

Authors	Title	Publication	Volume	Pages	Year
Mutahir, Sadaf; Akram, Shamaila; Khan, Muhammad Asim; Deng, Haishan; Naglah, Ahmed M; Almehezia, Abdulrahman A; Al-Omar , Mohamed A; Alrayes, Faris Ibrahim; Refat, Moamen S; Bhat, MA; Naglah, AM; Khan, AA; Al-Omar , MA; Aleanizy, FS; Eltayb, EK; Alqahtani, FY;	Facile synthesis of Zn/Co LDH for the removal of oxytetracycline from wastewater: experimental and DFT-based analysis	Chemical Engineering Science	283	119399	2024
Moustafa, Gaber O; Almehezia, Abdulrahman A; Al-Omar , Mohamed A; Al-Obaid, Abdulrahman M; Naglah, Ahmed M; Zen, Amer A;	Synthesis, Characterization, DFT Computation, and Antimicrobial Activity of Novel Biginelli Compounds	Russian Journal of Organic Chemistry	60	142-154	2024
Almehezia, Abdulrahman A; Al-Omar , Mohamed A; Naglah, Ahmed M; Bhat, Mashooq A;	Synthesis of new peptide-based macrocycles: Evaluation of their in vitro anti-proliferative activity and molecular dynamic simulation studies	Bulletin of the Chemical Society of Ethiopia	38	1129-1144	2024
Bhat, Mashooq A; Tüzün, Burak; Koyuncu, Ismail; Temiz, Ebru; Taslimi, Parham; Naglah, Ahmed M; Al-Omar , Mohamed A; Džudžević-Čančar, Huriya;	Metal-urea complexes as primary precursors to generate VO ₂ , ZrO ₂ , NbO ₂ , TaO ₂ , Ga ₂ O ₃ and TeO ₂ oxides in the nanoscale range by thermal decomposition route	Bulletin of the Chemical Society of Ethiopia	38	1003-1012	2024
Younes, Ayman AO; Adam, Abdel Majid A; Refat, Moamen S; Al-Wasidi, Asma S; Almehezia, Abdulrahman A; Al-Omar , Mohamed A; Naglah, Ahmed M; Al-Obaid, Abdulrahman M;	Synthesis, molecular modelling and choline esterase enzyme inhibitory activity of novel enamionone derivatives of sulfonamides	Bulletin of the Chemical Society of Ethiopia	38	1351-1368	2024
Alkahtani, Hamad M; Obaidullah, Ahmad J;	Synthesis of Bivalent Ni (II), Cu (II) and Zn (II) Complexes of Azodicarbonamide in Mixture of Methanol and Aqueous Solvents: Spectral Characterizations and Anti-Microbial Studies	Crystals	13	367	2023
Almehezia, Abdulrahman A; Al-Omar , Mohamed A; Naglah, Ahmed M; Alkahtani, Hamad M; Obaidullah, Ahmad J; Bhat, Mashooq A;	Synthesis of Low-Cost, Bio-Based Novel Adsorbent Material Using Charge-Transfer Interaction for Water Treatment from Several Pollutants: Waste to Worth	Crystals	13	619	2023
Almehezia, Abdulrahman A; Alkahtani, Hamad M; Al-Omar , Mohamed A; Obaidullah, Ahmad J; Bhat, Mashooq A; Alrasheed, Lamees S; Naglah, Ahmed M; Younes, Ayman AO; Alsuhaibani, Amnah Mohammed; Refat, Moamen S;	Synthesis, spectroscopic characterization and thermal studies of polymer-metal complexes derived from modified poly styrene-alt-(maleic anhydride) as a prospects for biomedical applications	Crystals	13	728	2023
Ijaz, Muhammad Umar; Shahzadi, Sabahat; Hamza, Ali; Azmat, Rabia; Anwar, Haseeb; Afsar, Tayyaba; Shafique, Huma; Bhat, Mashooq Ahmad; Naglah, Ahmed M; Al-Omar , Mohamed A;	Alleviative effects of pinostrobin against cadmium-induced renal toxicity in rats by reducing oxidative stress, apoptosis, inflammation, and mitochondrial dysfunction	Frontiers in Nutrition	10	1175008	2023
Almehezia, Abdulrahman A; Khattab, Abd EL-Nasser A; Darwish, Ahmed Mohamed; Al-Omar , Mohamed A; Naglah, Ahmed M;	Anti-inflammatory activity of novel derivatives of pyrazolo [3, 4d] pyridazine against digestive system inflammation	Naunyn-Schmiedeberg's Archives of Pharmacology	396	2729-2739	2023
Bhat, Mashooq A; Kalmouch, Atef;	Structural characterization and molecular docking screening of most potent 1, 2, 4-triazine sulfonamide derivatives as anti-cancer agents	Crystals	13	767	2023
Mutahir, Sadaf; Khan, Muhammad Asim; Naglah, Ahmed M; Al-Omar , Mohamed A; Almehezia, Abdulrahman A; Huwaimel, Bader; Abouzied, Amr S; Alharbi, Amirah Senaitan; Refat, Moamen S;					

Bhat, MA; Naglah, AM; Khan, AA; Al-Omar , MA; Aleanizy, FS; Eltayb, EK; Alqahtani, FY;	Synthesis, Spectral Characterization, and Antimicrobial Activity of Novel Biginelli-Type Compounds Containing Sulfaguanidine	Russian Journal of General Chemistry	93	931-936	2023
Almehizia, Abdulrahman A; Al-Omar , Mohamed A; Naglah, Ahmed M; Bhat, Mashooq A; Eskandrani, Razan; Alotaibi, Fatimah A; Refat, Moamen S; Adam, Abdel Majid A;	Preparation, Characterization, and In Vitro Evaluation of the Biological Activity of Several Metal-Based Complexes with Two Widely Used Fluoroquinolone Antibiotics: Lomefloxacin and Pefloxacin Drugs	Crystals	13	1078	2023
Almehizia, Abdulrahman A; Al-Omar , Mohamed A; Naglah, Ahmed M; Bhat, Mashooq A; Alanazi, Fhdah S; Alotaibi, Fatimah A; Refat, Moamen S; Adam, Abdel Majid A;	Complexes of the Antibiotic Drug Oxolinic Acid with Fe (III), Zn (II), Ca (II), and Mg (II) Ions: Preparation, Characterization, and In Vitro Evaluation of Biological Activity	Crystals	13	1012	2023
Almehizia, Abdulrahman A; Al-Omar , Mohamed A; Naglah, Ahmed M; Bhat, Mashooq A; Alanazi, Fhdah S; Alotaibi, Fatimah A; Refat, Moamen S; Adam, Abdel Majid A;	Spectral Characterization, Microscopic Images, and Antimicrobial Activity of Chenodeoxycholic Acid Complexes with Zn (II), Mg (II), and Ca (II) Ions				2023
Bhat, Mashooq A; Naglah, Ahmed M; Bakheit, Ahmed Hassan; Al-Omar , Mohamed A; Ansari, Siddique Akber; Alkahtani, Hamad M; Aleanizy, Fadilah Sfouq; Eltayb, Esra Kamal; Alqahtani, Fulwah Y;	Novel indole derivatives of dihydropyrimidinone: Synthesis, characterization, molecular docking and antimicrobial activity	Journal of Molecular Structure	1291	136091	2023
Almehizia, Abdulrahman A; Naglah, Ahmed M; Al-Omar , Mohamed A; Bhat, Mashooq A; Alanazi, Fhdah S; Alotaibi, Fatimah A; Al-Wasidi, Asma S; Refat, Moamen S; Adam, Abdel Majid A;	Spectral Characterization and Antimicrobial Activity of Chenodeoxycholic Acid Complexes with Zn (II), Mg (II), and Ca (II) Ions	Crystals	13	1166	2023
Mutahir, Sadaf; Khan, Muhammad Asim; Mushtaq, Maryam; Deng, Haishan; Naglah, Ahmed M; Almehizia, Abdulrahman A; Al-Omar , Mohamed A; Alrayes, Faris Ibrahim; Kalmouch, Atef; El-Mowafi, Shaima A;	Investigations of electronic, structural, and in silico anticancer potential of persuasive phytoestrogenic isoflavene-based Mannich bases	Molecules	28	5911	2023
Alkahtani, Hamad M; Almehizia, Abdulrahman A; Al-Omar , Mohamed A; Obaidullah, Ahmad J; Zen, Amer A; Hassan, Ashraf S; Aboulthana, Wael M;	In vitro evaluation and bioinformatics analysis of schiff bases bearing pyrazole scaffold as bioactive agents: antioxidant, anti-diabetic, anti-alzheimer, and anti-arthritis	Molecules	28	7125	2023
Bhat, MA; Ahmed, AF; Wen, Z-H; El-Seedi, Hesham R; Naglah, AM; Al-Omar , MA;	Synthesis, Anti-inflammatory, and Neuroprotective Activity of N-Substituted Phthalimide Derivatives	Russian Journal of General Chemistry	93	2935-2940	2023
Amr, AE; Al-Omar , MA; Elsayed, EA; Azab, Mohammad E; Sabry, Nermien M;	Evaluation of in vitro and in vivo Cytotoxic Activities and Kinase Inhibition of Newly Synthesized Cyclo (N α -Dinicotinoyl)-Bis-[(L-Valinyl)-L-Lysine Methyl Ester]	Journal of Scientific & Industrial Research	79	222-225	2022
Amr, AE; Elsayed, EA; Al-Omar , MA; Almehizia, AA; Abdel-Mageid, Randa E;	Cyclo (N α -dinicotinoyl)-bis-[(L-valinyl)-L-lysiny acid hydrazide]: Assessment of its Role in Cancer and Kinase Activity Inhibition	Journal of Scientific & Industrial Research	79	292-296	2022

Amr, AE; Elsayed, EA; Al-Omar , MA; El-Enshasy, HA;	Investigation of Growth Inhibitory Effects of cyclo (N α -pyrido)-bis-[(L-valinyl)-L-ornthenyl acid hydrazide] on Various Cancer Cells as well as in vitro VEGFR-2 Kinase Inhibition	Journal of Scientific & Industrial Research	79	328-332	2022
Almehizia, Abdulrahman A; Al-Omar, Mohamed A; Naglah, Ahmed M; Bhat, Mashooq A; Al-Shakliah, Nasser S;	Facile synthesis and characterization of ZnO nanoparticles for studying their biological activities and photocatalytic degradation properties toward methylene blue dye	Alexandria Engineering Journal	61	2386-2395	2022
Bhat, Mashooq A; Al-Omar , Mohamed A; Naglah, Ahmed M; Al-Dhfyhan, Abdullah;	Facile synthesis and anticancer activity of novel dihydropyrimidinone derivatives	Polish Journal of Chemical Technology	24	23-28	2022
Youssef, Hany M; Shah, Reem K; Algethami, Faisal K; Hegazey, RM; Naglah, Ahmed M; Al-Omar , Mohamed A; Alluhaybi, Ahmad A; Alherbish, Hatim A; Mabrouk, EM; Abdelrahman, Ehab A;	Facile hydrothermal procedure for the synthesis of sodium aluminum silicate hydrate/analcime and analcime for effective removal of manganese (II) ions from aqueous solutions	Journal of Inorganic and Organometallic Polymers and Materials	31	1035-1046	2021
Naglah, Ahmed M; Al-Omar , Mohamed A; Almehizia, Abdulrahman A; AlKahtani, Hamad M; Bhat, Mashooq A; Al-Shakliah, Nasser S; Belgacem, Kaouther; Majrashi, Badriah M; Refat, Moamen S; Adam, Abdel Majid A;	Synthesis, thermogravimetric, and spectroscopic characterizations of three palladium metal (II) ofloxacin drug and amino acids mixed ligand complexes as advanced antimicrobial materials	Journal of Molecular Structure	1225	129102	2021
Abd-Rabboh, Hisham SM; Amr, Abd El-Galil E; Kamel, Ayman H; Al-Omar , Mohamed A; Sayed, Ahmed YA;	Integrated all-solid-state sulfite sensors modified with two different ion-to-electron transducers: rapid assessment of sulfite in beverages	RSC advances	11	3783-3791	2021
Naglah, Ahmed M; Al-Omar , Mohamed A; Almehizia, Abdulrahman A; AlKahtani, Hamad M; Obaidullah, Ahmad J;	Application of nanosized zeolite X modified with glutamic acid as a novel composite for the efficient removal of Co (II) ions from aqueous media	Journal of Inorganic and Organometallic Polymers and Materials	31	2105-2115	2021
Bhat, Mashooq A; Al-Shakliah, Nasser S;	Facile synthesis of magnesium oxide nanoparticles for studying their photocatalytic activities against orange G Dye and biological activities against some bacterial and fungal strains	Journal of Inorganic and Organometallic Polymers and Materials	31	2150-2160	2021
Algethami, Faisal K; Katouah, Hanadi A; Al-Omar , Mohamed A; Almehizia, Abdulrahman A; Amr, Abd El-Galil E; Naglah, Ahmed M; Al-Shakliah, Nasser S; Fetoh, Mohammed E; Youssef, Hany M;	An all-solid-state potentiometric sensor modified with multi-walled carbon nanotubes (MWCNTs) for silicate assessment and water-quality testing	Analytical Methods	13	1495-1501	2021
Amr, Abd El-Galil E; Kamel, Ayman H; Al-Omar , Mohamed A; Elsayed, Elsayed A; Sayed, Ahmed YA; Abd-Rabboh, Hisham SM;	Efficient removal of Ni (II) ions from aqueous solutions using analcime modified with dimethylglyoxime composite	Arabian Journal of Chemistry	14	103197	2021
Shah, Reem K; Naglah, Ahmed M; Al-Omar , Mohamed A; Almehizia, Abdulrahman A; AlReshaidan, Salwa; Subaihi, Abdu; Alharbi, Ahmed; Hameed, Ahmed M; Alkabl, J; Fetoh, Mohammed E;	Correction: Integrated all-solid-state sulfite sensors modified with two different ion-to-electron transducers: rapid assessment of sulfite in beverages	RSC advances	11	17537-17537	2021
Abd-Rabboh, Hisham SM; Amr, Abd El-Galil E; Kamel, Ayman H; Al-Omar , Mohamed A; Sayed, Ahmed YA;					

Hassan, Saad SM; Kamel, Ayman H; Amr, Abd El-Galil E; Abdelwahab Fathy, M; Al-Omar , Mohamed A; Al-Wasidi, Asma S; Naglah, Ahmed M; Al-Omar , Mohamed A; Al-Obaid, Abdul-Rahman M; Alosaimi, Eid H; El-Metwaly, Nashwa M; Refat, Moamen S; Ahmed, Ahmed S; El-Deen, Ibrahim M; Soliman, Aida H;	Paper strip and ceramic potentiometric platforms modified with nano-sized polyaniline (PANi) for static and hydrodynamic monitoring of chromium in industrial samples	Molecules	25	629	2020
H. Kamel, Ayman; Ezzat, Samar; Ahmed, Mona A; Amr, Abd El-Galil E; A. Almehezia, Abdulrahman; Al-Omar , Mohamed A; Kamel, Ayman H; Amr, Abd El-Galil E; Abdalla, Nashwa S; El-Naggar, Mohamed; Al-Omar , Mohamed A; Almehezia, Abdulrahman A;	Manganese (II), ferric (III), cobalt (II) and copper (II) thiosemicarbazone Schiff base complexes: Synthesis, spectroscopic, molecular docking and biological discussions	Materials Express	10	290-300	2020
Naglah, Ahmed M; Askar, Ahmed A; Hassan, Ashraf S; Khatab, Tamer K; Al-Omar , Mohamed A; Bhat, Mashooq A; Naglah, Ahmed M; Al-Omar , Mohamed A; Almehezia, Abdulrahman A; Obaidullah, Ahmad J; Bhat, Mashooq A; Al-Shakliyah, Nasser S; Belgacem, Kaouther; Majrashi, Badriah M; Refat, Moamen S; Adam, Abdel Majid A;	Modified screen-printed potentiometric sensors based on man-tailored biomimetics for diquat herbicide determination	Biomolecules International Journal of Environmental Research and Public Health	10	251	2020
H. Kamel, Ayman; Hassan, Amr A; Amr, Abd El-Galil E; El-Shalakany, Hadeel H; A. Al-Omar , Mohamed; Bhat, Mashooq A; Al-Omar , Mohamed A; Naglah, Ahmed M; Khan, Azmat Ali;	Biological evaluation and molecular docking with in silico physicochemical, pharmacokinetic and toxicity prediction of pyrazolo [1, 5-a] pyrimidines	Molecules	17	1138	2020
Bhat, Mashooq A; Al-Omar , Mohamed A; Alsaif, Nawaf A; Almehezia, Abdulrahman A; Naglah, Ahmed M; Razak, Suhail; Khan, Azmat Ali; Ashraf, Naeem Mahmood;	Synthesis, spectroscopic, and antimicrobial study of binary and ternary ruthenium (III) complexes of ofloxacin drug and amino acids as secondary ligands	Crystals	25	1431	2020
Radwan, HAM; El-Mawgoud, HKA; El-Mariah, F; El-Agrody, AM; Amr, AE; Al-Omar , MA; Ghabbour, HA;	Synthesis and characterization of CuFe ₂ O ₄ nanoparticles modified with polythiophene: Applications to mercuric ions removal	Nanomaterials	10	225	2020
M. Naglah, Ahmed; Al-Omar , Mohamed A; Almehezia, Abdulrahman A; Obaidullah, Ahmad J; Bhat, Mashooq A; Kalmouch, Atef; Al-Wasidi, Asma S; Al-Humaidi, Jehan Y; Refat, Moamen S;	[Et ₃ NH][HSO ₄]-mediated efficient synthesis of novel xanthene derivatives and their biological evaluation	Journal of Saudi Chemical Society	10	586	2020
	Novel sulindac derivatives: Synthesis, characterisation, evaluation of antioxidant, analgesic, anti-inflammatory, ulcerogenic and COX-2 inhibition activity	Journal of Enzyme Inhibition and Medicinal Chemistry	24	425-433	2020
	Single-Crystal Structure and Antimicrobial Activity of Ethyl 3-Amino-1-(4-chlorophenyl)-9-hydroxy-1 H-benzo [f] chromene-2-carboxylate Combined with Ethyl α-Cyano-4-chlorocinnamate	Russian Journal of General Chemistry	35	921-934	2020
	Synthesis, characterization, and anti-diabetic activity of some novel vanadium-folate-amino acid materials	Biomolecules	90	299-304	2020
			10	781	2020

