

Curriculum Vitae

.Personal information

Name Prof.Dr. Abdulaziz bin Abdullah Al Khareef

Scientific title: Professor

Date of birth: 1/7/1384 AH

Place of birth Tamir – Kingdom of Saudi Arabia

Marital status: Married

Current address: King Saud University - College of Applied Medical Sciences

Department of dental health

PO Box 10219

Riyadh 11433

Mobile number 0554299995

Office number 014694904

Fax number 014693637

The mailing address is aalkhuraif@ksu.edu.sa

Qualifications

□ Doctorate degree in Dental Materials Science and Technology - Faculty of Dentistry, University of Manchester, United Kingdom, 1998.

□ British Secondary School Certificate in Mathematics - Mathematics, Carlton Adult Education Center in Manchester, United Kingdom (June 2004).

□ Training course in university education - Training and Development Unit at the University of Manchester, United Kingdom, 2005

□ Master's degree in Dental Materials Science and Technology - Faculty of Dentistry, University of Manchester, United Kingdom, 1998.

□ Excellence training program at the National Guard Hospital and the College of Dentistry.

□ Bachelor's degree in Dental Technology - Department of Dental Hygiene, College of Applied Medical Sciences, King Saud University, Riyadh, 1991.

Professional skills

- Dental technology specialist at the National Guard Hospital, Riyadh, Kingdom of Saudi Arabia, 1993-1999.

- President of the Saudi Students Club in the United Kingdom and Ireland, 1997

- Lecturer in the Department of Dental Hygiene (Dental Technology Program) at the College of Applied Medical Sciences, King Saud University, Riyadh 2000-2002.

- Supervisor of the Hospitality Committee at the Saudi National Day Festival in the United Kingdom from 2002 to 2004.

- Head of the Department of Dental Health - College of Applied Medical Sciences from 2006 AD until 2010

- Chairman of the Scientific Committee for Oral Health and Dental Technology at the Saudi Commission for Health Specialties from 2008 AD until 2014

- Supervisor of the Skills Development Unit - College of Applied Medical Sciences from 2009 AD until 2010

- Member of the Saudi Dental Society from 1429 AH until now.

- Vice Dean for Administrative Affairs - College of Applied Medical Sciences from 2009-2013.
- Vice Dean for Postgraduate Studies and Scientific Research - College of Applied Medical Sciences from 2013-2015.
- Head of the Department of Dental Health - College of Applied Medical Sciences from 2016 AD until 2018.
- Supervisor of the Dental Biomaterials Research Chair - King Saud University from 2010 until now.
- Member of the Executive Committee of the Self-Employment Program of King Saud Medical University since 2011 AD. Until 2013.
- Member of the Scientific Council for Applied Medical Sciences at the Saudi Commission for Health Specialties from 2011 AD until 2014.
- Vice Dean for Clinical Education and Clinics - College of Applied Medical Sciences from 2018 - until 2022
- Consultant at Riyadh Al-Ilm University for Scientific Research from 2015 to 2022
- Member of the University's Intellectual Awareness Unit from 2021 to 2022

Scientific awards

- 1- Excellence Award for Scientific Production for Saudi Universities - Ministry of Higher Education - 2019
- 2- King Saud University Award for Scientific Excellence - 2019
- 3- List of influential scientists according to a study by Stanford University

