

## 2012 Publications

### List of Publications with ISI Impact Factor (2012)

- 1) **Zainul A. Rajion**, Ali R. Al-Khatib, David J. Netherway, Grant C. Townsend, Peter J. Anderson, Neil R. McLean, Ab Rani Samsudin (2012). The nasopharynx in infants with cleft lip and palate. *International Journal of Pediatric Otorhinolaryngology*, 76(2): 227–234. (Impact factor: 1.167) .
- 2) Alirajih Al-Khatib, **Zainul Ahmad Rajion**, **Sam'an Malik Masudi**, **Rozita Hassan**, Peter J. Anderson, Grant C. Townsend (2012). Stereophotogrammetric analysis of naso-labial morphology among Asian Malays: influence of age and sex. *The Cleft Palate-Craniofacial Journal*, 49(4): 463-471. (Impact factor: 1.238).
- 3) Mohd Nor Norazmi, Rafeezul Mohamed, **Asma Abdullah Nurul** and Nik Soriani Yaacob (2012). The modulation of PPAR $\gamma$ 1 and PPAR $\gamma$ 2 mRNA expression by ciglitazone in CD3/CD28-activated naïve and memory CD4+ T cells. *Clinical and Developmental Immunology*. Volume 2012, Article ID 849195, 8 pages (Impact factor: 1.838).
- 4) Teo, W.H., **Nurul, A.A.**, Norazmi, M.N. (2012). Immunogenicity of Recombinant BCG-based Vaccine Expressing 22 kDa of Serine Repeat Antigen (SE22) of Plasmodium falciparum. *Tropical Biomedicine*, 29(2): 239–253. (Impact factor: 0.622).
- 5) Tuan Noraihan Azila Tuan Rahim, **Dasmawati Mohamad**, Hazizan Md Akil, **Ismail Ab Rahman** (2012). Water sorption characteristics of restorative dental composites immersed in acidic drinks. *Dental Materials* 28(6): e63-e70. (Impact factor: 3.135).
- 6) Siti Aishah Zainal, Mohd Khairi Md Daud, **Normastura Abd Rahman**, Zafarina Zainuddin, Zilfalil Alwi (2012). Mutation detection in GJB2 gene among Malays with non-syndromic hearing loss. *International Journal of Pediatric Otorhinolaryngology*, 76(8): 1175-1179. (Impact factor: 1.167).
- 7) **Ismail Ab Rahman**, Vejayakumaran Padavettan (2012). Synthesis of Silica Nanoparticles by Sol-Gel: Size-Dependent Properties, SurfaceModification, and Applications in Silica-Polymer Nanocomposites: A Review. *Journal of Nanomaterials*, Volume 2012, Article ID 132424, 15 pages. (Impact factor: 1.376).
- 8) Ali R. Al-Khatib, **Zainul A. Rajion**, **Sam'an M. Masudi**, **Rozita Hassan**, Grant C. Townsend (2012). Validity and reliability of tooth size and dental arch measurements: a stereo photogrammetric study. *Australian Orthodontic Journal*, 28(1): 22-29. (Impact factor: 0.444).
- 9) Marahaini Musa, **Thirumulu Ponnuraj Kannan**, **Sam'an Malik Masudi**, **Ismail Ab Rahman** (2012). Assessment of DNA damage caused by locally produced hydroxyapatite-silica nanocomposite using Comet assay on human lung fibroblast cell line. *Molecular and Cellular Toxicology*, 8(1): 53-60. (Impact factor: 0.451).

