S. No.	Title of the paper	Journal	Status
1	Synthesis, molecular modelling and choline esterase enzyme inhibitory activity of novel enaminone derivatives of sulfonamides	*Bulletin of the Chemical Society of Ethiopia*	Published
2	Synthesis, Characterization, DFT Computation, and Antimicrobial Activity of Novel Biginelli Compounds	*Russian Journal of Organic Chemistry*	Published
3	Novel indole derivatives of dihydropyrimidinone: Synthesis, characterization, molecular docking and antimicrobial activity	*Journal of Molecular Structure*	Published
4	Synthesis, Anti-inflammatory, and Neuroprotective Activity of N-Substituted Phthalimide Derivatives	*Russian Journal of General Chemistry*	Published
5	Anti-inflammatory activity of novel derivatives of pyrazolo [3, 4d] pyridazine against digestive system inflammation	*Naunyn-Schmiedeberg's Archives of Pharmacology*	Published
6	Synthesis, characterization, and molecular modeling of novel 1,3,4-oxadiazole derivatives of mefenamic acid	*Polish journal of chemical technology*	Published
7	Synthesis, Spectral Characterization, and Antimicrobial Activity of Novel Biginelli-Type Compounds Containing Sulfaguanidine	*Russian Journal of General Chemistry*	Published
8	Alleviative effects of pinostrobin against cadmium-induced renal toxicity in rats by reducing oxidative stress, apoptosis, inflammation, and mitochondrial dysfunction	*Frontiers in Nutrition*	Published
9	Structure-based Drug Designing Against SNV's Glycoprotein, Nucleoprotein and RNA Polymerase Through Molecular Docking and Dynamic Simulations – An Insilico Approach	*Heylion*	Under submission
10	Bio-active amentoflavone from S.bryopteris plant exhibited stability with Mitogen-activated protein kinase subunits (MAPK1, MAPK14) – Bioinformatics study	*Phytomedicine journal*	Under submission
11	Synthesis and characterization of Sargassum Cervicorne -based NiNPs for the catalytic reduction of azo dyes	*Heylion*	Under submission
12	Genetic and in-silico approaches for investigating the mechanisms of ciprofloxacin resistance in salmonella typi, mutations, extrusion, and antimicrobial resistance.	*Heylion*	Under submission
13	Design, CTAB catalyzed ultrasound-assisted synthesis and tyrosinase inhibition potential of naphtho furan -triazole conjugates	*RSC advances*	Under submission