Conferences and training

- 1- International Dental Conference, United Kingdom 2003
- 2- The First Scientific Day of Dental Technology, College of Applied Medical Sciences, King Saud University, Riyadh 2008
- 3- The Saudi International Conference for Medical Education (exhibition and workshops) 2008
- 4- The Seventeenth International Saudi Dental Association Conference, 2007
- 5- The First National Guard Conference (exhibition and workshops) 2007
- 6- Annual International Dental Conference, Dubai, United Arab Emirates, 2007
- 7- An educational course in dental waxing, King Saud University, Riyadh, 2007
- 8- Educational course in ceramics and its types, King Saud University, Riyadh, 2007
- 9- International Dental Conference, United Kingdom 2008
- 10- World Dental Conference, Dubai, United Arab Emirates, 2009
- 11- The Second National Guard Conference (Exhibition and Workshops) 2009
- 12- An educational course in quality and academic accreditation, King Saud University - Riyadh, 2010.
- 13- The 22nd Annual Scientific Meeting of the Southeast Asian Dental Society 2012
- 14- International Dental Conference "EDC 2012. Dubai.
- 15- Federation of Dental Associations for the year 2012
- 16- The First Fujairah International Dental Conference 2012.
- 17- International Dental Conference "EDC 2013. Dubai.
- 18- International Dental Conference "Deline 2015. China
- 19- International Dental Conference "EDC 2016. Dubai.
- 20- The 17th International Saudi Dental Association Conference 2018
- 21- The 17th International Saudi Dental Association Conference 2020

Publications

- 1- One poster with abstract at the International Dental Conference, UK (2003).
- 2- Silikas N, AL-Kheraif A, Watts DC “Influence of P/L ratio and peroxide/amine biomaterial formulation”. *Biomaterial*. 2005; 26: 197-204.
- 3- AL-Kheraif A, Mobarak F. Infection control practice in private dental laboratories in Riyadh. *Saudi Dent J* 2008; 20: 163-169.
- 4- One poster with abstract at the International Dental Conference, UK (2008).
- 5- AL-Kheraif A, AL-Bejadi, S. Oral hygiene awareness among female Saudi school children. *Saudi Med J* 2008; 29: 1332-1336.
- 6- AL-Kheraif A, Hashim M, EL-Araby A. Comparison of Dimensional accuracy between traditional and Eclips(R) denture base materials. *Egypt Dent J* 2009; 55: 47-53.
- 7- Hashim M, AL-Kheraif A. Bleaching of teeth using traditional light activated versus laser activated gel .*Egypt Dent J* 2009; 55: 65-70.
- 8- EL-Araby A, AL-Kheraif A, Hashim M. The effect of different light curing systems on the bond strength of resin cement through CAD/CAM Ceramic veneers. *Egypt Dent J* 2009; 55: 55-63.
- 9- AL-Kheraif A. Effects of curing units and staining solutions on the color susceptibility of a microhybrid composite resin. *J Dent Sci* 2010;4(4):165–172
- 10- AL-Kheraif A. The effect of light exposure time variations on shrinkage strain kinetics of resin-based composite materials. *J. King Saud Univ.*, 2010. Vol. 21. *Dental Sci* (2)., PP.57-62.
- 11- Murali R, AL- Kheraif. *Teeth Arrangement for Complete Denture, A Practical Guide*. Lambert Academic Publishing 2010.
- 12- Murali Ramamoorthi, AL-Kheraif. A Comparative evaluation of fatigue behavior of removable partial denture alloys with and without heat treatment. *International Journal of Dental Clinics*, Vol 3, Issue 1, Jan-March 2011.
- 13- Ravikumar Ramakrishnaiah, Abdul Aziz Abdullah Al Kheraif and Syed Saad Bin Qasim The effect of chemical disinfection, autoclave and microwave sterilization on the dimensional accuracy of polyvinylsiloxane elastomeric impression materials. *World Applied Science Journal* 17(1):127-132, 2012. (ISI)
- 14- Durgesh,B.H, Prakash Prashanth, Ramakrishnaiah Ravikumar, Phulari Basavaraj Subashchandra,Al Kheraif, Abdul Aziz A Malocclusion pattern (Angle’s) in Mauritian orthodontic patients. *International Scholarly Research Network Dentistry (ISRN Dentistry)*, Volume 2012(2012) Article ID 210306, doi:10.5402/2012/210306. (Pubmed indexed).