- 10) Mohammad Jafarzadeh, **Ismail Ab Rahman**, Coswald Stephen Sipaut (2012). Synthesis of silica–polypyrrole core–shell nanocomposite using in situ-aminopropyltriethoxysilane (APTES)-modified nanosilica. *Synthetic Metals*, 162(5–6): 466–476. (Impact factor 1.871).
- 11) M. Zreaqat, **R. Hassan**, A.S. Halim (2012). Facial dimensions of Malay children with repaired unilateral cleft lip and palate: a three dimensional analysis. *International Journal of Oral and Maxillofacial Surgery*, 41(6): 783–788 (Impact factor: 1.302).
- 12) Takashi S. Kajii, **Mohammad Khursheed Alam**, Tadashi Mikoya, Akihiko Oyama, Mino Koshikawa-Matsuno, Yuki Sugawara-Kato, Yoshiaki Sato, Junichiro Iida (2012). Congenital and postnatal factors inducing malocclusions in Japanese unilateral cleft lip and palate patients - determination using logistic regression analysis. *The Cleft Palate-Craniofacial Journal (Articles In Press)* (Impact factor: 1.238) .
- 13) Alsanabani, A.A., Ismail, N.M., Ismail, A.R., Alyamani, H.A., **Tin Oo, M.M.** (2012). Periodontal status and its relationship with sociodemographic factors among special needs children in schools of Kota Bharu, Kelantan, Malaysia. *International Medical Journal*, 19(1): 61-64. (Impact factor: 0.200).
- 14) Rosnah Binti Zain, Vimmitra Athirajan, Wan Maria Nabillah Ghani, Ishak Abdul Razak, Raja Jalaludin Raja Latifah, Siti Mazlipah Ismail, Atiya Abdul Sallam, Anita Zarina Bustam, Zainal Ariff Abdul Rahman, **Adam Husein**, Norain Talib, Sok Ching Cheong, Amin Jallaludin (2012). An oral cancer biobank initiative: a platform for multidisciplinary research in a developing country. *Cell and Tissue Banking*, [Epub ahead of print] (Impact factor: 1.157).
- 15) Abdussalam Salhin Mohamad Ali, Norfarhah Abdul Razak, **Ismail Ab Rahman** (2012). Batch Adsorption Study for the Extraction of Silver Ions by Hydrazone Compounds from Aqueous Solution. *The Scientific World Journal*, Volume 2012, Article ID 351967, 10 pages (Impact factor 1.524).
- 16) Azadeh Emami, Ahmad Sukari Halim, Iman Salahshourifar, Shah Jumaat Mohd Yussof, Teng Lye Khoo, **Thirumulu Ponnuraj Kannan** (2012). Association of TGFb1 and SMAD4 variants in the etiology of keloid scar in the Malay population. *Archives of Dermatological Research*, 304: 541–547. (Impact factor: 2.279).
- 17) Sipaut, C.S., Murni, S., Saalah, S., Hoon, T.C., Mohamad Ibrahim, M.N., **Rahman, I.A.**, Abdullah, A.A. (2012). Synthesis and characterization of polyols from refined cooking oil for polyurethane foam formation. *Cellular Polymers*, 31(1): 19-38. (Impact factor: 0.355).
- 18) Ali Burak Aal-Saraj, **Zaihan Ariffin, Sam'an Malik Masudi** (2012). An agar diffusion study comparing the antimicrobial activity of Nanoseal with some other endodontic sealers. *Australian Endodontic Journal*, 38(2): 60-63. (Impact factor: 0.958).
- 19) Hamizah, A.S., Mariatti, M., Othman, R., Kawashita, M., **Noor Hayati, A.R.** (2012). Mechanical and thermal properties of polymethylmethacrylate bone cement composites incorporated with hydroxyapatite and glass-ceramic fillers. *Journal of Applied Polymer Science*, 125(Suppl 1): E661-E669. (Impact factor: 1.289).

20) Siti Noor Hidayah Abdul Wahid, Mohd Khairi Md Daud, Dinsuhaimi Sidek, **Normastura Abd Rahman**, Suzana Mansor, Mohamad Normani Zakaria (2012). The performance of distortion product otoacoustic emissions and automated auditory brainstem response in the same ear of the babies in neonatal unit. *International Journal of Pediatric Otorhinolaryngology*, 76(9): 1366-1369. (Impact factor: 1.167).

21) Uzbek, U., **Saifulizan, A.**, Hindi, R.M., Gillani, S.W., Athar, Y. (2012). Life in 3D: A 10 year review of literature on the application of cone beam computed tomography in dental implantology. *HealthMED*, 6(5): 1754-1761. (Impact factor: 0.435).

22) Md. Nazmul Islam, Mohammed Moniruzzaman, Md. Ibrahim Khalil, **Rehana Basri, Mohammad Khursheed Alam**, Keat Wei Loo, Siew Hua Gan (2012). Burden of stroke in Bangladesh. *International Journal of Stroke* (Published online: 13 Sept 2012). (Impact factor: 2.748).