Hassan, Saad SM; H. Kamel, Ayman; A. Hassan, Amr; Amr, Abd El-Galil E; Abd El-Naby, Heba; **Al-Omar**, Mohamed A; Sayed, Ahmed YA;
 Kamel, Ayman H; Amr, Abd El-Galil E; Ashmawy, Nashwa H; Galal, Hoda R; Almeshia, Abdulrahman A; Youssef, Teraze A; **Al-Omar**, Mohamed A; Sayed, Ahmed YA;
 Abd-Elghaffar, HS; El-Hashash, MA; Mohamed, SF; Ibrahim, AA; Amr, AE; **Al-Omar**, MA; Nossier, ES;

H. Kamel, Ayman; Amr, Abd El-Galil E; Ashmawy, Nashwa H; Galal, Hoda R; **Al-Omar**, Mohamed A; Sayed, Ahmed YA;

Hassan, Saad SM; H. Kamel, Ayman; Amr, Abd El-Galil E; Abd-Rabboh, Hisham SM; **Al-Omar**, Mohamed A; Elsayed, Elsayed A;

Amr, AE; Elsayed, EA; **Al-Omar**, MA; El-Enshasy, HA; Othman, Ismail MM; Gad-Elkareem, Mohamed AM; Amr, Abd El-Galil E; **Al-Omar**, Mohamed A; Nossier, Eman S; Elsayed, Elsayed A;

Khalifa, NM; Fahmy, HH; Nossier, ES; **Al-Omar**, MA; Amr, AE; Bhat, Mashooq A; **Al-Omar**, Mohamed A; Naglah, Ahmed M; Khan, Azmat Ali;

Khalaf, Hemat S; Naglah, Ahmed M; **Al-Omar**, Mohamed A; Moustafa, Gaber O; Awad, Hassan M; Bakheit, Ahmed H; Al-Wasidi, Asma S; Al-Jafshar, Nawal M; Al-Anazi, Amal M; Refat, Moamen S; El-Metwaly, Nashwa M; Ibrahim, HK; El-Fattah, Wessam Abd; Naglah, Ahmed M; **Al-Omar**, Mohamed A; Kalmouch, Atef;

H. Kamel, Ayman; Amr, Abd El-Galil E; Galal, Hoda R; **Al-Omar**, Mohamed A; Almeshia, Abdulrahman A;

CuFe2O4/polyaniline (PANI) nanocomposite for the hazard mercuric ion removal: synthesis, characterization, and adsorption properties study
 Validation of a novel potentiometric method based on a polymeric PVC membrane sensor integrated with tailored receptors for the antileukemia drug cytarabine
 Synthesis and Anti-Proliferative Activity of Novel Tricyclic Compounds Derived from 2-Substituted 1, 3-Indandione
 Solid-contact potentiometric sensors based on stimulus-responsive imprinted polymers for reversible detection of neutral dopamine
 A new validated potentiometric method for sulfite assay in beverages using cobalt (II) phthalocyanine as a sensory recognition element
 Anti-VEGFR-2 Kinase Effects of Cyclo (N α -dinicotinoyl)-bis-[(L-valinyl)-L-lysine] and its Anticancer Activities Against Different Cancer Cell Lines
 Novel heterocyclic hybrids of pyrazole targeting dihydrofolate reductase: design, biological evaluation and in silico studies
 New Polysubstituted Pyrazole Derivatives: Synthesis and Cytotoxicity Studies
 Synthesis of novel sulfamethoxazole 4-thiazolidinone hybrids and their biological evaluation
 Synthesis, docking, computational studies, and antimicrobial evaluations of new dipeptide derivatives based on nicotinoylglycylglycine hydrazide
 In Methanolic Solvent Synthesis of New MnII, CoII, NiII and CuII Schiff Base of Aromatic β Amino Acids: Spectroscopic, Thermal, Molecular Docking and Antimicrobial Studies
 Screen-printed sensor based on potentiometric transduction for free bilirubin detection as a biomarker for hyperbilirubinemia diagnosis

Molecules	25	2721	2020
Polymers	12	1343	2020
Russian Journal of General Chemistry	90	686-696	2020
Polymers	12	1406	2020
Molecules	25	3076	2020
Journal of Scientific & Industrial Research	79	413-417	2020
Journal of Enzyme Inhibition and Medicinal Chemistry	35	1491-1502	2020
Russian Journal of General Chemistry	90	1062-1068	2020
Molecules	25	3570	2020
Molecules	25	3589	2020
Science of Advanced Materials	12	1137-1148	2020
Chemosensors	8	86	2020

Kamel, Ayman H; Amr, Abd El-Galil E; Al-Omar , Mohamed A; Almehezia, Abdulrahman A; Alsaif, Nawaf A; Bhat, Mashooq A; Al-Omar , Mohamed A; Al-Tuwajiri, Hanaa M; Naglah, Ahmed M; Al-Dhfyan, Abdullah; Bhat, Mashooq A; Al-Omar , Mohamed A; Naglah, Ahmed M; Al-Dhfyan, Abdullah; Bhat, Mashooq A; Al-Omar , Mohamed A; Naglah, Ahmed M; Al-Dhfyan, Abdullah;	Solid-state membrane sensors based on man-tailored biomimetic receptors for selective recognition of isoproturon and diuron herbicides	Membranes	10	279	2020
Alsaif, Nawaf A; Bhat, Mashooq A; Al-Omar , Mohamed A; Al-Tuwajiri, Hanaa M; Naglah, Ahmed M; Al-Dhfyan, Abdullah;	Synthesis of Novel Diclofenac Hydrazones: Molecular Docking, Anti-Inflammatory, Analgesic, and Ulcerogenic Activity	Journal of Chemistry	2020	4916726	2020
Khalifa, Nagy Mahmoud Hassan; Al-Omar , Mohamed A; Zeid, Ibrahim F; Mohamed, Neama A; Khalifa, Nagy M; Kassem, Emad M; Nossier, Eman S; Salman, Ahmed A; Mahmoud, Khaled; Al-Omar , Mohamed A; Naglah, Ahmed M; Al-Omar , Mohamed A; Kalmouch, Atef; Alsuhaibani, Amnah MA; El-Didamony, Akram M; Hassan, Nader; Taleb, Sameh Abo; Refat, Moamen S; Almehezia, Abdulrahman A; Bhat, Mashooq A; Amr, Abd El-Galil E; Elsayed, Elsayed A; Al-Omar , Mohamed A; Badr Eldin, Hanan O; Nossier, Eman S; Abdallah, Mohamed M; Amr, Abd El-Galil E; El-Shehry, Mohamed F; Ibrahim, Alhussein A; Hosni, Hanaa M; Al-Omar , Mohamed A; Ghabbour, Hazem A;	Biginelli Synthesis of Novel Dihydropyrimidinone Derivatives Containing Phthalimide Moiety	Journal of Chemistry	2020	4284628	2020
E. Amr, Abd El-Galil; Al-Omar , Mohamed A; H. Kamel, Ayman; A. Elsayed, Elsayed; Bhat, Mashooq A; Al-Tahhan, M; Al-Omar , Mohamed A; Naglah, Ahmed M; Al-Dhfyan, Abdullah; El-Naggar, Mohamed; Sallam, Hanan A; Shaban, Safaa S; Abdel-Wahab, Salwa S; E. Amr, Abd El-Galil; Azab, Mohammad E; Nossier, Eman S; Al-Omar , Mohamed A; Khalifa, Nagy M; Al-Omar , Mohamed A; Alkahtani, Hamad M; Bakheit, Ahmed H;	Research Article Biginelli Synthesis of Novel Dihydropyrimidinone Derivatives Containing Phthalimide Moiety				2020
	Research Article Synthesis of Novel Diclofenac Hydrazones: Molecular Docking, Anti-Inflammatory, Analgesic, and Ulcerogenic Activity				2020
	Naphthyridinyl hydrazine derivatives as potent peripheral analgesic agents				2019
	PI3K Inhibitors of Novel Hydrazone Analogues Linked 2-Pyridinyl Quinazolone Scaffold as Anticancer Agents	Journal of Chemistry	2019	6321573	2019
	Synthesis, characterization and antidiabetic effects of vanadyl (II) adenosine monophosphate amino acid mixed-ligand complexes	Future Medicinal Chemistry	11	193-210	2019
	Design, synthesis, anticancer evaluation and molecular modeling of novel estrogen derivatives	Molecules	24	416	2019
	Synthesis and molecular docking of new thiophene derivatives as lactate dehydrogenase-A inhibitors	Mini Reviews in Medicinal Chemistry	19	833-841	2019
	Single-piece solid contact Cu ²⁺ -Selective Electrodes Based on a synthesized macrocyclic calix [4] arene derivative as a neutral carrier ionophore	Molecules	24	920	2019
	Design and synthesis of novel thiosemicarbazones as potent anti-breast cancer agents	Letters in Drug Design & Discovery	16	446-452	2019
	Design, synthesis, and molecular docking study of novel heterocycles incorporating 1, 3, 4-thiadiazole moiety as potential antimicrobial and anticancer agents	Molecules	24	1066	2019
	Kinase inhibitors of novel Pyridopyrimidinone candidates: Synthesis and in vitro anticancer properties	Journal of Chemistry	2019	2635219	2019

Khalifa, NM; Haiba, ME; Taha, MM; Al-Omar , MA; Naglah, Ahmed M; Al-Omar , Mohamed A; Bhat, Mashooq A; Al-Wasidi, Asma S; Alsuhaibani, Amnah MA; El-Didamony, Akram M; Hassan, Nader; Abo Taleb, Sameh; Refat, Moamen S; Ashmawy, Nashwa H; Almehizia, Abdulrahman A; Youssef, Teraze A; Amr, Abd El-Galil E; Al-Omar , Mohamed A; Kamel, Ayman H; Bhat, Mashooq Ahmad; Al-Omar , Mohamed A; Naglah, Ahmed M; Kalmouch, Atef; Al-Dhfyhan, Abdullah;	Synthesis and Antibacterial Assay of Some New Pyrenyl Pyridine Candidates	Russian Journal of General Chemistry	89	319-323	2019
El-Naggar, Mohamed; E. Amr, Abd El-Galil; Fayed, Ahmed A; A. Elsayed, Elsayed; A. Al-Omar , Mohamed; Abdalla, Mohamed M; Salman, Mahmoud; Naglah, Ahmed M; Al-Omar , Mohamed A; Al-Wasidi, Asma S; El-Didamony, Akram M; El-Sayed, Mohamed Y; Fetooh, Hammad; Abd El-Mak Soud, Eman SE; Refat, Moamen S; Adam, Abdel Majid A;	Synthesis and biological evaluations of a novel oxidovanadium (IV) adenosine monophosphate complex as anti-diabetic agent Novel Carbon/PEDOT/PSS-Based screen-printed biosensors for acetylcholine neurotransmitter and acetylcholinesterase detection in human serum	Crystals	9	208	2019
Hassan, Saad SM; Galal Eldin, Ahmed; Amr, Abd El-Galil E; Al-Omar , Mohamed A; Kamel, Ayman H; Naglah, Ahmed M; Al-Omar , Mohamed A; Abdelhameed, Ali S; Bhat, Mashooq A; El-Didamony, Akram M; Hassan, Nader; Taleb, Sameh Abo; Alsuhaibani, Amnah; Refat, Moamen S; Bhat, Mashooq Ahmad; Al-Omar , Mohamed A; Alsaif, Nawaf Abdulaziz; Hidayathulla, Syed;	Synthesis and characterization of novel Biginelli dihydropyrimidinone derivatives containing imidazole moiety Potent anti-ovarian cancer with inhibitor activities on both topoisomerase II and V600EBRAF of synthesized substituted estrone candidates	Molecules	24	1539	2019
Anwar, Manal M; Abd El-Karim, Somaia S; Mahmoud, Ahlam H; Amr, Abd El-Galil E; Al-Omar , Mohamed A; Amr, Abd El-Galil E; Al-Omar , Mohamed A; Almehizia, Abdulrahman A; Alanazi, Mohammed Mater; Alsaif, Nawaf Abdulaziz; Obaidullah, Ahmad Jomah;	Synthetic, Spectroscopic, Thermogravimetric and Biological Studies of Some Lanthanide (III) and Th (IV) with Fluorescein Dye as a Complexing Agent Single-walled carbon nanotubes (SWCNTs) as solid-contact in all-solid-state perchlorate ISEs: applications to fireworks and propellants analysis	Journal of Chemistry	2019	3131879	2019
SM Hassan, Saad; E. Amr, Abd El-Galil; HA Elbehery, Nada; A. Al-Omar , Mohamed; H. Kamel, Ayman; Hassan, Saad SM; Abdelbasir, Sabah M; Fathy, M Abdelwahab; Amr, Abd El-Galil E; Al-Omar , Mohamed A; Kamel, Ayman H;	Potent Activity of a Novel Vanadyl (IV)-Vitamin D3 Complex Against Streptozotocin-Induced Diabetes in Rats: Synthesis, Characterization and Biological Assessments	Molecules	24	2054	2019
	Sulindac derivatives A comparative study of the anticancer activity and PARP-1 inhibiting effect of benzofuran-pyrazole scaffold and its nano-sized particles in human breast cancer cells	Science of Advanced Materials	11	808-816	2019
	Ursolic acid derivatives Non-equilibrium potential responses towards neutral orcinol using all-solid-state potentiometric sensors integrated with molecularly imprinted polymers	Sensors	19	2697	2019
	Gold plate electrodes functionalized by multiwall carbon nanotube film for potentiometric thallium (I) detection	Journal of Biobased Materials and Bioenergy	13	820-829	2019
		Molecules	24	2413	2019
		Polymers	11	1232	2019
		Nanomaterials	9	1160	2019