- 15- Ravikumar Ramakrishnaiah, Wazirzada Aslam Farooq, Abdul-Aziz Abdullah Al Kheraif, Saad bin Qasim and Saleh Aldwayyan. Laser induced breakdown spectroscopic analysis of dental elastomeric impression materials. Middle East Journal of Scientific Research 11 (8): 1003-1008, 2012. (ISI)
- 16- Ravikumar Ramakrishnaiah¹, Abdul Aziz Abdullah al khureif, Anilkumar Gujjari³, MR Dhakshayini. A comparative study to evaluate the softness of heat processed and autopolymerized denture relining materials when stored in hard and soft water” (An in vitro study.) Journal of oral health and community dentistry. 2012;6(2)74-78
- 17- Saad Bin Qasim, Abdul Aziz Al Kheraif and Ravikumar Ramakrishnaiah .An investigation into the impact and flexural strength of light cure denture base materials reinforced with carbon nano tubes. World Applied Science Journal 18(6):808-812, 2012 (ISI).
- 18- Abdul-Aziz Abdullah Al Kheraif and Ravikumar Ramakrishnaiah Phonetics related to Prosthodontics. Middle East Journal of Scientific Research. 12 (1):1653 1657, 2012.
- 19- Rahul Prasad, Abdulaziz Abdullah Al-Kheraif, Nidhi Kathuria, V.N.V. Madhav, S.V. Bhide and Ravikumar Ramakrishnaiah. Ectodermal dysplasia: dental management and complete denture therapy. World applied science journal 20(3): 423-428, 2012.
- 20- Kujan O, Tarakji B, Thakker N, Al Kheraif AA, Sloan P. The expression of FHIT in salivary carcinoma ex pleomorphic adenoma. Anticancer research 32; 3147-3152(2012).
- 21- Rahul Prasad, Abdulaziz Al Kheraif, Syed Saad Bin Qasim, Ravikumar Ramakrishnaiah, Muhammad Zakhir Determining the Accuracy of CAD/CAM Implant Superstructures: An in vitro Spiral Scan Micro-CT Study International Dental Journal 2012; 62 (Suppl. 1): 1–20
- 22- Ravikumar Ramakrishnaiah, Wazirzada Aslam Farooq, Abdul-Aziz Abdullah Al Kheraif, Saad bin Qasim ,Abdullah Saleh Aldwayyan Laser Induced Breakdown Spectroscopic Analysis of Dental Elastomeric Impression Materials Middle-East Journal of Scientific Research 11 (8): 1003-1008, 2012
- 23- B. H. Durgesh, Prashanth Prakash, Ravikumar Ramakrishnaiah, Basavaraj Subashchandra Phulari, Abdul Aziz A. Al Kheraif. Malocclusion Pattern (Angle’s) in Mauritian Orthodontic Patients International Scholarly Research Network ISRN Dentistry Volume 2012, Article ID 210306, 3 pages
- 24- Al Kheraif AA, Qasim SS, Ramakrishnaiah R, Ihtesham ur Rehman. Effect of different beverages on the color stability and degree of conversion of nano and micro hybrid composites. Dental materials journal 2013; 32(2):1-6