23) Mohammed Mahmood Jawad, **Adam Husein, Mohammad Khursheed Alam, Rozita Hassan, Rumaizi Shaari** (2012). Overview of non-invasive factors (low level laser and low intensity pulsed ultrasound) accelerating tooth movement during orthodontic treatment. *Lasers in Medical Science* (Published online: 3 Sept 2012) (Impact factor: 2.402).

24) **Mohammad Khursheed Alam, Rehana Basri**, Kathiravan Purmal, MA Sikder, Mohammed Saifuddin, Junichiro Iida (2012). Cephalometric Evaluation for Bangladeshi Adult by Down's Analysis. *International Medical Journal*, 19(3): 258-261. (Impact Factor: 0.200).

25) **Mohammad Khursheed Alam, Rehana Basri**, Kathiravan Purmal, MA Sikder, Mohammed Saifuddin, Junichiro Iida (2012). Cephalometric Evaluation for Bangladeshi Adult by Steiner Analysis. *International Medical Journal*, 19(3): 262-265. (Impact Factor: 0.200).

26) **Rosmaliza Ramli, Mohd Fadhli Khamis**, Ahmad Nazrun Shuid (2012). Bone micro-CT assessments in an orchidectomised rat model supplemented with *Eurycoma longifolia*. *Evidence-Based Complementary and Alternative Medicine*, 2012, Article ID 501858, 9 pages. (Impact Factor: 4.774).

27) **MK Alam**, J Iida, Y Sato, Takashi S Kajii (2012) Postnatal treatment factors affecting craniofacial morphology of unilateral cleft lip and palate (UCLP) patients in a Japanese population. *British Journal of Oral and Maxillofacial Surgery*. (In press, Available online 23 October 2012). (Impact Factor: 2.717).

28) **Rayees Ahmad Shiekh, Ismail Ab Rahman**, Maqsood Ahmad Malik, **Sam'an Malik Masudi, Norhayati Luddin** (2012). Synthesis, spectral, electrochemical and biological studies of nitrogen donor macrocyclic ligand and its transition metal complexes. *International Journal of Electrochemical Science*, 7(12): 12829 - 12845. (Impact factor: 3.729).

29) **Mohammad Khursheed Alam, Rehana Basri**, Kathiravan Purmal, M. A. Sikder, Mohammed Saifuddin, Junichiro Iida (2012). Determining Cephalometric Norms for Bangladeshi Adults Using Bjork-Jarabak's Analysis. *International Medical Journal*, 19(4): 329 - 332. (Impact Factor: 0.200).

30) **Mohammad Khursheed Alam, Rehana Basri**, Kathiravan Purmal, M. A. Sikder, Mohammed Saifuddin, Junichiro Iida (2012). A Soft Tissue Cephalometric Analysis for Bangladeshi Adult Using Holdway's Analysis. *International Medical Journal*, 19(4): 333 - 336. (Impact Factor: 0.200).

31) Nabeel, I.J., Mohd, K.M.D., **Normastura, A.R.** (2012). Impacted mandibular tooth and pituitary macroadenoma: Differential diagnosis in a case of trigeminal neuropathy. *International Medical Journal*, 19(4): 352-353. (Impact Factor: 0.200)

32) **Taib, H.**, Swaminathan, D., Rehman, A., **Azlina, A.** (2012). Estrogen receptor gene polymorphisms and alveolar bone loss in postmenopausal Malay women. *International Medical Journal*, 19(3): 245-249.

#### **List of Publications Indexed in PubMed/SCOPUS (2012)**

1) Wahab, M.S., Kassim, N., Yussof, Y., **Rajion, Z.A.** (2012). Manufacturing of removable complete dentures using vacuum casting technique. 2011 International Conference on Applied Mechanics, Materials and Manufacturing, ICAMMM 2011; Shenzhen. 18-20 November 2011. *Applied Mechanics and Materials*, 120: 32-35.

2) **Fazal Reza**, Siau Peng Lim (2012). Effects of curing mode of resin cements on the bond strength of a titanium post: An intraradicular study. *Journal of Conservative Dentistry*, 15(2): 123-126.

