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List of Publications

a. Conference Preceding

1. MA Khan., AM Young., K Main., High Strength, Low Monomer Content, Composite Bone Cements, Proceeding of 10th IASTED International Conference on Biomedical Engineering, Innsbruck, Austria, 14-18/02/2013.
2. MA Khan., AM Young. Development of high strength composite based bone cement with low heat generation and shrinkage. Proceeding of UK society for Biomaterials Conference– June, Birmingham 24-26/ 06/2013.
3. MA Khan., AM Young. Apatite Promoting, Low Modulus Composite Bone Cements with Low Heat Generation upon Set and High Subsequent Antibacterial Release. Proceeding of European society of Biomaterials. Liverpool, UK. 31/08-03/09/2014
4. MA Khan., N Walter., AM Young. Fibre-reinforced injectable orthopedic composites with improved toughness and cell compatibility. Proceeding of 20 and Exposition-Society for Biomaterials, Denver, USA 10-15/04/2014
5. NJ Walters., MA Khan., S Liaqat., AM Young. Novel Re-mineralising, Antimicrobial Dental and Orthopaedics Resin Based Composites. Proceedings of Tissue Engineering and Regenerative Medicine International Society (TERMIS) European Chapter Conference, Istanbul, Turkey, 17-20/06/2013. Tissue Engineering Part A.
6. NJ Walters., MA Khan., AM Young. Novel fibre reinforced re-mineralising Dental and Orthopaedic Composite with improved Toughness and Fatigue Properties. Proceeding of Swiss Society for Biomaterials (SSB) Conference, Davos, Switzerland, 25-26/06/2013.
7. MA Khan., AM Young. Effect of Novel Poly-antimicrobial on Mechanical Properties, Adhesion, Elution Characteristics and Hydroxyapatite Precipitation. Proceedings of International Association of Dental Research, 93rd IADR/AADR/CADR General Session Boston, Massachusetts, USA, 11-14/03/15

b. Paper Publications and Manuscript in Process

8. S.Liaqat., A Aljabo., MA Khan., HB Nuba., L Bozec., PF Ashley., and AM Young. Characterization of Dentine to Assess Bond Strength of Dental Composite, *Materials*.2015, 8(5), 2110-2126.
9. A, Aljabo., W, Xia., S, Liaqat, MA Khan., JC Knowles., P Ashely., and AM Young. Conversion, Shrinkage, Water-sorption, Flexural Strength and Modulus of Re-mineralising Dental Composites. *Dental Material*. 2015, Nov;31(11):1279-89
10. K, Main., MA Khan., AM Young. Comparison of New composite bone cement Comp06 with Cortoss, Palacos R and Simplex P. *Materials* (2015).
11. MA Khan., K Main., AM Young. High Strength, Low Monomer Content, Composite Bone Cements, *Biomedical Engineering, Acta Press*, 2013.791-038.
12. MA Khan., AM Young. Development of fibre toughened composite based bone cement with low heat generation and shrinkage *Materials* (2015).