- 26- Zakir M, Al Kheraif AA, Asif M, Wong FS, Rehman IU. A comparison of the mechanical properties of a modified silorane based dental composite with those of commercially available composite material. *Dental materials* 29 (2013) 53-59.
- 27- Kheraif AA. Surface roughness of polyvinyl siloxane impression materials following chemical disinfection, autoclave and microwave sterilization. *The journal of contemporary dental practice*, may-june 2013;14(3)
- 28- Prasad R, Al Kheraif A A. Three-dimentional accuracy of CAD/Cam manufactured titanium and ceramic superstructures for implant abutments using spiral scan microtomography. *International journal of prosthodontics*.
- 29- RahulPrasad,Abdulazizalkheraif,Nidhi,athuria,V.N.V.Madhav,S.V.Bhide.Accuracy of ring less casting and accerlated wax elimination tech nique .In vitro study .*Journal of prosthodontics*,2013,July 26,10.111/jopr 12082 .
- 30- Bassel Tarakji1, Faris Alenzi, Abdulaziz Abdullah Al-Khuraif. Assessment of inverse correlation of p16 and prb expression in carcinoma ex pleomorphic adenoma. *POL J PATHOL* 2013; 2: 144-148
- 31- Prabath Singh, Joseph Paul, Abdul Aziz Al- Khuraif, Sajith Vellappally, Hassan Suliman Halawany, Mohamed Hashim, Nimmi Biju Abraham, Vimal Jacob, Rooban Thavarajah sealing ability of mineral trioxide aggregate,calcium phosphate cement, and glass ionomer cement in the repair of furcation perforations *ACTA MEDICA (Hradec Králové)* 2013; 56(3):97–103
- 32- Renju Jose, Sharath Chandra, Jaishankar H. Puttabuddi, Sajith Vellappally, Abul-Aziz A. Al Khuraif, Hassan S. Halawany, Nimmi B. Abraham, Vimal Jacob and Mohamed Hashim Prevalence of Oral and Systemic Manifestations in Pediatric HIV Cohorts with and without Drug Therapy *Current HIV Research*, 2013, 11, 498-505
- 33- Abdul Aziz Abdullah Al-Kheraif. The effect of mechanical and chemical polishing techniques on the surface roughness of heat-polymerized and visible light-polymerized acrylic denture base resins*The Saudi Dental Journal* (2014)
- 34- Abdul-Aziz Abdullah Al Kheraif, An in vitro evaluation of wear and surface roughness of particulate filler composite resin after tooth brushing *Acta Odontologica Scandinavica*. 2014; Early Online, 1–7.
- 35- Abdul-Aziz Abdullah Al Kheraif, Almas, Khalid, Javed fawad, Comparision Of Crestal Bone Loss Around Dental Implants Placed In Healed Sites Using Flapped And Flapless Techniques: A Systematic Review *Journal Of Periodontology*. Aug 2014.
- 36- F Javed, F Vohra, Abdul-Aziz Abdullah Al Kheraif, H Malmstrom, G-E Romanos, Comparison of periodontal inflammatory conditions among habitual gutka chewers and betel quid chewers: *Oral Diseases*,Jan 2014.
- 37- Sajith Vellappally, Seby J Gardens, Abdul-Aziz Abdullah Al Kheraif, Madhusudan Krishna, Suresh Babu,Mohamed Hashem, Vimal Jacob and Sukumaran Anil, The

prevalence of malocclusion and its association with dental caries among 12-18-year-old disabled adolescents: BMC oral health, Jun 2014.