Al-Salem, Huda S; Mirgany, Tebyan O; Al-Enizy, Fadhilah; Mahmoud, Amany Z; El-Subbagh, Hussein I; Al-Omar , Mohamed A; Naglah, Ahmed M; Hassan, Ashraf S; Askar, Ahmed A; Nossier, Eman S; Naglah, Ahmed M; Moustafa, Gaber O; Al-Omar , Mohamed A;	Synthesis and antimicrobial testing of some quinazolinone compounds	Lat Am J Pharm	38	1194-1201	2019
SM Hassan, Saad; Galal Eldin, Ahmed; E. Amr, Abd El-Galil; A. Al-Omar , Mohamed; H. Kamel, Ayman; Khalifa, Nagy M;	Antibacterial evaluation, in silico characters and molecular docking of Schiff bases derived from 5-aminopyrazoles	Molecules	24	3130	2019
Ezzat, Samar; A. Ahmed, Mona; E. Amr, Abd El-Galil; A. Al-Omar , Mohamed; H. Kamel, Ayman; Khalifa, Nagy M; Naglah, AM; Al-Omar , MA; Kalmouch, A; Gobouri, AA; Abdel-Hafez, SH; El-Megharbel, Samy Mahmoud; Refat, MS;	Improved solid-contact nitrate ion selective electrodes based on multi-walled carbon nanotubes (MWCNTs) as an ion-to-electron transducer	Sensors	19	3891	2019
Khalifa, NM; Alkahtani, HM; Al-Omar , MA; Bakheit, AH;	Single-Piece All-Solid-State Potential Ion-Selective Electrodes Integrated with Molecularly Imprinted Polymers (MIPs) for Neutral 2, 4-Dichlorophenol Assessment	Materials	12	2924	2019
Abdalla, Nashwa S; E. Amr, Abd El-Galil; SM El-Tantawy, Aliaa; A. Al-Omar , Mohamed; H. Kamel, Ayman; Khalifa, Nagy M;	Synthesis, spectroscopy, and anticancer activity of two new nanoscale Au (III) N 4 schiff base complexes	Russian Journal of General Chemistry	89	1702-1706	2019
SM Hassan, Saad; E. Amr, Abd El-Galil; Abd El-Naby, Heba; A. Al-Omar , Mohamed; H. Kamel, Ayman; Khalifa, Nagy M;	New Pyridopyrimidone Derivatives: Synthesis, Molecular Docking Studies, and Potential Anticancer Activity	Russian Journal of General Chemistry	89	1683-1690	2019
Adam, Abdel Majid A; Refat, Moamen S; Ismail, Lamia A; Naglah, Ahmed M; Al-Omar , Mohamed A; Al-Wasidi, Asma S; Kamel, Ayman H; Amr, Abd El-Galil E; Abdalla, Nashwa S; El-Naggar, Mohamed; Al-Omar , Mohamed A; Alkahtani, Hamad M; Sayed, Ahmed YA;	Tailor-made specific recognition of cyromazine pesticide integrated in a potentiometric strip cell for environmental and food analysis	Polymers	11	1526	2019
H. Kamel, Ayman; E. Amr, Abd El-Galil; A. Al-Omar , Mohamed; A. Elsayed, Elsayed;	Potentiometric PVC-membrane-based sensor for dimethylamine assessment using a molecularly imprinted polymer as a sensory recognition element	Polymers	11	1695	2019
Bhat, Mashooq Ahmad; Al-Omar , Mohamed A; Naglah, Ahmed M; Khan, Abdul Arif;	Insights into the complexation of glucose-6-phosphate (G6P) with V (III), Ru (III), Au (III), and Se (IV) ions in binary solvent system	Journal of Molecular Liquids	296	111999	2019
Al-Wasidi, Asma S; Al-Jafshar, NM; Al-Anazi, AM; Refat, MS; Ismail, LA; Al-Omar , MA; Naglah, AM; Kalmouch, Atef;	Novel solid-state potentiometric sensors using polyaniline (PANI) as a solid-contact transducer for flucarbazone herbicide assessment	Polymers	11	1796	2019
	Pre-concentration based on cloud point extraction for ultra-trace monitoring of lead (II) using flame atomic absorption spectrometry	Applied sciences	9	4752	2019
	Enaminone-Derived Pyrazoles with Antimicrobial Activity Synthesis, Characterization, and Anti-Diabetic Therapeutic Activity of New Vanadyl (II) Complexes with Orotic Acid and Different Amino Acids Mixed Ligands	Journal of Chemistry	2019	2467970	2019
		Russian Journal of General Chemistry	89	2121-2128	2019

Amr, Abd El-Galil E; Al-Omar , Mohamed A; Ghabbour, Hazem Ahmed;	Beta-adrenergic blocking compound				2019
Al-Wasidi, Asma S; Al-Jafshar, Nawal M; Al-Anazi, Amal M; Alosaimi, Eid H; Refat, Moamen S; El-Zayat, Lamia; Al-Omar , Mohamed A; Naglah, Ahmed M; Abou El-Nour, KM; Khalifa, Nagy M; Al-Omar , Mohamed A; Alkahtani, Hamad M; Bakheit, Ahmed H;	Electron-transfer complexation of morpholine donor molecule with some π -acceptors: Synthesis and spectroscopic characterizations	Polish Journal of Chemical Technology	21	82-88	2019
Bhat, Mashooq Ahmad; Al-Omar , Mohamed A; Naglah, Ahmed M; Khan, Abdul Arif;	Research Article Kinase Inhibitors of Novel Pyridopyrimidinone Candidates: Synthesis and In Vitro Anticancer Properties	Patents			2019
Bhat, Mashooq Ahmad; Al-Omar , Mohamed Abdulrahman; Khalifa, Nagy Mahmoud Hassan; Al-Omar , Mohamed A; Amr, Abd El-Galil E;	Research Article Enaminone-Derived Pyrazoles with Antimicrobial Activity	Patents			2019
Amr, Abd El-Galil E; Al-Omar , Mohamed A; Khalifa, Nagy Mahmoud Hassan;	Dihydropyrimidinone derivatives	Patents			2018
Naglah, Ahmed M; Amr, Abd El-Galil E; Al-Omar , Mohamed A; Bhat, Mashooq Ahmad; Al-Omar , Mohamed A; Raish, Mohammad; Ansari, Mushtaq Ahmad; Abuelizz, Hatem A; Bakheit, Ahmed H; Naglah, Ahmed M;	Substituted naphthyridinyl hydrazines as anti-liver cancer agents	Patents			2018
Ahmad Bhat, Mashooq; Al-Omar , Mohamed A; Naglah, Ahmed M;	Glycyrrhetic acid derivatives	Patents			2018
Amr, Abd El-Galil E; Al-Omar , Mohamed A; Naglah, Ahmed M;	Oleanolic acid methyl ester derivatives	Patents			2018
Bhat, Mashooq Ahmad; Al-Omar , Mohamed A; Ghabbour, Hazem A; Naglah, Ahmed M;	Indole derivatives as cyclooxygenase inhibitors: synthesis, biological evaluation and docking studies	Molecules	23	1250	2018
Amr, Abd El-Galil E; El-Naggar, Mohamed; Al-Omar , Mohamed A; Elsayed, Elsayed Ahmed; Abdalla, Mohamed M;	Synthesis and in vivo anti-ulcer evaluation of some novel piperidine linked dihydropyrimidinone derivatives	Journal of Enzyme Inhibition and Medicinal Chemistry	33	978-988	2018
Khalifa, Nagy Mahmoud Hassan; Al-Omar , Mohamed A;	Pentacyclic triterpenoidal derivatives	Patents			2018
Bhat, Mashooq Ahmad; Al-Omar , Mohamed A;	A one-pot biginelli synthesis and characterization of novel dihydropyrimidinone derivatives containing piperazine/morpholine moiety	Molecules	23	1559	2018
Amr, Abd El-Galil E; Abo-Ghalia, Mohamed H; Moustafa, Gaber O; Al-Omar , Mohamed A; Nossier, Eman S; Elsayed, Elsayed A; Hassan, Ashraf S; Moustafa, Gaber O; Askar, Ahmed A; Naglah, Ahmed M; Al-Omar , Mohamed A;	In vitro and in vivo anti-breast cancer activities of some synthesized pyrazolinyl-estran-17-one candidates	Molecules	23	1572	2018
El-Naggar, Mohamed; El-Shorbagi, Abdel-Nasser; Elnaggar, Dina H; Amr, Abd El-Galil E; Al-Omar , Mohamed A; Elsayed, Elsayed A;	Substituted pyrazole derivatives	Patents			2018
	Dihydropyrimidinone derivatives	Patents			2018
	Design, synthesis and docking studies of novel macrocyclic pentapeptides as anticancer multi-targeted kinase inhibitors	Molecules	23	2416	2018
	Synthesis and antibacterial evaluation of fused pyrazoles and Schiff bases	Synthetic Communications	48	2761-2772	2018
	Synthesis, characterization, and cytotoxic evaluation of some newly substituted diazene candidates	Journal of Chemistry	2018	3626824	2018

Al Thagfan, Sultan S; Fayed, Ahmed A; Bahshwan, Saleh A; Abd El Galil, E Amr; Aljuhani, Naif; Al-Omar , Mohamed A; Azab, Mohammad E; Abdalla, Mohamed M; Amr, Abd El-Galil E; Al-Omar , Mohamed A; Almehizia, Abdulrahman Abdulaziz; Naglah, Ahmed Mohamed; Naglah, Ahmed M; Al-Omar , Mohamed A; Almehizia, Abdulrahman A; Bhat, Mashooq A; Afifi, Walid M; Al-Wasidi, Asma S; Al-Humaidi, Jehan Y; Refat, Moamen S; Bhat, Mashooq Ahmad; Al-Omar , Mohamed Abdulrahman; Khalifa, Nagy Mahmoud Hassan; Al-Omar , Mohamed A; Alkahtani, Hamad M; Bakheit, Ahmed H; Amr, Abd El-Galil E; Al-Omar , Mohamed A; Almehizia, Abdulrahman A;	Pharmacological activities of some synthesized chiral macrocyclic pentapeptide Schiff base candidates	Biomedical Research (India)	29	3605-3609	2018
	Sulfonylurea derivatives of oleanolic acid	Patents			2018
	A Novel Oxidovanadium (IV)-Orotate Complex as an Alternative Antidiabetic Agent: Synthesis, Characterization, and Biological Assessments	BioMed Research International	2018	8108713	2018
	Antihepatotoxic agents	Patents			2018
	Pyrido [2, 3-d] pyrimidines as anticancer agents	Patents			2018
	Abietic acid derivatives as anti-tumor agents	Patents			2018
Al-Turki, Deema A; Al-Omar , Mohamed A; Abou-Zeid, Laila A; Shehata, Ihsan A; Al-Awady, Mohammed S;	Design, synthesis, molecular modeling and biological evaluation of novel diaryl heterocyclic analogs as potential selective cyclooxygenase-2 (COX-2) inhibitors	Saudi Pharmaceutical Journal	25	59-69	2017
Refat, Moamen S; El-Megharbel, Samy M; Hussien, MA; Hamza, Reham Z; Al-Omar , Mohamed A; Naglah, Ahmed M; Afifi, Walid M; Kobeasy, Mohamed I;	Spectroscopic, structural characterizations and antioxidant capacity of the chromium (III) niacinamide compound as a diabetes mellitus drug model	Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy	173	122-131	2017
Abd El-Galil E. Amr , Mohamed M. Abdalla, Mohamed A. Al-Omar , Elsayed A. Elsayed;	Anti-ovarian and anti-breast cancers with dual topoisomerase ii/braf600e inhibitors activities of some substituted indole derivatives	Biomedical Research	28	75-80	2017
Khalifa, Nagy M; Al-Omar , Mohamed A; Abd El-Galil, Ahmed A; Abd El-Reheem, Mohammed;	Anti-inflammatory and analgesic activities of some novel carboxamides derived from 2-phenyl quinoline candidates	Biomedical Research	28	869-874	2017
Alhadhrami, A; Al-Ghamry, Mosad A; Atta, Aly H; El-Shenawy, Ahmed I; Refat, Moamen S; Al-Omar, Mohamed A; Naglah, Ahmed M;	Physicochemical studies on the desulfurization process of organosulfur compounds occur in crude oil by metallo-complexation method	Journal of Molecular Liquids	231	94-97	2017
Amr, Abd El-Galil E; Al-Omar , Mohamed A; Abdalla, Mohamed M;	Potent Anticancer and mTOR Inhibitor Activities of Some Synthesized Linear and Macrocyclic Pyridine Derivatives	Journal of Computational and Theoretical Nanoscience	14	454-459	2017
Amr, Abd El-Galil E; Ghanem, Hassan Z; Al-Omar , Mohamed A; Abdalla, Mohamed M; Assy, Mohamed G; Ragab, Islam;	Anti-cancer and kinases inhibitor activities of synthesized heterocyclic substituted thiophene fused with cyclohexane derivatives	Journal of Computational and Theoretical Nanoscience	14	768-774	2017

Almalki, ASA; Naglah, Ahmed M; Refat, Moamen S; Hegab, Mohamed S; Adam, Abdel Majid A; Al-Omar , Mohamed A;	Liquid and solid-state study of antioxidant quercetin donor and TCNE acceptor interaction: Focusing on solvent affect on the morphological properties	Journal of Molecular Liquids	233	292-302	2017
Bhat, Mashooq A; Ahmed, Atallah F; Wen, Zhi-Hong; Al-Omar , Mohamed A; Abdel-Aziz, Hatem A;	Synthesis, anti-inflammatory and neuroprotective activity of pyrazole and pyrazolo [3, 4-d] pyridazine bearing 3, 4, 5-trimethoxyphenyl	Medicinal Chemistry Research	26	1557-1566	2017
Okasha, Rawda M; Amr, Abd El-Galil E; El-Agrody, Ahmed M; Al-Omar , Mohamed A; Ghabbour, Hazem A;	Crystal structure of 3-amino-8-methoxy-1-phenyl-1 H-benzo [f] chromene-2-carbonitrile, C21H16N2O2	Zeitschrift für Kristallographie-New Crystal Structures	232	497-499	2017
Khalifa, NM; Al-Omar , MA; Sediek, AA; Amr, AE;	Synthesis of some novel 2-thioxoimidazolidin-4-one substituted glycosyl hydrazone derivatives	Russian Journal of General Chemistry	87	523-529	2017
Bhat, Mashooq Ahmad; Khan, Abdul Arif; Al-Omar , Mohamed A; Khan, Azmat Ali;	Synthesis and anti-candidal activity of some new pyrazoline derivatives	Biomedical Research	28	3082-3087	2017
Fouda, Ahmed M; Amr, Abd El-Galil E; El-Agrody, Ahmed M; Al-Omar , Mohamed A; Ghabbour, Hazem A;	Crystal structure of 3-amino-8-methoxy-1-(4-methoxy phenyl)-1 H-benzo [f] chromene-2-carbonitrile, C22H18N2O3	Zeitschrift für Kristallographie-New Crystal Structures	232	567-569	2017
Amr, Abd El-Galil E; Al-Omar , Mohamed A; Abdalla, Mohamed M;	Evaluation of ED 50 and 5 α -reductase inhibitor activities of some thiopyrimidine, pyrane, pyrazoline and thiazolopyrimidine derivatives.	Pakistan Journal of Pharmaceutical Sciences	30	833-838	2017
Khalifa, NM; Nossier, ES; Al-Omar , MA;	Synthesis of some new pyrazolyl-thiazolidinone derivatives starting from 1-(3-chlorophenyl)-3-(4-methoxyphenyl)-1 H-pyrazole-4-carboxaldehyde	Russian Journal of General Chemistry	87	868-872	2017
Khalifa, NM; Al-Omar , MA; Nossier, ES;	Synthesis and characterization of some novel 1, 3-diaryl pyrazole bearing 2-oxopyridine-3, 5-dicarbonitrile derivatives	Russian Journal of General Chemistry	87	846-849	2017
Amr, Abd El-Galil E; Khalifa, Nagy M; Al-Omar , Mohamed A; Ghabbour, Hazem A;	Crystal structure of N 2, N 6-bis (1-hydrazinyl-2-methyl-1-oxopropan-2-yl) pyridine-2, 6-dicarboxamide, C15H23N7O4	Zeitschrift für Kristallographie-New Crystal Structures	232	537-539	2017
Mohamed, Hany M; Amr, Abd El-Galil E; El-Agrody, Ahmed M; Al-Omar , Mohamed A; Ghabbour, Hazem A;	Crystal structure of 3-amino-1-(4-bromophenyl)-9-methoxy-1 H-benzo [f] chromene-2-carbonitrile, C21H15BrN2O2	Zeitschrift für Kristallographie-new crystal structures	232	561-563	2017
Khalifa, Nagy M; Al-Omar , Mohamed A; Nossier, Eman S;	Anti-inflammatory activity of some newly 8-Hydroxy-7-iodo-5-sulfonamide quinolines linked different heterocyclic ring systems	Latin American Journal of Pharmacy	36	486-494	2017
Khalifa, Nagy M; Al-Omar , Mohamed A; Nossier, Eman S; Ghanem, Hassan Z;	Antioxidant activity of some newly synthesized substituted pyrenyl pyridine derivatives	Latin American Journal of Pharmacy	36	535-540	2017