3) **Dasmawati Mohamad**, Wan Suzaini Wan Hamzah, Wan Rosli Wan Daud, **Zainul Ahmad Rajion, Wan Zaripah Wan Bakar**, Mazlan Ibrahim (2012). Fabrication of cellulose acetate film from oil palm empty fruit bunch (OP-EFB) and cytotoxicity evaluation. *Pertanika Journal of Science & Technology*, 20 (1): 189 – 207.

4) Nurshuhada Mohd Nazir, **Dasmawati Mohamad**, Md. Azman Seeni Mohamed, **Nor Shamsuria Omar**, Radzali Othman (2012). Biocompatibility of in house  $\beta$ -tricalcium phosphate ceramics with normal human osteoblast cell. *Journal of Engineering Science and Technology*, 7(2): 169-176.

5) Abdussalam Salhin Mohamad Ali, Norfarhah Abdul Razak, **Ismail Ab Rahman** (2012). Study on the Preparation of a Sol-Gel Sorbent Based Thiosemicarbazone for Selective Removal of Heavy Metal Ions. *World Applied Sciences Journal*, 16(8): 1040-1047.

6) Hafzan Yusoff, Wan Nudri Wan Daud, **Zulkifli Ahmad** (2012). Nutrition education and knowledge, attitude and hemoglobin status of Malaysian adolescents. *Southeast Asian Journal of Tropical Medicine and Public Health*, 43(1): 192-200.

7) Habibah Md Said, **Wan Zaripah Wan Bakar**, Manal Farea, **Adam Husein** (2012). The effect of different sealer placement techniques on sealing ability: an in vitro study. *Journal of Conservative Dentistry*, 15(3): 257-260.

- 8) Ahmad Sukari Halim, Azadeh Emami, Iman Salahshourifar, **Thirumulu Ponnuraj Kannan** (2012). Keloid Scarring: Understanding the Genetic Basis, Advances, and Prospects. *Archives of Plastic Surgery*, 39(3):184-189 .
- 9) Wahab, M.S., Kassim, N., **Rajion, Z.A.** (2012). Rapid manufacturing of removable complete denture components. *Innovative Developments in Virtual and Physical Prototyping - Proceedings of the 5th International Conference on Advanced Research and Rapid Prototyping 2012*. Pages 745-748. 5th International Conference on Advanced Research in Virtual and Physical Prototyping, VR@P 2011, Leiria. 28 September - 1 October 2011. ISBN: 978-041568418-7.
- 10) **Alam, M.K.** (2012). Contemporary treatment of a class II division 1 case. *Bangladesh Journal of Medical Science*, 11(1): 63-65.
- 11) Raihana Nahar, Farhana Chowdhury, **Mohammad Khursheed Alam** (2012) Apexification with the use of calcium hydroxide. *Bangladesh Journal of Medical Science*, 11(2): 143-147.
- 12) Siti Arpah Bt Ahmad, Mohd Nasir Taib, Noor Elaiza A.Khalid, **Haslina Taib** (2012). Analysis of image quality based on dentists' perception cognitive analysis and statistical measurements of intra-oral dental radiographs. *2012 International Conference on Biomedical Engineering, ICoBE 2012, Penang*. 27-28 February 2012. Article number 6179042, Pages 379-384. ISBN: 978-145771989-9.
- 13) Salma B. Abdo, Aziza Al Darrat, **Sam'an Malik Masudi, Norhayati Luddin, Adam Husein** (2012). Sealing ability of gutta-percha/Nano HA versus Resilon/Epiphany after 20 months using an electrochemical model – an in vitro study. *Brazilian Journal of Oral Sciences*, 11(3): 387-391.
- 14) Johan NA, **Khamis MF**, Abdul Jamal NS, Ahmad B, Mahanani ES (2012). The variability of lower third molar development in Northeast Malaysian population with application to age estimation. *Journal of Forensic Odonto-Stomatology*, 30(1): 45-54.
- 15) Salma B. Abdo, **Sam'an Malik Masudi, Norhayati Luddin, Adam Husein, Mohd Fadhli Khamis** (2012). Fracture resistance of over-flared root canals filled with MTA and resin-based material: an in vitro study. *Brazilian Journal of Oral Sciences*, 11(4): 451-457.
- 16) Howlader TB, **Alam MK**, Sultana A (2012). Efficacy of silicone as a dowel impression material. *Bangladesh Journal of Medical Science*, 11(4): 331-334.
- 17) **Kasmawati Mokhtar**, John McIntyre (2012). Analysis of Etching of Tooth-coloured Restoratives by Different Acidulating Systems in Topical Fluoride Gels. *Journal of Physical Science*, 23(1): 15–28.
- 18) Ong Ren Ming, **Norhayati Luddin**, Hany Mohamed Aly Ahmed, Nor Shamsuria Omar (2012) Cytotoxicity of accelerated white MTA and Malaysian white Portland cement on Stem cells from Human Exfoliated Deciduous Teeth (SHED): An in vitro study. *Singapore Dental Journal*, 33(1): 19-23.