- 38- ANIL Sukumaran,Sajith Vellappally,Pradeep S,Abdul-Aziz Abdullah Al Kheraif, Hepatocyte Growth Factor Levels in the Saliva and Gingival Crevicular Fluid in Smokers with Periodontitis: Disease makers,Oct 2014.
- 39- Ravikumar Ramakrishnaiah, Ghufuran ur Rehman, Santhosh Basavarajappa, Abdul-Aziz Abdullah Al Kheraif, B. H. Durgesh, Abdul Samad Khan & Ihtesham ur Rehman, Applications of Raman spectroscopy in dentistry: analysis of tooth structure. : Applied Spectroscopy Reviews,Jan 2015.
- 40- Ravikumar Ramakrishnaiah, Abdul-Aziz Abdullah Al Kheraif, Mohamed A. Elsharawy, Ayman K. Alsaleh, Kareem M. Ismail Mohamed, Ihtesham Ur Rehman. A comparative finite elemental analysis of glass abutment supported and unsupported cantilever fixed partial denture. : Dental materials, 2015.
- 41- Darshan Devang Divakar, Abdul-Aziz Abdullah Al Kheraif,Ravikumar Ramakrishnaiah, Oral manifestations in human immunodeficiency virus infected pediatric patients receiving and not receiving antiretroviral therapy: a cross sectional study: Pediatric dentistry, 2015 .
- 42- F Vohra, M Al-Qahtani, N Momenah1, Abdul-Aziz Abdullah Al Kheraif, SM Ab-Ghani3, Knowledge and attitudes of dentists toward shortened dental arch therapy in Saudi Arabia: Nigerian Journal of Clinical Practice. 2015.
- 43- Vohra F Abdul-Aziz Abdullah Al Kheraif, Qadri T, Hassan MI, Ahmed A, Warnakulasuriya S, Javed F, Efficacy of photodynamic therapy in the management of oral premalignant lesions. A systematic review: Photodiagnosis Photodyn Ther, 2015.
- 44- Aftab Ahmed Khan, Adel Zia Siddiqui,Syed Fareed Mohsin Abdul-Aziz Abdullah Al Kheraif, Influence of mouth rinses on the surface hardness of dental resin nanocomposite: Pakistan Journal of Medical Sciences, 2015.
- 45- Fawad Javed, Abdul-Aziz Abdullah Al Kheraif ,Mohammad D. Al Amri, Toshinari Mikami,Fahim Vohra, i Saman Warnakulasuriya, and Georgios E. Romanos, Periodontal Parameters and Whole Salivary Cytokine Profiles Among Habitual Gutka Chewers and Non-Chewer: Journal of Periodontology, 2015.
- 46- FA Alshehri, Abdul-Aziz Abdullah Al Kheraif, KM Aldosary, F Vohra, H Malmstrom, GE Romanos, F Javed, Self-perceived oral health and whole salivary immunoglobulin G levels in habitual gutka-chewers and non chewers: Nigerian Journal of Clinical Practice, 2015 .
- 47- Bangalore H. Durgesh , Abdul-Aziz Abdullah Al Kheraif, Juha Varrelä , and Pekka K. Vallittu, Photo Initiated Curing of Bracket Adhesive by Light Transmission Through Glass Fibers: journal of biomaterials and tissue engineering, 2015.
- 48- I. Yuvarani, S. Senthilkumar, Jayachandran Venkatesan, Se-Kwon Kim, Abdul-Aziz Abdullah Al Kheraif, Sukumaran Anil, and P. N. Sudha, Chitosan Modified