Adam, Abdel Majid A; Naglah, Ahmed M; Al-Omar , Mohamed A; Refat, Moamen S;	Synthesis of a new insulin-mimetic anti-diabetic drug containing vitamin A and vanadium (IV) salt: Chemico-biological characterizations	International Journal of Immunopathology and Pharmacology	30	272-281	2017
Khalifa, NM; Nossier, ES; Al-Omar , MA;	Synthesis and characterization of new pyrazolyl-substituted thiazolidinone, thiazole, and thiazoline candidates	Russian Journal of General Chemistry	87	1295-1299	2017
El-Maghraby, A; Abd El-Aal, MS; Refat, Moamen S; Al-Omar , Mohamed A; Naglah, Ahmed M;	Spinel Color Synthesis of Ceramic Materials Using L-Alanine as a Biological Fuel In Situ Combustion Reaction	Journal of Computational and Theoretical Nanoscience	14	4291-4299	2017
Naglah, Ahmed M; Al-Omar , Mohamed A; Refat, Moamen S; Adam, Abdel Majid A; Eldaroti, Hala H;	Application of Charge Transfer Complexation for the Assessment of the Anti-Senescence Plant Hormone Kinetin. Part Two: Morphology and Nanometry of the Product Obtained with Chloranilic Acid Acceptor	Journal of Computational and Theoretical Nanoscience	14	4305-4309	2017
Al-Omar , Mohamed A; Naglah, Ahmed M; Refat, Moamen S; Adam, Abdel Majid A; Saad, Hosam A;	Application of Charge Transfer Complexation for the Assessment of the Anti-Senescence Plant Hormone Kinetin. Part One: Nanostructured Product with Picric Acid Acceptor	Journal of Computational and Theoretical Nanoscience	14	4300-4304	2017
Amr, AE; Abdalla, MM; Essaouy, SA; Areef, MMH; Elgamal, MH; Nassear, TA; Haschich, AE; Al-Omar , MA;	Synthesis of some substituted 5 H-furo [3, 2-g] chromene and benzofuran sulfonate derivatives as potent anti-HIV agents	Russian Journal of General Chemistry	87	1591-1600	2017
Al-Omar , Mohamed A; Naglah, Ahmed M; Refat, Moamen S; Adam, Abdel Majid A; Ibrahim, Omar B;	Application of Charge Transfer Complexation for the Assessment of the Anti-Senescence Plant Hormone Kinetin. Part Three: Quick and Simple Formation of Nanosized Product with Quinol Acceptor	Journal of Computational and Theoretical Nanoscience	14	4310-4314	2017
Khalifa, NM; Al-Omar , MA; Amr, AE;	Synthesis and characterization of some novel 7-(aryl)-3-phenyl-6-(1 H-tetrazol-5-yl)-5 H-thiazolo [3, 2-a] pyrimidin-5-one derivatives	Russian Journal of General Chemistry	87	1618-1620	2017
Khalifa, NM; Al-Omar , MA; Nossier, ES;	Synthesis and some reactions of novel (4 Z)-4-[[1-(3-chlorophenyl)-3-(4-methoxyphenyl)-1 H-pyrazol-4-yl] methylene]-2-hydrazinyl-1-phenyl-1 H-imidazol-5 (4 H)-ones	Russian Journal of General Chemistry	87	1621-1626	2017
El-Maghraby, A; Awad, HM; Naglah, Ahmed M; Refat, Moamen S; AlKahtani, Hamad M; Al-Omar , Mohamed A;	A new comparative study by use of various amino acids as a self-combustion fuel to synthesis nano-ceramic compound at low temperature	Journal of Computational and Theoretical Nanoscience	14	4283-4290	2017
Naglah, Ahmed M; Moustafa, Gaber O; Al-Omar , Mohamed A; Al-Salem, Huda SA; Hozzein, Wael N;	Synthesis, characterization and in vitro antimicrobial investigation of novel amino acids and dipeptides based on dibenzofuran-2-sulfonyl-chloride	Journal of Computational and Theoretical Nanoscience	14	3183-3190	2017
Khalifa, Nagy M; Al-Omar , Mohamed A; Amr, Abd El-Galil E; Awad, Hassan M;	Synthesis and antimicrobial evaluation of a series of novel imidazole acyclic nucleoside analogues	Journal of Computational and Theoretical Nanoscience	14	5087-5092	2017

Amr, Abd El-Galil E; El-Mawgoud, Heba K Abd; El-Agrody, Ahmed M; Al-Omar , Mohamed A; Alsultan, Mohamed S;	X-ray, microwave assisted synthesis and spectral data of 3-amino-1-(3, 5-dibromo-2-methoxy phenyl)-8-methoxy-1H-benzo [f] chromene-2-carbonitrile	Journal of Computational and Theoretical Nanoscience	14	3930-3935	2017
Ali, Korany A; Amr, Abd El-Galil E; Al-Omar , Mohamed A; Mahmoud, Khaled;	Anticancer Activity of Some Synthesized of Mn (II), Cu (II), Ni (II), Sn (II) and Ca (II) Complexes Bis (3-phenylpropane-1, 3-dione) Derivative as Ligand	Journal of Computational and Theoretical Nanoscience	14	3827-3830	2017
Khalifa, Nagy M; Al-Omar , Mohamed A; Nossier, Eman S;	Biological evaluation of newly synthesized quinazolinyl-chalcone derivatives	Journal of Computational and Theoretical Nanoscience	14	3821-3826	2017
Halawa, Ahmed H; El-Agrody, Ahmed M; Amr, Abd El-Galil E; Al-Omar , Mohamed A; Ghabbour, Hazem A;	X-ray characterizations of new synthesized 3-amino-1-(2, 6-difluorophenyl)-8-methoxy-1H-benzo [f] chromene-2-carbonitrile	Journal of Computational and Theoretical Nanoscience	14	3994-3999	2017
Afifi, Tarek H; El-Agrody, Ahmed M; Amr, Abd El-Galil E; Al-Omar , Mohamed A; Ghabbour, Hazem A;	X-ray characterization and antimicrobial activity of synthesized new 3-amino-8-bromo-1-(3, 4-dimethoxyphenyl)-1H-benzo [f] chromene-2-carbonitrile	Journal of Computational and Theoretical Nanoscience	14	3924-3929	2017
Al-Salem, Huda SA; Naglah, Ahmed M; Moustafa, Gaber O; Mahmoud, Amany Z; Al-Omar , Mohamed A;	Synthesis of novel tripeptides based on dibenzofuran-2-sulfonyl-[aromatic and hydroxy aromatic residues]: Towards antimicrobial and antifungal agents	Journal of Computational and Theoretical Nanoscience	14	3958-3966	2017
Fouda, Ahmed M; Amr, Abd El-Galil E; El-Agrody, Ahmed M; Al-Omar , Mohamed A; Ghabbour, Hazem A;	Spectroscopic Data, Single X-ray and Antimicrobial Activity of Microwave Synthesized 3-Amino-8-Bromo-1-(2, 5-dichlorophenyl)-1H-Benzo [f] Chromene-2-Carbonitrile	Journal of Computational and Theoretical Nanoscience	14	3831-3836	2017
Khalifa, NM; Al-Omar , MA; Ali, Omar Makram; Khalifa, Nagy M; Srour, Aladdin M; Abd El-Karim, Somaia S; Saleh, Dalia O; Al-Omar , Mohamed A;	Synthesis and reactions of some new (E)-2-cyano-N'-[1-(pyren-3-yl) ethylidene] acetohydrazide derivatives	Russian Journal of General Chemistry	87	2083-2086	2017
Okasha, Rawda M; El-Agrody, Ahmed M; Amr, Abd El-Galil E; Al-Omar , Mohamed A; Ghabbour, Hazem A;	Synthesis and 2D-QSAR study of active benzofuran-based vasodilators	Molecules	22	1820	2017
Al-Omar , MA; Khalifa, NM; Amr, AE;	Synthesis and X-ray Single Crystals Characterizations of 2-Amino-4-(2-chlorophenyl)-6-Chloro-4H-Benzo [h] Chromene-3-Carbonitrile	Journal of Computational and Theoretical Nanoscience	14	5286-5291	2017
Khalifa, NM; Al-Omar , MA; Ahmed, NS; Bhat, Mashooq Ahmad; Al-Omar , Mohamed A; Raish, Mohammad; Ansari, Mushtaq Ahmad; Abuelizz, Hatem A;	Synthesis and characterization of novel pyran and pyranopyrimidines linked 8-hydroxy-7-iodoquinoline-5-sulfonamide derivatives	Russian Journal of General Chemistry	87	2467-2471	2017
	Synthesis and reactions of some novel 1-(2, 7-dimethyl-1, 8-naphthyridin-4-yl) hydrazine candidates	Russian Journal of General Chemistry	87	2462-2466	2017
	Cyclooxygenase inhibitors	Patents			2017

Okasha, Rawda M; Amr, Abd El-Galil E; El-Agrody, Ahmed M; Al-Omar , Mohamed A; Ghabbour, Hazem A;	Synthesis, X-ray characterization and antimicrobial activity of 3-amino-1-(2, 4-dichlorophenyl)-8-methoxy-1H-benzo [f] chromene-2-carbonitrile	Journal of Computational and Theoretical Nanoscience	14	5717-5721	2017
Khalifa, NM; Al-Omar , MA; Ali, Omar Makram;	Synthesis and characterization of novel chalcones linked 3-[1-(3-chlorophenyl)-3-(pyren-1-yl)]-1 H-pyrazole moiety	Russian Journal of General Chemistry	87	2699-2702	2017
Khalifa, NM; Al-Omar , MA; Taha, MM;	Synthesis of Novel 4-[1-(3-Chlorophenyl)-3-(pyren-1-yl)-1 H-pyrazol-4-yl]-2-alkyloxy-6-substituted pyridine-3-carbonitriles	Russian Journal of General Chemistry	87	2966-2969	2017
Khalifa, NM; Al-Omar , MA; Nossier, ES;	Antimicrobial activity of some new N-glycosylidene carbonylhydrazide derivatives	Russian Journal of General Chemistry	87	2909-2914	2017
Khalifa, NM; Al-Omar , MA; Ali, Omar Makram;	Synthesis of Novel 4-[1-(3-Chlorophenyl)-3-(pyren-1-yl)-1 H-pyrazol-4-yl]-6-(substituted phenyl)-1, 2-dihydro-2-oxo (imino) pyridine-3-carbonitriles	Russian Journal of General Chemistry Zeitschrift für Kristallographie-New Crystal Structures	87	2933-2936	2017
Ghabbour, Hazem A; Abdel-Wahab, Bakr F; Alamri, Mesfer; Al-Omar , Mohamed A; El-Hiti, Gamal A;	Crystal structure of 2-(5-(4-fluorophenyl)-3-p-tolyl-4, 5-dihydro-1 H-pyrazol-1-yl)-4-(5-methyl-1-p-tolyl-1 H-1, 2, 3-triazol-4-yl) thiazole, C ₂₉ H ₂₅ FN ₆ S	Zeitschrift für Kristallographie-New Crystal Structures	232	21-23	2017
Amr, AE; Al-Omar , MA;	Synthesis of chiral linear and macrocyclic candidates: VI. Synthesis and antibacterial activity of some macrocyclic tripeptides and linear dipeptide Schiff bases	Russian Journal of General Chemistry Zeitschrift für Kristallographie-New Crystal Structures	86	161-166	2016
Amr, Abd El-Galil E; Al-Omar , Mohamed A; Khalifa, Nagy M; Ghabbour, Hazem A; Ali, Korany K;	Crystal structure of 3-(6-(5-amino-1-phenyl-1 H-pyrazol-3-yl) pyridin-2-yl)-1-phenyl-1 H-pyrazol-5-amine-dioxan (2/1), C ₂₅ H ₂₃ N ₇ O	Zeitschrift für Kristallographie-New Crystal Structures	231	597-599	2016
Abd El-Wahed, MG; El-Megharbel, SM; El-Sayed, MY; Zahran, YM; Refat, MS; Al-Omar , MA; Naglah, AM;	Synthesis, spectral, antimicrobial, and thermal properties of Ce (III), Gd (III), Nd (III), Tb (III), and Er (III) gliclazide complexes	Russian Journal of General Chemistry	86	391-399	2016
Khalifa, NM; Nossier, ES; Al-Omar , MA; Amr, AE;	Synthesis and characterization of novel 1-[(2-hydroxyethoxy) methyl]-6-(phenylthio) thymine (HEPT) and dihydro-alkylthio-benzyloxypyrimidine (S-DABO) analogs containing a benzo [d] thiazol moiety	Russian Journal of General Chemistry	86	400-405	2016
Naglah, Ahmed M; Ahmed, Atallah F; Wen, Zhi-Hong; Al-Omar, Mohamed A; Amr, Abd El-Galil E; Kalmouch, Atef;	New inducible nitric oxide synthase and cyclooxygenase-2 inhibitors, nalidixic acid linked to isatin schiff bases via certain l-amino acid bridges	Molecules Zeitschrift für Kristallographie-New Crystal Structures	21	498	2016
Ghabbour, Hazem A; Al-Omar , Mohamed A;	Crystal structure of N-(5-bromo-4-(p-tolyl) thiazol-2-yl)-4-chlorobutanamide, C ₁₄ H ₁₄ BrClN ₂ OS	Zeitschrift für Kristallographie-New Crystal Structures	231	859-860	2016
Refat, Moamen S; El-Megharbel, Samy M; Kobeasy, Mohamed I; Mahamoud, Ghada I; Al-Omar , Mohamed A; Naglah, Ahmed M;	Synthesis, spectroscopic characterizations and biological activities of vanadyl (II) folate compound as a new anti-DNA damage and antioxidant agent	Journal of Molecular Liquids	220	468-477	2016

Naglah, AM; Al-Omar , MA; Ibrahim, OB; Refat, MS; Adam, AMA; Saad, HA; El-Metwaly, NM;	Charge-transfer complexes of two highly efficient drugs with σ - and π -acceptors: Spectroscopic, thermal, and surface morphology characteristics	Russian Journal of General Chemistry	86	965-974	2016
Khalifa, NM; Nossier, ES; Al-Omar , MA; Amr, AE; Abd El Galil, E Amr; Al-Omar, Mohamed A; Abdalla, Mohamed M;	Synthesis of some novel S-alkylated and S-glycosylated hydantoin derivatives containing pyrene moiety	Russian Journal of General Chemistry	86	919-923	2016
Abd El Galil, E Amr; Al-Omar , Mohamed A; Abdalla, Mohamed M;	A potent cyclooxygenase-2 inhibitor for synthesized pyrimidine and thiazolopyrimidine derivatives	International Journal of Pharmacology	12	86-91	2016
Abd El Galil, E Amr; Al-Omar , Mohamed A; Abdalla, Mohamed M;	Monoamino oxidase inhibitors activities of some synthesized 2, 6-bis (tetracarboxamide)-pyridine and macrocyclic octacarboxamide derivatives	International Journal of Pharmacology	12	66-73	2016
Abd El Galil, E Amr; Al-Omar , Mohamed A; Abdalla, Mohamed M;	Analgesic, anticonvulsant and antiparkinsonian activities of some synthesized 2, 6-bis (tetracarboxamide)-pyridine and macrocyclic tripeptide derivatives	International Journal of Pharmacology	12	74-80	2016
Khalifa, NM; Al-Omar , MA; Amr, AE; Naglah, AM; Shinwari, Z; Bhat, MA; Al-Tahhan, M; Al-Omar , MA; Al-Dhfyhan, A;	Synthesis and characterization of new acyclic nucleosides analogues derived from 2-phenyl quinoline candidates	Russian Journal of General Chemistry	86	1115-1119	2016
Abd El Galil, E Amr; Ghalia, Mohamed H Abu; Al-Omar , Mohamed A; Abdalla, Mohamed M;	Targeting leukemic side population cells by isatin derivatives of nicotinic acid amide	J. Biol. Regul. Homeost. Agents	30	353-363	2016
Amr, AE; Mohamed, SF; Al-Omar, MA; Ghabbour, HA;	Anticancer activities of some macrocyclic peptidocalix [4] arene and peptidopyridine candidates	Latin American Journal of Pharmacy	35	734-739	2016
El-Agrody, Ahmed M; Amr, Abd El-Galil E; Sabry, Nermien M; Al-Omar , Mohamed A; Ghabbour, Hazem A;	Synthesis, single crystal x-ray analysis, and antimicrobial activity of new (22E)-N'-(4-methoxybenzylidene)-2-[3-cyano-7, 8-dihydro-4-(5-methylfuran-2-yl)-2-oxo-2 H-pyrano [4, 3-b] pyridin-1 (5 H)-yl] acetohydrazide	Russian Journal of General Chemistry	86	1758-1761	2016
El-Hiti, Gamal A; Abdel-Wahab, Bakr F; Alamri, Mesfer; Al-Omar , Mohamed A; Ghabbour, Hazem A;	Crystal structure of 3-amino-9-methoxy-1-phenyl-1 H-benzo [f] chromene-2-carbonitrile, C ₂₁ H ₁₆ N ₂ O ₂	Zeitschrift für Kristallographie-New Crystal Structures	231	1193-1195	2016
Amr, Abd El-Galil E; Hafez, Naglaa A Abdel; Ali, Korany A; Al-Omar , Mohamed A; Ghabbour, Hazem A;	Crystal structure of 5-(2-chloro-5-nitrophenyl)-3-(4-chlorophenyl)-N-ethyl-4, 5-dihydro-1 H-pyrazole-1-carbothioamide, C ₁₈ H ₁₆ Cl ₂ N ₄ O ₂ S	Zeitschrift für Kristallographie-New Crystal Structures	231	1169-1170	2016
Refat, Moamen S; Saad, Hosam A; ADAM, ABDEL; MAJID, A; AL-OMAR , MOHAMED A; NAGLAH, AHMED M;	Crystal structure of 1, 4-dihydro-1-phenylchromeno [4, 3-c] pyrazole, C ₁₆ H ₁₂ N ₂ O	Zeitschrift für Kristallographie-New Crystal Structures	231	1185-1187	2016
	Charge transfer interaction of organicp-acceptors with the anti-hyperuricemic drug allopurinol: Insights from IR, Raman, 1H NMR and 13C NMR spectroscopies	Acta Pharmaceutica	66	533-542	2016