19) Tze Siew Kueh, **Fazal Reza** (2012). Evaluation of physical properties and casting accuracy of chrome-cobalt alloys with different casting systems and investments. *Journal of Physical Sciences*, 23 (2): 91–102.

20) **Sarliza Y. Sanusi**, W. Kim Seow, Laurence J. Walsh (2012). Effects of Er:YAG Laser on Surface Morphology of Dental Restorative Materials. *Journal of Physical Sciences*, 23 (2): 55–71.

21) Belal Khaled Mahmoud, Saifeddin Hamed I. Abu Asab, **Haslina Taib** (2012) Accuracy of Four Tooth Size Prediction Methods on Malay Population. *ISRN Dentistry*. Volume 2012 (2012), Article ID 523703, 4 pages. doi:10.5402/2012/523703.

22) Md Saidin Wahab, Noraniah Kassim, Yusri Yusof, **Zainul Ahmad Rajion** (2012). Integrated System for Denture Design and Manufacturing. *Applied Mechanics and Materials Vols. 229-231* (2012) pp 2572-2576.

#### **List of Publications In Non-Citation Indexed Journals (2012)**

1) Mohammed Noushad, **Ismail Ab Rahman, Adam Husein, Dasmawati Mohamad**, Abdul Rashid Ismail (2012). A simple method of obtaining spherical nanosilica from rice husk. *International Journal on Advanced Science Engineering Information Technology*, 2(2): 28-30.

2) Roziyamarni Che Abdul Aziz, **Ismail Ab Rahman, Dasmawati Mohamad** (2012). Synthesis of silica hybrid nanoparticles and the effect of their addition on the hardness of the dental nanocomposites. *International Journal on Advanced Science Engineering Information Technology*, 2(3): 13-16 .

3) Vishnudas Dinesh Prabhu, VR Brave, Rachana Prabhu, Pavitra Chandrashekar, Maji Jose, Dexter Brave, **Shanawaz Malik** (2012). Oral submucous fibrosis- a study of prevalence and etiology among adults of Bagalkot District. *International Journal of Preventive Dentistry and Oral Epidemiology*, 1(1).

4) **Wan Bakar WZ**, Akmarliza Abdullah, **Adam Husein** (2012). Erosion effect of acidic drinks on two types of glass ionomer cement. *Malaysian Dental Journal (e-journal)*.

5) **Mon Mon Tin-Oo**, Razliza Razali (2012). Sport-related oral injuries and mouthguard use among athletes in Kelantan, Malaysia. *Archives of Orofacial Sciences*, 7(1): 21-27.

6) **Adam Husein, Huwaina Abd. Ghani, Fazal Reza** (2012). Improving aesthetic of a cast cobalt chrome partial denture with custom made porcelain tooth: a case report. *Archives of Orofacial Sciences*, 7(2): 88-91.

7) Salma B Abdo, Aziza Al Darrat, **Sam'an Malik Masudi, Norhayati Luddin, Adam Husein, Mohd Fadhli Khamis** (2012). Comparison of over flared root canals of mandibular premolars filled with MTA and resin-based: an in vitro. *Smile Dental Journal*, 7(2): 38-42.

8) **MK Alam** (2012). Orthodontic management of open bite in favor of function, occlusion and smile precision. *International Journal of Dental Case Reports*, 2(2): 51-57.