- Alginate-Polyurethane Scaffold for Skeletal Muscle Tissue Engineering: Journal of Biomaterials and Tissue Engineering, May 2015.
- 49- Fawad Javed Abdul-Aziz Abdullah Al Kheraif, Mohammad D. Al Amri, Mohammed Alshehri, Fahim Vohra, Mansour Al-Askar, Hans Malmstrom, and Georgios E. Romanos, Periodontal Status and Whole Salivary Cytokine Profile Among Smokers and Never-Smokers With and Without Prediabetes: Journal of Periodontology, Jul 2015.
 - 50- Fawad Javed, Abdul-Aziz Abdullah Al Kheraif, Karem Salazar-Lazo, Virginia Yanez-Fontenla, Khalid M. Aldosary, Mohammed Alshehri, Hans Malmstrom, and Georgios E. Romanos, Periodontal Inflammatory Conditions Among Smokers and Never-Smokers With and Without Type 2 Diabetes Mellitus: Journal of Periodontology, Jul 2015.
 - 51- Darshan Devang Divakar Abdul-Aziz Abdullah Al Kheraif, Ravikumar Ramakrishnaiah, Mohammed Al Zahrane, Ali AlHazmi, Narasimha Reddy Parine, Ethics in dentistry an overview: electronic search study: Revista Romana de Bioetica, Sep 2015.
 - 52- Sakina Aamir, Z.A. Ansari, H. Fouad, Ahmad Umar Abdul-Aziz Abdullah Al Kheraif, and S. G. Ansari, Effect of Inoculum Size and Surface Charges on the Cytotoxicity of ZnO Nanoparticles for Bacterial Cells: Science of Advanced Materials. 2015.
 - 53- Javed F, Abdul-Aziz Abdullah Al Kheraif, Rahman I, Millan-Luongo LT, Feng C, Yunker M, Malmstrom H, Romanos GE, Comparison of Clinical and Radiographic Periodontal Status Among Habitual Waterpipe Smokers and Cigarette Smokers: Journal of Periodontology. 2015.
 - 54- Ansar Ereath Beerana, Francis Boniface Fernandezb, Shaiju S. Nazeerc, Ramapurath S. Jayasreec, Annie Johnb, Sukumaran Anild, Sajith Vellappallyd, Abdul-Aziz Abdullah Al Kheraif, P.R. Harikrishna Varmaa, Multifunctional nano manganese ferrite ferrofluid for efficienttheranostic application Ansar: Colloids and Surfaces B: Biointerfaces. 2015.
 - 55- Santhosh Basavarajappa, Abdul-Aziz Abdullah Al Kheraif, Mohamed ElSharawy, PekkaK.Vallittu, Effect of solvent /disinfectant tethanol on the micro-surface structure and properties of multiphase denture base polymer: Journal of the Mechanical Behavior of Biomedical Materials. 2015.
 - 56- Aftab Ahmed Khan, Adel Zia Siddiqui, Abdul-Aziz Abdullah Al Kheraif, Ambreen Zahid, Darshan Devang Divakar, Effect of different pH solvents on micro-hardness and surface topography of dental nano-composite: An in vitro analysis: Pakistan Journal of Medical Sciences. 2015
 - 57- Durgesh, Bangalore, Basavarajappa, Santhosh; Ramakrishnaiah, Ravikumar; Al Kheraif, Abdulaziz A.; Divakar, Darshan Devang; A review

- on microbiological cause of periodontal disease:disease and treatment. *Reviews in Medical Microbiology* 2015;26(2); 53–58
- 58- Sergio Varela Kellesarian Abdul-Aziz Abdullah Al Kheraif, Fahim Vohra, Alexis Ghanem a , Hans Malmstrom,Georgios E. Romanos , Fawad Javed, Cytokine profile in the synovial fluid of patients with temporomandibular joint disorders: A systematic review: *Cytokine*.2016.
 - 59- Ravikumar Ramakrishnaiah, Sunil Babu Kotha, Abdulaziz Abdullah Alkheraif, Sree Lalita Celur, Darshan Devang Divakar, Javed Fawad, Ihtesham Ur Rehman. Applications of raman spectroscopy in dentistry part II: Soft tissue analysis. *Applied Spectroscopic Reviews*, 51(10): 799-821, 2016.
 - 60- Ravikumar Ramakrishnaiah, Abdulaziz A. Alkheraif, Darshan Devang Divakar, Jukka P. Matinlinna, Pekka K. Vallittu. The effect of hydrofluoric acid etching duration on the surface micromorphology, roughness, and wettability of dental ceramics. *International Journal of Molecular Sciences*, 17: 822, 2016.
 - 61- Khan AA, Alkhuraif AA, Alhijji SM, Matinlinna JP. Effect of grit-blasting air pressure on adhesion strength of resin to titanium. *International Journal of Adhesion & Adhesives* 2016; 65:41-46.
 - 62- Khan AA, Siddiqui AZ, Syed J, Noori S, Al Kheraif AA. Spectrophotometric assessment of different surface coating materials on conventional glass ionomer cement. *Pakistan Journal of Pharmaceutical Sciences* 2016; 29 (5,Suppl): 1823-27.
 - 63- Effect of ethanol treatment on mechanical properties of heat-polymerized polymethyl methacrylate denture base polymer. Santhosh Basavarajappa, Abdulaziz Abdullah Alkheraif, Saleh M. Alhijji, Jukka Pekka Matinlinna, Pekka Kalevi Vallittu. *Dental Materials Journal*. Volume 36 (2017) issue 6 pages 834-841
 - 64- Ravikumar Ramakrishnaiah, Abdulaziz Abdullah Al kheraif, Ashfaq Mohammad, Darshan Devang Divakar, Sunil Babu Kotha, Sreelalita Celur, Mohamed I Hashem, Pekka Kalevi Vallittu, Ihtesham Ur Rehman. Preliminary fabrication and characterization of electron beam melted Ti6Al4V customized dental implant. *Saudi Journal of Biological Sciences*, 24, 787-796, 2017.
 - 65- Vellappally S, Divakar DD, Al Kheraif AA, Ramakrishnaiah R, Alqahtani A, Dalati MHN, Anil S, Khan AA, Harikrishna Varma PR. Occurrence of vancomycin-resistant *Staphylococcus aureus* in the oral cavity of patients with dental caries. *Acta Microbiol Immunol Hung*. 2017 Sep 1;64(3):343-351. doi: 10.1556/030.64.2017.033. Epub 2017 Sep 11.
 - 66- Khan AA, Al-Kheraif AA, Al-Shehri AM, Säilynoja E, Vallittu PK. Polymer matrix of fiber-reinforced composites: Changes in the semi-interpenetrating polymer network during the shelf life. *J Mech Behav Biomed Mater*. 2018 Feb;78:414-419. doi: 10.1016/j.jmbbm.2017.11.038. Epub 2017 Nov 26.