Amr, AE; Hafez, NAA; Ali, KA; Al-Omar , MA; Ghabbour, HA;	Synthesis and X-ray study of 6 H-chromeno [3, 4-e][1, 3, 4] triazolo [2, 3-a] pyrimidine	Russian Journal of General Chemistry	86	1944-1947	2016
Khalifa, NM; Nossier, ES; Al-Omar , MA; Amr, AE; Abd El Galil, E Amr; Al-Omar , Mohamed A; Abdalla, Mohamed M;	Synthesis, reactions, and antimicrobial activity of some novel fused thiazolo [3, 2-a] pyrimidine-5 H-indeno [1, 2-d] pyrimidine derivatives	Russian Journal of General Chemistry	86	1948-1953	2016
Moamen S. Refat, Gehad G. Mohamed, Mohamed Y. El-Sayed, Hamada M. A. Killa, Hammad Fetooh, Mohamed A. Al-Omar , and Ahmed M. Naglah;	Anti-inflammatory and antipyretic activities of some thiopyrimidine, pyrazoline, and thiazolopyrimidine derivatives	Latin American Journal of Pharmacy	35	950-955	2016
Omar B. Ibrahim, Moamen S. Refat, Abdel Majid A. Adam, Mohamed A. Al-Omar , and Ahmed M. Naglah;	Preparation, Spectroscopic, Theoretical Thermodynamic and Antimicrobial Discussions of Zr(IV), Ce(III) and Th(IV) Ibuprofen Drug Complexes	Journal of Computational and Theoretical Nanoscience	13	5269-5276	2016
Omar B. Ibrahim, Moamen S. Refat, Abdel Majid A. Adam, Mohamed A. Al-Omar , and Ahmed M. Naglah;	Shedding Light on the Usefulness of Chemical Reaction Between Urea and Transition Metal Ions to Produce Metal Oxides in Nanoscale: Part Three	Journal of Computational and Theoretical Nanoscience	13	5543-5549	2016
Moamen S. Refat, Sabry A. El-Korashy, Annie K. Powell, Mostafa A. Hussien, Mohamed A. Al-Omar , and Ahmed M. Naglah;	Nanostructured Products Formed Between Urea and Several Divalent Transition Metal Ions: Part One	Journal of Computational and Theoretical Nanoscience	13	5530-5536	2016
Omar B. Ibrahim, Moamen S. Refat, Abdel Majid A. Adam, Mohamed A. Al-Omar , and Ahmed M. Naglah;	Synthesis, Spectroscopic, Structural Assignments and Theoretical Calculation of Thermodynamic Parameters of Indomethacin and Diclofenac Anti-Rheumatic Drug Complexes	Journal of Computational and Theoretical Nanoscience	13	5484-5492	2016
Moamen S. Refat, Abdel Majid A. Adam, Mohamed A. Al-Omar , and Ahmed M. Naglah;	Utilization of Metal Complexation with Urea to Obtain Nanostructured Metal Oxide: Part Two	Journal of Computational and Theoretical Nanoscience	13	5537-5542	2016
Moamen S. Refat, Sabry A. El-Korashy, Annie K. Powell, Mostafa A. Hussien, Mohamed A. Al-Omar , and Ahmed M. Naglah;	A New Chemical Reactions for Preparation of Ba(II), Sr(II), Ca(II) and Mg(II) Oxalate in Nano-Structure form Using Carbamide at Elevated Temperature: Part Four	Journal of Computational and Theoretical Nanoscience	13	5550-5553	2016
M. Azab, N. Khalifa, A. Sediek, N. Sabry, M. Al-Omar , A. E. Amr; Al-Rashood, Sarah TA; Hassan, Ghada S; El-Messery, Shahenda M; El-Taher, Kamal EH; Hefnawy, Mohamed M; Al-Omar , Mahmmmed A; El-Subbagh, Hussein I;	Synthesis and Molecular Structures of Some New Cu(II) and Fe(III) Diclofenac Drug Complexes in Different Solvents	Journal of Computational and Theoretical Nanoscience	13	5399-5407	2016
Bhat, Mashooq Ahmad; Al-Dhfyan, Abdullah; Al-Omar , Mohamed A;	Synthesis and Characterization of Some New N-Glycosides of Pyridine-2,6-bis-Carboxamides Derivatives	Nucleosides, Nucleotides and Nucleic Acids	35	435-444	2016
	Synthesis, biological evaluation and molecular modeling study of some new thiazolodiazepine analogs as CNS active agents Targeting cancer stem cells with novel 4-(4-substituted phenyl)-5-(3, 4, 5-trimethoxy/3, 4-dimethoxy)-benzoyl-3, 4-dihydropyrimidine-2 (1 H)-one/thiones	Bioorganic & Medicinal Chemistry Letters	26	445-453	2016
		Molecules	21	1746	2016

Amr, Abd El-Galil E; Al-Omar , Mohamed A; Abdalla, Mohamed M;	Pharmacological activity of some 2, 6-bis (thieno [2, 3-b] pyrimidine) pyridine derivatives as antiulcerogenic agents	Journal of Computational and Theoretical Nanoscience	13	7351-7354	2016
Khalifa, NM; Amr, AEG; Al-Omar , MA; Nossier, ES;	Synthesis, characterization, and antimicrobial activity of some chiral linear carboxamides with incorporated peptide linkage	Russian Journal of General Chemistry	86	2785-2790	2016
Khalifa, NM; Al-Omar , MA; Amr, AE;	Synthesis and characterization of novel 5-allyl-6-((benzo [d] thiazol-2-yl) methyl)-2-(alkylsulfanyl) oxopyrimidine derivatives	Russian Journal of General Chemistry	86	2752-2758	2016
Refat, Moamen S; Saad, Hosam A; Eldaroti, Hala; Adam, Abdel Majid; Al-Omar , Mohamed A; Naglah, Ahmed M;	Charge-transfer interactions between nitrogen moieties as a basis for different drugs with a picric acid acceptor.	ScienceAsia	42	397-406	2016
Al-Salahi, Rashad A; Al-Omar , Mohamed A; Alswaidan, Ibrahim; Marzouk, Mohamed; El-Senousy, Waled M; Amr, Abd El-Galil E; Amr, Abd El-Galil E; El-Salam, Osama I Abd; Al-Omar , Mohamed A;	Antiviral activities of some synthesized methylsulfanyltriazoloquinazoline derivatives	Research on Chemical Intermediates	41	151-161	2015
Naglah, Ahmed M; Awad, Hassan M; Bhat, Mashooq A; Al-Omar , Mohamed A; Amr, Abd El-Galil E;	Synthesis of chiral macrocycles: I. Synthesis and study of cyclo (N α -dinicotinoyl) pentapeptide candidates	Russian Journal of General Chemistry	85	1161-1166	2015
Bhat, Mashooq Ahmad; Al-Dhfyhan, Abdullah; Khan, Azmat Ali; Al-Harbi, Nouf; Manogaran, PS; Alanazi, Amer M; Fun, Hoong-Kun; Al-Omar , Mohamed A;	Microwave-Assisted Synthesis and Antimicrobial Activity of Some Novel Isatin Schiff Bases Linked to Nicotinic Acid via Certain Amino Acid Bridge	Journal of chemistry	2015	364841	2015
Bhat, Mashooq Ahmad; Al-Omar , Mohamed A; Naglah, Ahmed M; Abdulla, Mohamed M; Fun, Hoong-Kun;	Targeting HER-2 over expressed breast cancer cells with 2-cyclohexyl-N-[(Z)-(substituted phenyl/furan-2-yl/thiophene-2-yl) methylidene] hydrazinecarbothioamide	Bioorganic & Medicinal Chemistry Letters	25	83-87	2015
Khalifa, Nagy M; Al-Omar , Mohamed A; Amr, Abd El-Galil E; Baiuomy, Ayman R; Abdel-Rahman, Rehab F;	Synthesis and antitumor activity of 4-cyclohexyl/aryl-5-(pyridin-4-yl)-2, 4-dihydro-3 H-1, 2, 4-triazole-3-thiones	Medicinal Chemistry Research	24	1558-1567	2015
Ibrahim, Alhussein A; Mohamed, Ashraf M; Amr, Abd El-Galil E; Al-Omar , Mohamed A;	Synthesis and biological evaluation of some novel fused thiazolo [3, 2-a] pyrimidines as potential analgesic and anti-inflammatory agents	Russian Journal of Bioorganic Chemistry	41	192-200	2015
Refat, Moamen S; Elfalaky, A; Elesh, Eman; Naglah, Ahmed M; Al-Omar , Mohamed A;	Synthesis of chiral linear and macrocyclic candidates: II. Synthesis and investigation of 3, 5-bis-linear and macrocyclic tetrapeptide Schiff base pyridine derivatives	Russian Journal of General Chemistry	85	1506-1512	2015
Abdulla, Mohamed M; Amr, Abd El-Galil E; Hussain, Azza A; Al-Omar , Mohamed A; Shalaby, AFA;	Electrical properties on charge transfer complex of norfloxacin drug with iodine acceptor	International Journal of Electrochemical Science	10	6533-6543	2015
Azab, ME; Amr, AE; Al-Omar , MA;	Synthesis and reactions of pyrazolines. Part I: synthesis of some 1, 3, 5-trisubstituted pyrazoline derivatives using 2-chloro-N-(4-(3-(substituted phenyl) acryloyl) phenyl)-5-methoxybenzamide as starting material	Research on Chemical Intermediates	41	127-138	2015
	Synthesis of chiral macrocyclic candidates: IV. Synthesis and antimicrobial activity of some tricyclooctacos (triaconta) hexaene bis-Schiff base derivatives	Russian Journal of General Chemistry	85	1952-1958	2015

El-Subbagh, Hussein I; Alaa, A-M; Al-Omar , Mohamed A; Al-Omary, Fatmah A;	Interaction of some new 2-(substituted-thio)-quinazolin-4-ones with molybdenum hydroxylases: A pharmacophore prediction	Future Journal of Pharmaceutical Sciences	1	50-56	2015
Hussain, Azza A; Abdulla, Mohamed M; Amr, Abd El-Galil E; Al-Omar , Mohamed A; Shalaby, Ahmed FA;	Anti-inflammatory activities of some newly synthesized pyridinyl- and indazolyl benzamide derivatives	Russian Journal of Bioorganic Chemistry	41	87-96	2015
Hussein, Mohamed MM; Amr, Abd El-Galil E; Abdalla, Mohamed M; Al-Omar , Mohamed A; Safwat, Hany M; Elgamal, Mohamed H;	Synthesis of androstanopyridine and pyrimidine compounds as novel activators of the tumor suppressor protein p53	Zeitschrift für Naturforschung C	70	205-216	2015
Bhat, Mashooq A; Al-Dhfyan, Abdullah; Naglah, Ahmed M; Ali Khan, Azmat; Al-Omar , Mohamed A;	Lead optimization of 2-Cyclohexyl-N-[(Z)-(3-methoxyphenyl/3-hydroxyphenyl) methylidene] hydrazinecarbothioamides for targeting the HER-2 overexpressed breast cancer cell line SKBr-3	Molecules	20	18246-18263	2015
El-Megharbel, Samy Mahmoud; Hamza, Reham Zakaria; Refat, MS; Al-Omar , MA; Naglah, AM;	EFFECT OF INDOMETHACIN AND ITS COMPLEXES ON REPRODUCTIVE PERFORMANCE AND OXIDATIVE STRESS IN TESTIS AND STOMACH OF MALE ALBINO RATS WITH REFERENCE TO THEIR CHEMICAL CHARACTERIZATIONS.	Journal of Biological Regulators and Homeostatic Agents	29	619-636	2015
Naglah, Ahmed M; Kalmouch, Atef; Awad, Hassan M; Al-Omar , Mohamed A; Amr, Abd El-Galil E;	Antimicrobial evaluation and microwave-assisted synthesis of some Schiff's bases from isatin with amino acid conjugates of nalidixic acid	Amino Acids	47	1632-1632	2015
Bhat, Mashooq A; Al-Omar , Mohamed A; Ansari, Mushtaq A; Zoheir, Khairy MA; Imam, Faisal; Attia, Sabry M; Bakheet, Saleh A; Nadeem, Ahmed; Korashy, Hesham M; Voronkov, Andrey;	Design and synthesis of n-arylphthalimides as inhibitors of glucocorticoid-induced tnf receptor-related protein, proinflammatory mediators, and cytokines in carrageenan-induced lung inflammation	Journal of Medicinal Chemistry	58	8850-8867	2015
Refat, Moamen S; Adam, Abdel Majid A; Saad, Hosam A; Naglah, Ahmed M; Al-Omar , Mohamed A;	Charge-transfer Complexation and Photostability Characteristics of Iodine with bis-1, 8-naphthalimide as a Photosensitive Biologically Active Units in Solution and in the Solid State: Linear Correlation of Photostability and Dissociation Energy	International Journal of Electrochemical Science	10	6405-6421	2015
Naglah, AM; Amr, AE; Khalifa, NM; Al-Omar , MA;	Synthesis of chiral macrocycles: V. synthesis of some cyclo-(N a-dinicotinoyl) aromatic octapeptides and cyclo-(N a-dinicotinoyl) pentapeptide Lysine Schiff Bases	Russian Journal of General Chemistry	85	2833-2838	2015
Naglah, Ahmed M; Al-Omar , Mohamed A; El-Megharbel, Samy M; Refat, Moamen S;	Structural, conductometric and antimicrobial investigations of ibuprofen analgesic drug complexes with certain metal ions.	International Journal of Pharmacology	11	773-785	2015
Abd El Galil, E Amr; Al-Omar , Mohamed A; Abdalla, Mohamed M;	Biological evaluations of some synthesized pyrimidothieno [2, 3-b] pyrimidine candidates as antiulcer agents	International Journal of Pharmacology	11	840-845	2015
Khalifa, NM; Al-Omar , MA; Sediek, AA;	Synthesis and characterization of some novel substituted pyridones and iminopyridines derived from pyrene moiety	Russian Journal of General Chemistry	85	2839-2844	2015