9) Hany Mohamed Aly Ahmed, **Norhayati Luddin** (2012). Accessory mesial roots and root canals in mandibular molar teeth: case reports, SEM analysis and literature review. *ENDO - Endodontic Practice Today*, 6(3): 195-205.

10) **Hasan Ruhaya**, Nasruddin Jaafar, Marhazlinda Jamaluddin, Abdul Rashid Ismail, Noorliza Mastura Ismail, Tambi Chek Badariah, Azizah Mat, Siti Zaitun Mohamed (2012). Nutritional status and early childhood caries among preschool children in Pasir Mas, Kelantan, Malaysia. *Archives of Orofacial Sciences*, 7(2): 56-62.

11) Marini M, **Kannan TP**, Dorai AA, Lim CK, **Khairani IM**, Siti Fadilah A, Fareha AC, 2012. Culture technique of rabbit primary epidermal keratinocytes *Mirror of Research in Veterinary Sciences and Animals*. *MRVSA* 1(1), 42-49.

12) Siti Arpah Ahmad, Mohd Nasir Taib, Noor Elaiza Abdul Khalid, **Haslina Taib** (2012). An Analysis of Image Enhancement Techniques for Dental X-ray Image Interpretation, *International Journal of Machine Learning and Computing*, 2(3): 292-297.

13) Siti Arpah Ahmad, Mohd Nasir Taib, Noor Elaiza Abdul Khalid, **Haslina Taib** (2012). Correlation between Quantitative and Qualitative Analysis on Image Quality of Digital Dental X-ray Images. *Journal of Computer Science & Computational Mathematics*, 2(8): 43-51.

14) **Ninin Sukminingrum**, **Sam'an Malik Masudi** (2012). Diabetes mellitus management in dental practice. *Dentika Dental Journal*, 17(1): 93-98.

15) **Alam MK**, Sikder MA (2012). Spectrum of cross bite management. *Bangladesh Journal of Orthodontics and Dentofacial Orthopedics*, 2(2): 34-37.

16) **NH Ismail**, **RAR Awang**, **ZA Rajion** (2012). Shear bond strength of orthodontic brackets bonded on tooth surfaces using self etching primer. *International Journal of Research Dentistry*, 2(6): 24-32.

### List of Other Publications (2012)

- 1) **Sam'an Malik Masudi**, Sek Thenk Leong, **Norhayati Luddin**, **Nor Shamsuria Omar**, **Asiah Abu Bakar** (2012). *In vitro* cytotoxicity of three different generations of dentin bonding agents on SHEDS. Proceeding Book: The 2nd International Joint Symposium on Oral and Dental Sciences, Yogyakarta, Indonesia, 1-3 March 2012. Yogyakarta: Faculty of Dentistry, Universitas Gadjah Mada. ISBN: 978-602-9461-16-9.
  - 2) **Azizah Yusoff**, **Normastura Abdul Rahman** (2012). *Modul Penjagaan Kesihatan Mulut: Sustainable Optimal Services for Orang Kurang Upaya Program*. Kota Bharu: Pusat Pengajian Sains Perubatan, Universiti Sains Malaysia. ISBN: 978-967-0486-22-2.
  - 3) Amer Sobhi Abou-Alkheir, **Sam'an Malik Masudi**, **Wan Zariyah Wan Bakar** (2012). An in vitro comparative study on the cleaning ability of various irrigation techniques using 2 rotary NiTi systems. Proceeding Book: The 2nd National Scientific Meeting of the Indonesian Society of Conservative Dentistry TINII II, 23-25 November 2012, Surabaya, Indonesia. Surabaya: Faculty of Dentistry, Universitas Airlangga. pp. 103-107. ISBN: 978-602-19108-1-8.
  - 4) **Sam'an Malik Masudi**, Chew Sheau Suh, **Fazal Reza** (2012). Push-out bond strength of luting cements to titanium post under different dentin condition: an in vitro study. Proceeding Book: The 2nd National Scientific Meeting of the Indonesian Society of Conservative Dentistry TINII II, 23-25 November 2012, Surabaya, Indonesia. Surabaya: Faculty of Dentistry, Universitas Airlangga. pp. 245-250. ISBN: 978-602-19108-1-8.
-