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- 68- Al-Askar M, Al-Kheraif AA, Ahmed HB, Kellesarian SV, Malmstrom H, Javed F. Effectiveness of mechanical debridement with and without adjunct antimicrobial photodynamic therapy in the treatment of periodontal inflammation among patients with prediabetes. *Photodiagnosis Photodyn Ther*. 2017 Dec;20:91-94. doi: 10.1016/j.pdpdt.2017.09.005. Epub 2017 Sep 9.
- 69- Khan AA, Mirza EH, Jamaluddin S, Al-Khureif AA, Mehmood A, Valittu PK, Alfotawi R. Single and Multi-Walled Carbon Nanotube Fillers in Poly(methyl methacrylate)-Based Implant Material. *Journal of Biomaterials and Tissue Engineering* 2017; 7(9): 798-806.
- 70- Mirza EH, Khan AA, El-Sharawy MA, Al-Khureif AA, Al-Hijji S, Al-Omair KA, Khalil KA. Physical, mechanical, thermal, and dynamic characterization of carbon nanotubes incorporated poly(methyl methacrylate)-based denture implant. *Journal of Composite Materials* 2017; 51(28): 3931-3940.
- 71- Khan AA, Alkhuraif AA, Syed J, Elsharawy MA, Divakar DD. Recent trends in surface treatment methods for composite cement to zirconia bonding: A review. *Journal of Adhesive Dentistry* 2017; 19(1): 7-19
- 72- Khan AA, Alkhuraif AA, Jamaluddin S, Divakar DD, Matinlinna JP. Enhanced resin zirconia adhesion with carbon nanotubes infused silanes: A pilot study. *Journal of Adhesion* 2017; 94(3):167-180
- 73- Khan AA, Alkhuraif AA, Syed J, Divakar DD, Matinlinna JP. Effect of experimental primers on hydrolytic stability of resin zirconia bonding. *Journal of Adhesion Science and Technology* 2017; 31(10): 1094-1104.
- 74- Khan AA, Alkhuraif AA, Syed J, Divakar DD, Matinlinna JP. Enhanced resin titanium adhesion with silane primers using tribochemical silica-coating. *Dental Materials Journal* 2017; 36(1): 111-16.
- 75- Ravikumar Ramakrishnaiah, Samer M. Alaqeel, Abdulaziz A. Alkheraif, Darshan D. Divakar, Mohamed Elsharawy, Jukka P. Matinlinna, Pekka K. Vallittu. Micro and Nano Structural Analysis of Dental Ceramic and Luting Resin Interface and the Effect of Water Exposure on Integrity of Cement Interface. *Journal of Biomaterials and Tissue Engineering*, 8, 136–143, 2018.
- 76- Ravikumar Ramakrishnaiah, Abdulaziz Abdullah Alkheraif, Darshan Devang Divakar, Khuloud Fahad Alghamdi, Jukka Pekka Matinlinna, Christie Ying Kei Lung, Sunil Cherian, Pekka Kalevi Vallittu. The Effect of Lithium Disilicate Ceramic Surface Neutralization on Wettability of Silane Coupling Agents and Adhesive Resin Cements. *Silicon*, <https://doi.org/10.1007/s12633-017-9670-6>.