Naglah, Ahmed M; Al-Omar , Mohamed A; Adam, Abdel Majid A; Refat, Moamen S;	Charge-transfer complexes formed between the sweeteners saccharin drug and acido acceptors: structural, thermal and morphological features.	International Journal of Pharmacology	11	929-937	2015
Khalifa, NM; Al-Omar , MA; Mohamed, NA; El-Serwy, WS; Said, Said A; Abd El Galil, E Amr; El-Sayed, Hassan A; Al-Omar , Mohamed A; Abdalla, Mohamed M;	Synthesis and characterization of some new S-alkylated and mannich bases carrying 2-thioxoimidazolidin-4-one moiety	Russian Journal of General Chemistry	85	2828-2832	2015
Khayyat, Suzan A; Abd El Galil, E Amr; Abd El-Salam, Osama I; Al-Omar , Mohamed A; Abdalla, Mohamed M;	Synthesized of some heterocyclic systems and their nucleoside of potent anti-inflammatory activities	International Journal of Pharmacology	11	502-507	2015
Bhat, Mashooq Ahmad; Khan, Abdul Arif; Khan, Shahanavaj; Al-Omar , Mohamed A; Parvez, Mohammad Khalid; Al-Dosari, Mohammed Salem; Al-Dhfyhan, Abdullah;	Analgesic and anti-inflammatory activities of some newly synthesized 3, 5-bis-[(peptidohydrazinyl) pyridine schiff bases	International Journal of Pharmacology	11	423-431	2015
Eweas, Ahmad F; Khalifa, Nagy M; Ismail, Nisreen S; Al-Omar , Mohamed A; Soliman, Abdel Mohsen M;	Synthesis and anti-Candidal activity of N-(4-aryl/cyclohexyl)-2-(pyridine-4-yl carbonyl) hydrazinecarbothioamide	Bioorganic & Medicinal Chemistry Letters	24	1299-1302	2014
Naglah, AM; Khalifa, NM; Al-Omar , MA; Awad, HM; Amr, AE;	Synthesis, molecular docking of novel 1, 8-naphthyridine derivatives and their cytotoxic activity against HepG2 cell lines	Medicinal Chemistry Research	23	76-86	2014
Abdulla, Mohamed M; Amr, Abd El-Galil E; Al-Omar , Mohamed A; Hussain, Azza A; Shalaby, Ahmed FA;	In vitro antimicrobial activity of some newly synthesized polypeptide candidates	Digest Journal of Nanomaterials and Biostructures	9	433-442	2014
Fayed, Ahmed A; Amr, Abd El-Galil E; Al-Omar , Mohamed A; Mostafa, Elsayed E;	Synthesis and pharmacological activities of some novel 5-chloro-N-(4-(1, 5-(disubstituted)-4, 5-dihydro-1 H-pyrazol-3-yl) phenyl)-2-methoxybenzamide derivatives	Medicinal Chemistry Research	23	2113-2121	2014
Khalifa, Nagy M; Naglah, Ahmed M; Al-Omar , Mohamed A; Abo-Ghalia, Mohamed H; Amr, Abd El-Galil E;	Synthesis and antimicrobial activity of some new substituted pyrido [3', 2': 4, 5] thieno [3, 2-d]-pyrimidinone derivatives	Russian Journal of Bioorganic Chemistry	40	308-313	2014
Rahman, Somaya E Abdel; Naglah, Ahmed M; Al-Omar , Mohamed A; Kalmouch, Atef; Amin, Rasha A;	Synthesis and reactions of new chiral linear carboxamides with an incorporated peptide linkage using nalidixic acid and amino acids as starting materials	Zeitschrift für Naturforschung B	69	351-361	2014
Abdalla, Mohamed M; Amr, Abd El-Galil E; Al-Omar , Mohamed A; Hussain, Azza A; Amer, Mohamed S;	Haematological measurements for some new erythropoietin hormone analogues synthesized by use of a modified method	Research on Chemical Intermediates	40	1691-1702	2014
Khalifa, Nagy M; Al-Omar , Mohamed A;	Androgenic-anabolic activities of some new synthesized steroidal pyrane, pyridine, and thiopyrimidine derivatives	Russian Journal of Bioorganic Chemistry	40	568-578	2014
Abdulla, MM; Amr, AE; Al-Omar , MA; Hussain, AA; Amer, MS;	Synthesis and Biological Evaluation of 2-Thioxopyrimidin-4 (1 H)-one Derivatives as Potential Non-Nucleoside HIV-1 Reverse Transcriptase Inhibitors	International Journal of Molecular Sciences	15	20723-20735	2014
	Anti-androgenic, anti-prostate cancer activities and EGFR, VEGFR-2 kinase inhibitors of some steroidal derivatives	Digest Journal of Nanomaterials and Biostructures	9	609-625	2014

Hassan, Ghada S; El-Subbagh, Hussein I; Al-Omar , Mohamed A; El-Taher, Kamal EH; Al-Rashood, Khalid A; Al-Obaid, Abdulrahman M; El-Azab, Adel S; Abdelaziz, Alaa A-M; Al-Omary, Fatmah A; Hefnawy, Mohamed M; Khalifa, Nagy M; Pedersen, Erik B; Nielsen, Claus; Al-Omar , Mohamed A;	6, 7-dihydro-[1, 3, 4] thiadiazolo-[3, 2-a][1, 3] diazepin derivatives and pharmaceutical compositions containing the same as hypnotic or anesthetic agent and method for their preparation	Patents			2014
Khalifa, Nagy M; Abdel-Rahman, Adel AH; Abd El Gwaad, Amina A; Al-Omar , Mohamed A; El-Azab, Adel S; El-Subbagh, Hussein I; Al-Rashood, Khalid A; El-Taher, Kamal EH; Al-Omar , Mohamed A; Hassan, Ghada S; Al-Omary, Fatmah A; Abdelaziz, Alaa A-M; Hefnawy, Mohamed M;	Synthesis and evaluation of novel 6-(3, 5-dimethylbenzyl) uracil analogs as potential anti-HIV-1 agents	Russian Journal of Bioorganic Chemistry	40	579-585	2014
Hussain, Azza A; Shalaby, AFA; Abdulla, MM; Amr, AEGE; Al-Omar , MA;	Synthesis and characterization of some novel substituted thiazolo [3, 2-a] pyridine and thioxopyrimido [4, 5-d] pyrimidine derivatives	Asian Journal of Chemistry	26	8202	2014
Khalifa, Nagy M; Mohamed, Mosaad S; Zaki, Magdi E; Al-Omar , Mohamed A; Zohny, Yasser M;	6, 7-dihydro-[1, 3, 4] thiadiazolo-[3, 2-a][1, 3] diazepin derivative and pharmaceutical composition containing the same as neuromuscular blocker or skeletal muscle relaxant, and method for the preparation	Patents			2014
Khalifa, Nagy M; Naglah, Ahmed M; Al-Omar , Mohamed A; Amr, Abd El-Galil E;	Synthesis and anti-inflammatory activities of some new substituted benzocarboxamide pyrimidine derivatives using N-(4-Acetylphenyl)-5-chloro-2-methoxybenzamide as starting material	Asian Journal of Chemistry	26	8514-8520	2014
Abdel Rahman, Somaya E; Naglah, Ahmed M; Al-Omar , Mohamed A; Kalmouch, Atef; Amin, Rasha A;	Synthesis, characterization and pharmacological investigations of some novel heterocyclic derivatives incorporating pyrene and sugar moieties	Research on Chemical Intermediates	40	1565-1574	2014
Khalifa, N; Eweas, Ahmad; Al-Omar , Mohamed A; Hozzein, WN; Khalifa, Nagy M; Al-Omar , Mohamed A; Abd El Galil, E Amr; Abd-Elmoez, Sherein I;	Synthesis and reactions of new chiral linear dipeptide candidates using nalidixic acid as starting material	Zeitschrift für Naturforschung B	69	728-736	2014
Abdulla, Mohamed M; Abd El Galil, E Amr; Al-Omar , Mohamed A; Hussain, Azza A; Amer, Mohamed S;	Haematological measurements for some new erythropoietin hormone analogues synthesized by use of a modified method	Research on Chemical Intermediates	40	1691-1702	2014
Abdulla, Mohamed M; Abd El Galil, E Amr; Khalifa, Nagy M; Al-Omar , Mohamed A;	Synthesis and antimicrobial activity of some novel 8-hydroxy-7-iodoquinoline-5-sulfonamide derivatives	J. Pure Appl. Microbiol	8	629-637	2014
El-Emam, Ali A; Al-Tamimi, Abdul-Malek S; Al-Omar , Mohamed A; Alrashood, Khalid A; Habib, Elsayed E;	Antimicrobial evaluation of some pyridone and hydantoin n-glycosides carrying pyrene moiety	Journal of Pure and Applied Microbiology	8	505-510	2014
	Androgenic anabolic activities of some substituted androstan [16, 17-c] pyrazoline and androstan [17, 16-c] isoxazole derivatives	Journal of Pure and Applied Microbiology	8	447-454	2014
	Follicle-stimulating hormone (FSH) activities of some synthesized candidates	Journal of Pure and Applied Microbiology	8	197-204	2014
	Synthesis and antimicrobial activity of novel 5-(1-adamantyl)-2-aminomethyl-4-substituted-1, 2, 4-triazoline-3-thiones	European journal of medicinal chemistry	68	96-102	2013

Bhat, Mashooq A; Al-Omar , Mohamed A; Al-Salahi, Rashad; Marzouk, Mohamed; Awad, Ghada; Al-Omar , Mohamed; Ezzeldin, Essam;	Synthesis, characterization, and in vitro anti-Mycobacterium tuberculosis activity of terpene Schiff bases	Medicinal Chemistry Research	22	4522-4528	2013
	Antimicrobial activity of newly synthesized methylsulfanyl-triazoloquinazoline derivatives	Journal of Pharmacy and Pharmacology	65	790-797	2013
Khalifa, Nagy M; Al-Omar , Mohamed A; Amr, Abd El-Galil E; Haiba, Magedda E;	HIV-1 and HSV-1 virus activities of some new polycyclic nucleoside pyrene candidates	International journal of biological macromolecules	54	51-56	2013
Al-Salahi, Rashad; Al-Swaidan, Ibrahim; Al-Omar , Mohamed; Marzouk, Mohamed;	Antiviral Activity of 2-Phenoxy-[1, 2, 4] Triazolo [1, 5-a] Quinazoline Derivatives	Life Sci. J	10	2164-2169	2013
Alanazi, Amer M; Al-Omar , Mohamed A; Abdulla, Mohamed M; Amr, Abd El-Galil E;	Anti-arthritic and immunosuppressive activities of substituted triterpenoidal candidates	International journal of biological macromolecules	58	245-252	2013
Bhat, Mashooq Ahmad; Al-Omar , Mohamed A; Siddiqui, Nadeem;	Antimicrobial activity of Schiff bases of coumarin-incorporated 1, 3, 4-oxadiazole derivatives: an in vitro evaluation	Medicinal Chemistry Research	22	4455-4458	2013
Al-Salahi, Rashad A; Gamal-Eldeen, Amira M; Alanazi, Amer M; Al-Omar , Mohamed A; Marzouk, Mohamed A; Fouda, Moustafa MG;	Cytotoxic and anti-inflammatory active methylsulfanyltriazoloquinazolines	Journal of Pure and Applied Microbiology	7	189-198	2013
Al-Salahi, Rashad A; Gamal-Eldeen, Amira M; Alanazi, Amer M; Al-Omar , Mohamed A; Marzouk, Mohamed A; Fouda, Moustafa MG;	RETRACTED: Cytotoxicity and Anti-Inflammatory Activity of Methylsulfanyl-Triazoloquinazolines	Molecules	18	1434-1446	2013
Sabry, Nermien M; Flefel, Eman M; Al-Omar , Mohamed A; Amr, Abd El-Galil E;	Synthesis and Antimicrobial Activities of Some New Synthesized Imide and Schiff' s Base Derivatives	Journal of Chemistry	2013	106734	2013
El-Emam, Ali A; Al-Omar , Mohamed A; Al-Obaid, A-RM; Ng, Seik Weng; Tiekink, Edward RT;	3-[(4-Phenylpiperazin-1-yl) methyl]-5-(thiophen-2-yl)-2, 3-dihydro-1, 3, 4-oxadiazole-2-thione	Acta Crystallographica Section E: Structure Reports Online	69	o684-o684	2013
Al-Salahi, Rashad; Marzouk, Mohamed; Al-Omar , Mohamed A; Amr, AE-GE; Ng, Seik Weng; Tiekink, Edward RT;	2-Methylsulfanyl-1, 2, 4-triazolo [1, 5-a] quinazoline-5 (4H)-thione	Acta Crystallographica Section E: Structure Reports Online	69	o434-o434	2013
Abdulla, Mohamed M; Amr, AE; Al-Omar , Mohamed A; Hussain, Azza A; Amer, Mohamed S;	Synthesis and reactions of some new substituted androstanopyrazoline and androstanoisoxazole derivatives using their arylmethylene as starting materials	Life Sci. J	10	599-607	2013
Amr, AE-GE; El-Agrody, Ahmed M; Al-Omar , Mohamed A; Ng, Seik Weng; Tiekink, Edward RT;	3-Amino-1-(4-fluorophenyl)-7-methoxy-1H-benzo [f] chromene-2-carbonitrile	Acta Crystallographica Section E: Structure Reports Online	69	o478-o479	2013

El-Agrody, Ahmed M; Al-Omar , Mohamed A; Amr, AE-GE; Ng, Seik Weng; Tiekink, Edward RT; Khalifa, Nagy M; Fahmy, Hoda H; Abou El Ella, Dalal A; Ismail, Mohamed A; Mostafa, Noha M; Al-Omar , Mohamed A; Salam, Osama I Abdel; Al-Omar , Mohamed A; Khalifa, Nagy M; Amr, Abd El-Galil E; Abdallah, Mohamed M;	3-Amino-1-(4-fluorophenyl)-8-methoxy-1H-benzo [f] chromene-2-carbonitrile Synthesis and Reactions of Some Novel 5, 7-diiodo-8-Hydroxyquinoline Candidates as Antimicrobial Agentes Analgesic and anticonvulsant activities of some newly synthesized trisubstituted pyridine derivatives	Acta Crystallographica Section E: Structure Reports Online	69	o476-o477	2013
Al-Dies, Al-Anood M; El-Agrody, Ahmed M; Al-Omar , Mohamed A; Amr, AE-GE; Ng, Seik Weng; Tiekink, Edward RT;	2-Amino-4-(4-bromophenyl)-6-methoxy-4H-benzo [h] chromene-3-carbonitrile Monoamine Oxidase A and B Inhibitors of Some Synthesized Heterocyclic Derivatives and Their Structure Activity Relationships Anti-inflammatory activity and acute toxicity (LD50) of some new synthesized pyridine-2-yl-phenyl)-2-methoxybenzamide and thieno [2, 3-b] pyridine derivatives	Life Science Journal Zeitschrift für Naturforschung C Acta Crystallographica Section E: Structure Reports Online	10 68 69	470-476 264-268 o480-o481	2013 2013 2013
Abdulla, Mohamed M; Al-Omar , Mohamed A; Amr, Abd El-Galil E;		Life Science Journal	10	327-335	2013
Abdulla, Mohamed M; Amr, AE; Al-Omar , Mohamed A; Hussain, Azza A; Shalaby, Ahmed FA;		Life Sci. J Acta Crystallographica Section E: Structure Reports Online	10 69	286-297 o515-o515	2013 2013
El-Agrody, Ahmed M; Al-Omar , Mohamed A; Amr, AE-GE; Ng, Seik Weng; Tiekink, Edward RT;	2-(4-Fluorobenzylidene) propanedinitrile: monoclinic polymorph	Acta Crystallographica Section E: Structure Reports Online	69	o482-o483	2013
Al-Dies, Al-Anood M; Al-Omar , Mohamed A; Amr, AE-GE; El-Agrody, Ahmed M; Ng, Seik Weng; Tiekink, Edward RT;	N'-[3-Cyano-4-(4-fluorophenyl)-6-methoxy-4H-benzo [h] chromen-2-yl]-N, N-dimethylmethanimidamide	Acta Crystallographica Section E: Structure Reports Online	69	o435-o436	2013
El-Agrody, Ahmed M; Fouda, Ahmed M; Al-Omar , Mohamed A; Amr, AE-GE; Ng, Seik Weng; Tiekink, Edward RT; Assy, Mohamed G; Sherif, Mohamed H; Amr, Abd El-Galil E; Abdelsalam, Osama I; Al-Omar , Mohamed A; Abdalla, Mohamed M; Ragab, Islam;	Ethyl 2-amino-4-(4-bromophenyl)-6-methoxy-4H-benzo [h] chromene-3-carboxylate Synthesis and Reactions of Some Heterocyclic Candidates Based on 2-Amino-4, 5, 6, 7-tetrahydrobenzo [b] thiophene Moiety as Anti-Arrhythmic Agents	Acta Crystallographica Section E: Structure Reports Online Journal of Heterocyclic Chemistry	69 50	766-773	2013 2013
Al-Salahi, Rashad A; Al-Swaidan, Ibrahim; Al-Omar , Mohamed A; Marzouk, Mohamed S;	Synthesis and antimicrobial activity of new 2-phenoxy-[1, 2, 4] triazolo [1, 5-a] quinazoline derivatives	Life Science Journal	10	2018-2028	2013
Abdulla, Mohamed M; Abd El Galil, E Amr; Al-Omar , Mohamed A; Hussain, Azza A; Amer, Mohamed S;	Synthesis and reactions of some new substituted 3 β -hydroxyandrostan-17-ones and their derivatives	Life Science Journal	10	351-361	2013
Sabry, Nermien M; Flefel, Eman M; Al-Omar , Mohamed A; Amr, Abd El-Galil E;	Research Article Synthesis and Antimicrobial Activities of Some New Synthesized Imide and Schiff's Base Derivatives				2013

Al-Mohizea, Abdullah M; Al-Omar , Mohamed A; Abdalla, Mohamed M; Amr, Abdel-Galil E;	5 α -Reductase inhibitors, antiviral and anti-tumor activities of some steroidal cyanopyridinone derivatives	International journal of biological macromolecules	50	171-179	2012
Abdalla, Mohamed M; Al-Omar , Mohamed A; Bhat, Mashooq A; Amr, Abdel-Galil E; Al-Mohizea, Abdullah M;	Steroidal pyrazolines evaluated as aromatase and quinone reductase-2 inhibitors for chemoprevention of cancer	International journal of biological macromolecules	50	1127-1132	2012
Mohamed, Yahia A; Amr, Abd El-Galil E; Mohamed, Salwa F; Abdalla, Mohamed M; Al-Omar , Mohamed A; Shfik, Samira H; Alaa, A-M; El-Azab, Adel S; El-Subbagh, Hussein I; Al-Obaid, Abdulrahman M; Alanazi, Amer M; Al-Omar , Mohamed A;	Cytotoxicity and anti-HIV evaluations of some new synthesized quinazoline and thioxopyrimidine derivatives using 4-(thiophen-2-yl)-3, 4, 5, 6-tetrahydrobenzo [h] quinazoline-2 (1H)-thione as synthon	Journal of Chemical Sciences	124	693-702	2012
Hossan, Aisha SM; Abu-Melha, Hanaa MA; Al-Omar , Mohamed A; Amr, Abd El-Galil E;	Design, synthesis, single-crystal and preliminary antitumor activity of novel arenesulfonylimidazolidin-2-ones	Bioorganic & medicinal chemistry letters	22	2008-2014	2012
El-Emam, Ali A; Alrashood, Khalid A; Al-Omar , Mohamed A; Al-Tamimi, Abdul-Malek S;	Synthesis and antimicrobial activity of some new pyrimidinone and oxazinone derivatives fused with thiophene rings using 2-chloro-6-ethoxy-4-acetylpyridine as starting material	Molecules	17	13642-13655	2012
Hawas, Usama W; Al-Omar , Mohamed A; Amr, Abdel Galil E; Hammam, Abu El-Ftouh G;	Synthesis and antimicrobial activity of N'-heteroarylidene-1-adamantylcarbohydrazides and (\pm)-2-(1-adamantyl)-4-acetyl-5-[5-(4-substituted phenyl-3-isoxazolyl)]-1, 3, 4-oxadiazolines	Molecules	17	3475-3483	2012
Abdalla, Mohamed M; Al-Omar , Mohamed A; Al-Salahi, Rashad A; Amr, Abdel-Galil E; Sabrye, Nermien M;	Synthesis of some thiopyrimidine and thiazolopyrimidines starting from 2, 6-dibenzylidene-3-methylcyclohexanone and its antimicrobial activities	Arabian Journal of Chemistry	5	509-515	2012
El-Agrody, Ahmed M; Al-Omar , Mohamed A; Amr, A-GE; Chia, Tze Shyang; Fun, H-K;	A new investigation for some steroidal derivatives as anti-Alzheimer agents	International Journal of Biological Macromolecules	51	56-63	2012
El-Emam, Ali A; Al-Omar , Mohamed A; Ghabbour, Hazem A; Fun, H-K; Chia, Tze Shyang;	Ethyl 2-amino-4-(4-fluorophenyl)-6-methoxy-4H-benzo [h] chromene-3-carboxylate	Acta Crystallographica Section E: Structure Reports Online	68	o1803-o1804	2012
El-Emam, Ali A; Al-Omar , Mohamed A; Al-Tamimi, A; Ng, Seik Weng; Tiekink, Edward RT;	3-[(N-Methylanilino) methyl]-5-(thiophen-2-yl)-1, 3, 4-oxadiazole-2 (3H)-thione	Structure Reports Acta Crystallographica Section E: Structure Reports Online	68	o1345-o1346	2012
El-Salam, Osama I Abd; Al-Omar , Mohamed A; Fayed, Ahmed A; Flefel, Eman M; Amr, Abd El-Galil E;	3-(Adamantan-1-yl)-1-[(4-benzylpiperazin-1-yl) methyl]-4-[(E)-(2-hydroxybenzylidene) amino]-1H-1, 2, 4-triazole-5 (4H)-thione	Structure Reports Acta Crystallographica Section E: Structure Reports Online	68	o1766-o1767	2012
	Synthesis of new macrocyclic polyamides as antimicrobial agent candidates	Molecules	17	14510-14521	2012

El-Emam, Ali A; Al-Omar , Mohamed A; Al-Tamimi, A; Ng, Seik Weng; Tiekink, Edward RT;	3-(Adamantan-1-yl)-4-methyl-1-[(4-phenylpiperazin-1-yl)methyl]-1H-1, 2, 4-triazole-5 (4H)-thione dichloromethane hemisolvate	Acta Crystallographica Section E: Structure Reports Online	68	o1772-o1773	2012
Al-Salahi, Rashad; Nabih, Lolak; Al-Omar , Mohamed; Ng, Seik Weng;	2-Phenoxy-1, 2, 4-triazolo [1, 5-a] quinazolin-5 (4H)-one	Acta Crystallographica Section E: Structure Reports Online	68	o1808-o1808	2012
Al-Salahi, Rashad; Al-Omar , Mohamed; Marzouk, Mohamed; Ng, Seik Weng;	5-Chloro-2-methylsulfonyl-1, 2, 4-triazolo [1, 5-a] quinazoline	Acta Crystallographica Section E: Structure Reports Online	68	o1809-o1809	2012
Al-Omar , Mohamed A; Amr, A-GE; Ghabbour, Hazem A; Chia, Tze Shyang; Fun, H-K;	Methyl 2-{6-[(1-methoxy-1-oxopropan-2-yl) aminocarbonyl]pyridine-2-carboxamido} propanoate	Acta Crystallographica Section E: Structure Reports Online	68	o1837-o1838	2012
Al-Salahi, Rashad; Al-Omar , Mohamed; Marzouk, Mohamed; Ng, Seik Weng;	3-Benzyl-8-methoxy-2-sulfanylidene-1, 2, 3, 4-tetrahydroquinazolin-4-one	Acta Crystallographica Section E: Structure Reports Online	68	o1807-o1807	2012
Al-Omar , Mohamed A; Khalifa, Nagy M; Ghabbour, Hazem A; Chia, Tze Shyang; Fun, H-K;	(E)-2-Cyano-N'-(1, 2, 3, 4-tetrahydronaphthalen-1-ylidene) acetohydrazide	Acta Crystallographica Section E: Structure Reports Online	68	o1740-o1740	2012
Fun, H-K; Chia, Tze Shyang; Bhat, Mashooq A; Al-Omar , Mohamed A; Abdel-Aziz, Hatem A;	(E)-2-(2, 3-Dimethylanilino)-N'-(thiophen-2-ylmethylidene) benzohydrazide	Acta Crystallographica Section E: Structure Reports Online	68	o2524-o2525	2012
Al-Salahi, Rashad; Al-Omar , Mohamed; Marzouk, Mohamed; Ng, Seik Weng;	N-[2, 4-Dioxo-3-azatricyclo [7.3. 1.05, 13] trideca-1 (13), 5, 7, 9, 11-pentaen-3-yl] thiourea	Acta Crystallographica Section E: Structure Reports Online	68	o1811-o1811	2012
Al-Salahi, Rashad; Al-Omar , Mohamed; Abbas, Mohammed; Ng, Seik Weng;	2-Methylsulfonyl-1, 2, 4-triazolo [1, 5-a] quinazolin-5 (4H)-one	Acta Crystallographica Section E: Structure Reports Online	68	o1805-o1805	2012
El-Azab, Adel S; Abdel-Aziz, AA-M; Al-Omar , Mohamed A; Ng, Seik Weng; Tiekink, Edward RT;	2-{[2-Methyl-3-(2-methylphenyl)-4-oxo-3, 4-dihydroquinazolin-8-yl] oxy} acetonitrile	Acta Crystallographica Section E: Structure Reports Online	68	o2105-o2106	2012
Al-Salahi, Rashad; Al-Omar , Mohamed; Marzouk, Mohamed; Ng, Seik Weng;	3-(Prop-2-en-1-yl)-2-sulfanylidene-1, 2, 3, 4-tetrahydroquinazolin-4-one	Acta Crystallographica Section E: Structure Reports Online	68	o1810-o1810	2012
Al-Salahi, Rashad; Al-Omar , Mohamed; El-Subbagh, Hussein; Hemamalini, Madhukar; Fun, H-K;	3-Benzyl-6-methyl-2-sulfanylidene-2, 3-dihydroquinazolin-4 (1H)-one	Acta Crystallographica Section E: Structure Reports Online	68	o717-o718	2012

Al-Omar, Mohamed A; Amr, A-GE; Ghabbour, Hazem A; Quah, Ching Kheng; Fun, H-K;	Methyl 2-({6-[(1-methoxy-2-methyl-1-oxopropan-2-yl) carbamoyl] pyridin-2-yl} formamido)-2-methylpropanoate	Acta Crystallographica Section E: Structure Reports Online	68	o1377-o1378	2012
I Abd El-Salam, Osama; A Al-Omar, Mohamed; Abd Amr, El-Galil E;	Facile Synthesis and Antimicrobial Evaluation of New Chiral Macrocyclic Hydrazone and Tricyclopolyazacarboxamide Candidates Incorporating Amino Acid and Pyridine Moieties	Current Organic Synthesis	9	406-412	2012
Abd El-Salam, Osama I; Al-Omar, Mohamed A; Abd El Galil, E Amr;	Facile synthesis and antimicrobial evaluation of new chiral macrocyclic hydrazone and tricyclopolyazacarboxamide candidates incorporating amino acid and pyridine moieties	Current Organic Synthesis	9	406-412	2012
Alaa, A-M; El-Azab, Adel S; Attia, Sabry M; Al-Obaid, Abdulrahman M; Al-Omar, Mohamed A; El-Subbagh, Hussein I; Youssef, Khairia M; Al-Omar, Mohamed A; El-Subbagh, Hussein I; Abou-Zeid, Laila A; Abdel-Gader, Abdel-Galil M; Haress, Nadia G; Al-Tuwaijri, Ali S;	Synthesis and biological evaluation of some novel cyclic-imides as hypoglycaemic, anti-hyperlipidemic agents	European journal of medicinal chemistry	46	4324-4329	2011
Abdel-Aziz, AA; Asiri, Yousif A; El-Azab, Adel S; Al-Omar, Mohamed A; Kunieda, Takehisa;	Synthesis, antiplatelet aggregation activity, and molecular modeling study of novel substituted-piperazine analogues	Medicinal Chemistry Research Profiles of drug substances, excipients, and related methodology	20	898-911	2011
Bahashwan, Saleh Abd El-Rahman; Al-Omar, Mohamed Abd El-Rahman; Ezzeldin, Essam; Abdalla, Mohamed Mostafa; Fayed, Ahmed Abd El-Hameed; Amr, Abdel-Galil El-Sayed;	Tadalafil.	Chemical and Pharmaceutical Bulletin	36	287-329	2011
Abounassif, MA; Al-Omar, MA; Amr, A-GE; Mostafa, GAE;	Androgen receptor antagonists and anti-prostate cancer activities of some synthesized steroidal candidates	Drug Testing and Analysis	3	373-379	2011
Hawas, Usama W; Al-Omar, Mohamed A; Amr, Abd EGE; Hammam, Abu EFG;	PVC membrane sensor for potentiometric determination of iron (II) in some pharmaceutical formulations based on a new neutral ionophore	American Journal of Applied Sciences	8	945	2011
Ghozlan, Said AS; Al-Omar, Mohammed A; Amr, Abd El-Galil E; Ali, Korany A; El-Wahab, Ahmed A Abd;	Anticancer Activity of Some New Synthesized Tetrahydroquinoline and Tetrahydrochromene Carbonitrile Derivatives	Journal of Heterocyclic Chemistry	48	1103-1110	2011
Diaconu, Ioana; Aboul-Enein, Hassan Y; Al-Omar, Mohammed A; Nechifor, Gheorghe; Ruse, Elena; Bunaciu, Andrei A; Totu, Eugenia Eftimie;	Synthesis and antimicrobial activity of some heterocyclic 2, 6-bis (substituted)-1, 3, 4-thiadiazolo-, oxadiazolo-, and oxathiazolidino-pyridine derivatives from 2, 6-pyridine dicarboxylic acid dihydrazide	Arabian Journal of Chemistry	4	99-103	2011
Bhat, Mashooq A; Al-Omar, Mohammed A;	Separation of nitrophenols. Equilibriums in bi-and tri-phasic systems	Acta poloniae pharmaceutica	68	375-380	2011
	Synthesis, characterization and in vivo anticonvulsant and neurotoxicity screening of Schiff bases of phthalimide				

Bhat, Mashooq A; Al-Omar , Mohammed A;	Coumarin incorporated triazoles: a new class of anticonvulsants	Acta poloniae pharmaceutica	68	889-95	2011
Bhat, Mashooq A; Al-Omar , Mohammed A; Siddiqui, Nadeem;	Synthesis of 2-(substituted phenyl)-3-[5-(2-oxo-2H-chromen-3-yl)-1, 3, 4-oxadiazol-2-yl]-1, 3-thiazolidin-4-ones with antimicrobial activity	Acta poloniae pharmaceutica	68	295-299	2011
Alaa, A-M; Asiri, Yousif A; El-Azab, Adel S; Al-Omar , Mohamed A; Kunieda, Takehisa;	Tadalafil	Profiles of Drug Substances, Excipients and Related Methodology	36	287-329	2011
Wania, Tanveer A; Al-Omar , Mohammed A; Zargar, Seema; Ali, HS; Al-Omar , Mohamed A; Al-Khalifa, ARS; Abdulla, MM; Ezzeldin, E; Amr, AE;	Huntington Disease: Current Advances in Pathogenesis and Recent Therapeutic Strategies	International Journal of Pharmaceutical Sciences and Drug Research	3	69-79	2011
El-Azab, Adel S; Al-Omar , Mohamed A; Alaa, A-M; Abdel-Aziz, Naglaa I; Magda, A-A; Aleisa, Abdulaziz M; Sayed-Ahmed, Mohamed M; Abdel-Hamide, Sami G;	Anti-alzheimer activity and structure activity relationship of some synthesized terpinoidal oxaliplatin analogs	Journal of American Science	7	534-542	2011
Al-Omary, Fatmah AM; Abou-Zeid, Laila A; Nagi, Mahmoud N; Habib, El-Sayed E; Alaa, A-M; El-Azab, Adel S; Abdel-Hamide, Sami G; Al-Omar , Mohamed A; Al-Obaid, Abdulrahman M; El-Subbagh, Hussein I;	Design, synthesis and biological evaluation of novel quinazoline derivatives as potential antitumor agents: molecular docking study	European journal of medicinal chemistry	45	4188-4198	2010
Al-Omar , Mohamed A; Al-Abdullah, Ebtehal S; Shehata, Ihsan A; Habib, Elsayed E; Ibrahim, Tarek M; El-Emam, Ali A;	Non-classical antifolates. Part 2: synthesis, biological evaluation, and molecular modeling study of some new 2, 6-substituted-quinazolin-4-ones	Bioorganic & medicinal chemistry	18	2849-2863	2010
Al-Omar , Mohamed A;	Synthesis, antimicrobial, and anti-inflammatory activities of novel 5-(1-adamantyl)-4-arylideneamino-3-mercapto-1, 2, 4-triazoles and related derivatives	Molecules	15	2526-2550	2010
Amr, Abd El-Galil E; Sherif, Mohamed H; Assy, Mohamed G; Al-Omar , Mohamed A; Ragab, Islam;	Synthesis and antimicrobial activity of new 5-(2-thienyl)-1, 2, 4-triazoles and 5-(2-thienyl)-1, 3, 4-oxadiazoles and related derivatives	Molecules	15	502-514	2010
Hafez, Naglaa A Abdel; Farghaly, Thoraya A; Al-Omar , Mohamed A; Abdalla, Mohamed M;	Antiarrhythmic, serotonin antagonist and antianxiety activities of novel substituted thiophene derivatives synthesized from 2-amino-4, 5, 6, 7-tetrahydro-N-phenylbenzo [b] thiophene-3-carboxamide	European journal of medicinal chemistry	45	5935-5942	2010
Al-Tamimi, A; Bari, Ahmed; Al-Omar , Mohamed A; Alrashood, Khalid A; El-Emam, Ali A;	Synthesis of bioactive polyheterocyclic ring systems as 5 α -reductase inhibitors	European journal of medicinal chemistry	45	4838-4844	2010
	3-(1-Adamantyl)-1-[[4-(2-methoxyphenyl) piperazin-1-yl]methyl]-4-methyl-1H-1, 2, 4-triazole-5 (4H)-thione	Acta Crystallographica Section E: Structure Reports Online	66	o1756-o1756	2010