- 77- Ravikumar Ramakrishnaiah, Samer M. Alaqeel, Abdulaziz A. Alkheraif, Darshan D. Divakar, Jukka P. Matinlinna, Pekka K. Vallittu. Two-step vs. one-step conditioning systems and adhesive interface of glass ceramic surface and resin systems. *Journal of Adhesion Science and Technology*, 32(17), 1952-1963, 2018.
- 78- Akram Z, Al-Kheraif AA, Kellesarian SV, Vohra F, Javed F. Comparison of oral Candida carriage in waterpipe smokers, cigarette smokers, and non-smokers. *J Oral Sci*. 2018;60(1):115-120. doi: 10.2334/josnusd.17-0090.
- 79- Li C, Xu L, Liu Z, Li Z, Quan Z, Al Kheraif AA, Lin J. Current progress in the controlled synthesis and biomedical applications of ultrasmall (<10 nm) NaREF₄ nanoparticles. *Dalton Trans*. 2018 Mar 12. doi: 10.1039/c8dt00258d. [Epub ahead of print]
- 80- Al-Sowigh ZH, Al-Kheraif AA, Akram Z, Vohra F, Javed F. Peri-implant soft tissue inflammatory parameters and crestal bone loss among waterpipe (Narghile) smokers and never-smokers with and without type 2 diabetes mellitus. *J Periodontol*. 2018 Mar 8. doi: 10.1002/JPER.17-0554.
- 81- Characterization of osteogenic cells grown over modified graphene-oxide-biostable polymers EH Mirza, AA Khan, AA Al Kheraif, SA Saadaldin, BA Mohamed, *Biomedical Materials*, 2019.
- 82- Ravikumar Ramakrishnaiah, Samer M. Alaqeel, Abdulaziz A. Alkheraif, Darshan D. Divakar, Mohamed Elsharawy, Jukka P. Matinlinna, Pekka K. Vallittu. Micro and Nano Structural Analysis of Dental Ceramic and Luting Resin Interface and the Effect of Water Exposure on Integrity of Cement Interface. *Journal of Biomaterials and Tissue Engineering*, 8, 136–143, 2018.
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- 84- Ravikumar Ramakrishnaiah, Samer M. Alaqeel, Abdulaziz A. Alkheraif, Darshan D. Divakar, Jukka P. Matinlinna, Pekka K. Vallittu. Two-step vs. one-step conditioning systems and adhesive interface of glass ceramic surface and resin systems. *Journal of Adhesion Science and Technology*, 32(17), 1952-1963, 2018.
- 85- Akram Z, Al-Kheraif AA, Kellesarian SV, Vohra F, Javed F. Comparison of oral Candida carriage in waterpipe smokers, cigarette smokers, and non-smokers. *J Oral Sci*. 2018;60(1):115-120. doi: 10.2334/josnusd.17-0090.
- 86- Li C, Xu L, Liu Z, Li Z, Quan Z, Al Kheraif AA, Lin J. Current progress in the controlled synthesis and biomedical applications of ultrasmall (<10 nm) NaREF₄ nanoparticles. *Dalton Trans*. 2018 Mar 12. doi: 10.1039/c8dt00258d. [Epub ahead of print]

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