Al-Omar, Mohamed A; Amr, Abd El-Galil E;	Synthesis of some new pyridine-2, 6-carboxamide-derived Schiff bases as potential antimicrobial agents	Molecules	15	4711-4721	2010
Al-Salahi, Rashad A; Al-Omar, Mohamed A; Amr, Abd El-Galil E;	Synthesis of chiral macrocyclic or linear pyridine carboxamides from pyridine-2, 6-dicarbonyl dichloride as antimicrobial agents	Molecules	15	6588-6597	2010
Al-Turki, DA; Abou-Zeid, LA; Shehata, IA; Al-Omar, MA;	Therapeutic and toxic effects of new NSAIDs and related compounds: A review and prospective study	International Journal of Pharmacology	6	813-825	2010
Al-Omar, Mohamed A; Amr, Abd El-Galil E; Al-Salahi, Rashad A;	Anti-inflammatory, analgesic, anticonvulsant and antiparkinsonian activities of some pyridine derivatives using 2, 6-disubstituted isonicotinic acid hydrazides	Archiv der Pharmazie	343	648-656	2010
Al-Omar, Mohamed A; Al-Obaid, Abdul-Rahman M; El-Brollasy, Nasser R; El-Emam, Ali A;	Some observations on the base-catalyzed cyclocondensation of 2, 6-dihalobenzaldehydes, ethyl cyanoacetate, and thiourea	Synthetic Communications	40	1530-1538	2010
Alaa, A-M; Al-Omar, Mohamed A; El-Azab, Adel S; Kunieda, Takehisa;	Conformational preferences of sterically congested 2-imidazolidinone using X-ray analysis and computational studies. Part 1: Trans-1-acetyl-4, 5-di-tert-butyl-2-imidazolidinone	Journal of Molecular Structure	969	145-154	2010
Al-Tamimi, A; Bari, Ahmed; Al-Omar, Mohamed A; El-Emam, Ali A; Ng, Seik Weng;	N'-[(2-n-Butyl-4-chloro-1H-imidazol-5-yl) methylidene] adamantane-1-carbohydrazide sesquihydrate ethanol hemisolvate	Acta Crystallographica Section E: Structure Reports Online	66	o2131-o2131	2010
Al-Omary, Fatmah AM; Abou-zeid, Laila A; Nagi, Mahmoud N; Habib, El-Sayed E; Abdel-Aziz, Alaa A-M; El-Azab, Adel S; Abdel-Hamide, Sami G; Al-Omar, Mohamed A; Al-Obaid, Abdulrahman M; El-Subbagh, Hussein I;	BTP-04 Anti-T. cruzi IC50= 1.4 µM SI= 14.6	Bioorganic & Medicinal Chemistry	18	2817-2821	2010
Bhat, Mashooq A; Al-Omar, Mohammed A; Siddiqui, Nadeem;	Synthesis, anticonvulsant and neurotoxicity of some novel 1, 3, 4-oxadiazole derivatives of phthalimide	Der Pharma Chemica	2	10-Jan	2010
Hefnawy, Mohamed; Al-Omar, Mohammed; Julkhuf, Saeed; Attia, Sabry; Abourashed, Ehab; El-Subbagh, Hussein;	Novel, selective sample stacking microemulsion electrokinetic capillary chromatography induced by reverse migrating pseudostationary phase for the determination of the new ultra-short acting hypnotic "HIE-124" in mice serum	Analytica chimica acta	673	194-199	2010
Moldovan, Zenovia; Bunaciu, Andrei A; Al-Omar, Mohammed A; Aboul-Enein, Hassan Y;	A spectrophotometric method for diosmin determination	The Open Chemical and Biomedical Methods Journal	3		2010
Al-Omar, MA;	Stereoselective HPLC assay of acebutolol enantiomers with fluorescence detection and its application to pharmacokinetic study	World Appl Sci J	8	1309-1316	2010
S Saleh, Tamer; A Al-Omar, Mohamed; A Abdel-Aziz, Hatem;	One-pot synthesis of enamines using gold's reagent	Letters in Organic Chemistry	7	483-486	2010

Abd El Galil, E Amr; Sherif, Mohamed H; Assy, Mohamed G; Al-Omar , Mohamed A; Mohamed, Islam Ragab Abd Alghany;	Antiarrhythmic, serotonin antagonist and antianxiety activities of novel substituted thiophene derivatives synthesized from 2-amino-4, 5, 6, 7-tetrahydro-N-phenylbenzo [b] thiophene-3-carboxamide	European Journal of Medicinal Chemistry Profiles of drug substances, excipients and related methodology	45	5935-5942	2010
Al-Omar , Mohamed A; Al-Mohizea, Abdullah M;	Famotidine Rapid and sensitive simultaneous determination of ezetimibe and simvastatin from their combination drug products by monolithic silica high-performance liquid chromatographic column	Journal of pharmaceutical and biomedical analysis Profiles of drug substances, excipients and related methodology	34	115-151	2009
Hefnawy, Mohamed; Al-Omar , Mohammed; Julkhuf, Saeed;	Ofloxacin A study of stripping voltammetric behaviour of cefadroxil antibiotic in the presence of Cu (II) and its determination in pharmaceutical formulation	Portugaliae Electrochimica Acta	50	527-534	2009
Al-Omar , Mohammed A;	Electrochemical studies and square-wave adsorptive stripping voltammetry of spironolactone drug	Analytical letters	34	265-298	2009
Alghamdi, Ahmad H; Alghamdi, Ali F; Alomar , Mohammed A; Al-Ghamdi, Ahmad H; Al-Ghamdi, Ali F; Al-Omar, Mohammed A;	Adsorptive stripping voltammetric determination of chlorotetracycline in pharmaceuticals and biological fluids through complexation with ZN (II)	Saudi Pharmaceutical Journal	27	645-655	2009
Al-Omar , Mohammed A; Al-Ghamdi, Ali F; Al-Ghamdi, Ahmad H;	Stripping voltammetry of penicillamine and its determination in pharmaceutical formulation and biological fluids	Journal of Saudi Chemical Society	41	90-103	2008
Alghamdi, Ali F; Alghamdi, Ahmad H; Alomar , Mohammed A;	Electroanalytical determination of hypertensive drug propranolol by anodic stripping voltammetric technique	Arabian J. Chem	12	11-Jan	2008
Alghamdi, AH; Alghamdi, AF; Alomar , MA;	Synthesis of novel uracil non-nucleosides analogues of 3, 4-dihydro-2-alkylthio-6-benzyl-4-oxypyrimidines and 6-benzyl-1-ethoxymethyl-5-isopropyluracil	Journal of Chemical Research	1	37-46	2008
El-Brollosy, Nasser R; Al-Omar , Mohamed A; Al-Deeb, Omar A; El-Emam, Ali A; Nielsen, Claus;	Synthesis, antimicrobial, and anti-inflammatory activities of novel 2-[3-(1-adamantyl)-4-substituted-5-thioxo-1, 2, 4-triazolin-1-yl] acetic acids, 2-[3-(1-adamantyl)-4-substituted-5-thioxo-1, 2, 4-triazolin-1-yl] propionic acids and related derivatives	Journal of Chemical Research	2007	263-267	2007
Al-Deeb, Omar A; Al-Omar , Mohamed A; El-Brollosy, Nasser R; Habib, Elsayed E; Ibrahim, Tarek M; El-Emam, Ali A;	Synthesis of some new 4-(3H)-quinazoline analogs as potential antioxidant agents	Arzneimittelforschung	56	40-47	2006
Al-Omar , MA; El-Azab, Adel S; El-Obeid, HA; Abdel Hamide, SG;		J Saudi Chem Soc	10	113-130	2006

Alghamdi, Ahmed H; Belal, Fatallah F; Al-Omar , Mohamed A; Al-Omar , Mohamed A; Al-Suwailem, AK; Al-Tamimi, AS; Al-Suhibani, MS;	Square-wave adsorptive stripping voltammetric determination of danazol in capsules	Journal of pharmaceutical and biomedical analysis	41	989-993	2006
Al-Omar , Mohamed A;	Safety and mechanism of action of orlistat (tetrahydrolipstatin) as the first local antiobesity drug	Journal of Applied Sciences Research	2	205-208	2006
Al-Deeb, OA; Al-Omar , MA; El-Brollosy, NR; Habib, EE; Ibrahim, TM; El-Emam, AA;	The X-linked adrenoleukodystrophy (X-ALD) and oxidative stress Antibiotics. Antiviral Drugs. Chemotherapeutics. Cytostatics-Synthesis, Antimicrobial, and Anti-inflammatory Activities of Novel 2-(3-(1-Adamantyl)-4-substituted-5-thioxo-1, 2, 4	Journal of herbal pharmacotherapy	6	125-134	2006
Al-Omar , Mohamed A; Youssef, Khairia M; El-Sherbeny, Magda A; Awadalla, Sit Albanat A; El-Subbagh, Hussein I;	Synthesis and in vitro antioxidant activity of some new fused pyridine analogs	Arzneimittelforschung Archiv der Pharmazie: An International Journal	56	40-47	2006
Al-Omar , Mohamed A; Abdel Hamide, Sami G; Al-Khamees, Hamad A; El-Subbagh, Hussein I;	Synthesis and biological screening of some new substituted-3H-quinazolin-4-one analogs as antimicrobial agents	Pharmaceutical and Medicinal Chemistry	338	175-180	2005
Al-Omar , Mohamed A; El-Subbagh, Hussein I; Beedham, Christine; Smith, John;	Role of molybdenum hydroxylases in diseases	Saudi pharmaceutical Journal	12	63-71	2005
Al-Omar , Mohamed A;	Effect of 2-hydroxy-1, 4-naphthoquinone, a natural dye of Henna, on aldehyde oxidase activity in guinea pig liver	Saudi Pharmaceutical Journal	13	1-13	2005
Al-Omar , Mohamed A; Beedham, Christine; Belal, F; Smith, John A; El-Emam, Ali A;	Fluorimetric measurement of hydrogen peroxide produced during aldehyde oxidase catalysed oxidation using scopoletin	Journal of Medical Sciences	5	163-168	2005
Al-Omar , Mohamed A;	In vitro inhibitory effect of quinolinic acid on aldehyde oxidase activity of guinea pig liver: a proposed mechanism	Journal of Medical Sciences	5	10-20	2005
Alsarra, Ibrahim A; Al-Omar , M; Belal, F;	Valproic acid and sodium valproate: Comprehensive profile	Saudi Pharmaceutical Journal	13	164-170	2005
Alsarra, I; Al-Omar , M; Gadkariem, EA; Belal, F;	Voltammetric determination of montelukast sodium in dosage forms and human plasma	Profiles of drug substances, Excipients and Related Methodology	32	209-240	2005
Al-Omar , M; Al-Majed, A; Sultan, M; Gadkariem, EA; Belal, F;	Voltammetric study of danazol and its determination in capsules and spiked biological fluids	Il Farmaco	60	563-567	2005
Al-Omar , Mohammed A;	Ciprofloxacin: Drug metabolism and pharmacokinetic profile	Journal of pharmaceutical and biomedical analysis	37	199-204	2005
		Profiles of drug Substances, excipients and related methodology	31	209-214	2005

Al-Omar , Mohamed A; Al-Arifi, Mohammed N;	Glucagon-like peptide-1 derivatives and dipeptidyl peptidase-IV inhibitors. New hope for the treatment of type-2 diabetes.	Saudi medical journal	26	1511-1515	2005
Al-Omar , Mohamed A; Al-Arifi, MN;	Comparative effects of scopoletin and menadione on aldehyde oxidase activity of guinea pig liver	J Biol Sci	5	525-531	2005
Al-Omar , Mohammed A;	Ciprofloxacin: analytical profile	Profiles of Drug Substances, Excipients and Related Methodology	31	179-207	2005
Al-Omar , Mohammed A;	Nimodipine: drug metabolism and pharmacokinetic profile	Profiles of Drug Substances, Excipients and Related Methodology	31	371-375	2005
Al-Omar , Mohammed A;	Nimodipine: Analytical Profile	Profiles of Drug Substances, Excipients and Related Methodology	31	355-369	2005
Al-Omar, Mohammed A;	Nimodipine: Physical profile	Profiles of Drug Substances, Excipients and Related Methodology	31	337-354	2005
Al-Omar , MA; Al-Rashood, ST; El-Subbagh, HI; Abdel Hamide, SG;	Interaction of 2-thio-4-oxo-quinazoline derivatives with guinea pig liver molybdenum hydroxylases, xanthine oxidase and aldehyde oxidase	J Biol Sci	5	370-378	2005
Al-Omar , M. A.;	Assessment of Olanzapine in Combined and Mono-therapy for the Treatment of Bipolar Disorder	Pakistan Journal of Biological Sciences	3	493-497	2005
Al-Omar , Mohammed A;	Ciprofloxacin: physical profile	Profiles of Drug Substances, Excipients and Related Methodology	31	163-178	2005
El-Emam, Ali A; Al-Deeb, Omar A; Al-Omar , Mohamed; Lehmann, Jochen;	Synthesis, antimicrobial, and anti-HIV-1 activity of certain 5-(1-adamantyl)-2-substituted thio-1, 3, 4-oxadiazoles and 5-(1-adamantyl)-3-substituted aminomethyl-1, 3, 4-oxadiazoline-2-thiones	Bioorganic & medicinal chemistry	12	5107-5113	2004
Al-Omar, Mohammed A; Beedham, Christine; Alsarra, Ibrahim A;	Pathological roles of reactive oxygen species and their defence mechanisms	Saudi pharmaceutical journal	12	1-18	2004
Tan, AH; Al-Omar, M; Watterson, JD; Nott, L; Denstedt, JD; Razvi, H;	Results of shockwave lithotripsy for pediatric urolithiasis	Journal of endourology	18	527-530	2004
Al-Omar , Mohamed; Al-Deeb, Omar A; Al-Khamees, Hamad A; El-Emam, Ali A;	1, 3, 4-THIADIAZOLES. REGIOSELECTIVE O-DEMETHYLATION ON DEHYDRATIVE CYCLIZATION OF 1-(3, 4, 5-TRIMETHOXYBENZOYL) 4-SUBSTITUTED THIOSEMICARBAZIDES WITH SULPHURIC ACID	Phosphorus, Sulfur, and Silicon and the Related Elements	179	2509-2517	2004

Al-Omar, MA;	Nimodipine	PROFILES OF DRUG SUBSTANCES EXCIPIENTS AND RELATED METHODOLOGY	31	337-378	2004
Beedham, C; Smith, JA; Al-Omar, MA;	Formation of hydrogen peroxide and superoxide anion during oxidation catalysed by guinea pig liver aldehyde oxidase	Drug Metabolism Reviews Saudi pharmaceutical journal	35	205-205	2003
Al-Omar, M;	Free Radicals in Biology and Medicine	Journal of Pharmacy and Pharmacology	11	207-207	2003
Al-Omar, M; Smith, JA; Beedham, C;	Inhibition of guinea-pig liver aldehyde oxidase by the glutamate inhibitor, riluzole		52	237	2000