

Dr Saroash Shahid

BDS, MSc, PhD

School of Engineering and Materials Science
Queen Mary University of London
Mile End Road
London E1 4NS

tel: +44 (0)20 7882 5983

email: s.shahid@qmul.ac.uk web: www.sems.qmul.ac.uk/s.shahid

2023

A systematic review on the effect of silver diamine fluoride for management of dental caries in permanent teeth.

Mungur A, Chen H, Shahid S and Baysan A. *Clinical and Experimental Dental Research* vol. 9, (2) 375-387. Wiley.

2022

Are inert glasses really inert?.

Tiskaya M, Salihi A, Shahid S and Hill R. *Dental Materials* vol. 38, (11) 1742-1748. Elsevier.

Effect of topically applied silver compounds on the demineralisation of hydroxyapatite.

Huang W-T, Anderson P, Duminis T and Shahid S. *Dental Materials* vol. 38, (4) 709-714. Elsevier.

3 Root canal obturation materials.

Baysan A and Shahid S. *Biomaterials in Endodontics* 83-97. Elsevier.

2021

A Potassium Based Fluorine Containing Bioactive Glass for Use as a Desensitizing Toothpaste.

Tiskaya M, Gillam D, Shahid S and Hill R. *Molecules* vol. 26, (14) 4327-4327.

Remineralising fluorine containing bioactive glass composites.

Al-eesa NA, Fernandes SD, Hill RG, Wong FSL, Jargalsaikhan U and Shahid S. *Dental Materials*.

The use of bioactive glass (BAG) in dental composites: A critical review.

Tiskaya M, Shahid S, Gillam D and Hill R. *Dental Materials* vol. 37, (2) 296-310. Elsevier.

2020

13 Effects of strontium substitution in synthetic apatites for biomedical applications.

Alyousef NI, Almainouni YK, Benrahed MA, Khan AS and Shahid S. *Handbook of Ionic Substituted Hydroxyapatites* 307-325. Elsevier.

2019

25 Applications of silver diamine fluoride in management of dental caries.

Huang W-T, Shahid S and Anderson P. *Advanced Dental Biomaterials* 675-699. Elsevier.

8 Glass-ionomer cement: chemistry and its applications in dentistry.

Shahid S and Duminis T. *Advanced Dental Biomaterials* 175-195. Elsevier.

2018

Evaluation of Microleakage in Zirconomer: A Zirconia Reinforced Glass Ionomer Cement.

Shahid S and ALBESHTI R. *Acta Stomatologica Croatica* vol. 52, (2) 97-104. University of Zagreb.

Validation of a Real-time ISE Methodology to Quantify the Influence of Inhibitors of Demineralization Kinetics in vitro Using a Hydroxyapatite Model System.

Shahid S, ANDERSON P and HUANG WT. *Caries Research*. Karger Publishers.

Predicting Refractive Index of Fluoride Containing Glasses For Aesthetic Dental Restorations.

DUMINIS T, Shahid S, KARPUKHINA N and HILL R. *Dental Materials*.

Controlled release of chlorhexidine from a HEMA-UDMA resin using a magnetic field.

LUO D, Shahid S, Hasan S, WHILEY R, SUKHORUKOV G and CATTELL MJ. *Dental Materials*. Watts D. Elsevier.

2017

Gold Nanorod Mediated Chlorhexidine Microparticle Formation and Near-infrared Light Induced Release.

CATTELL MJ, Sukhorukov G, Shahid S, Dong L, Hasan S and khlebtsov B. *Langmuir*. American Chemical Society.

Synthesis of Novel Chlorhexidine Spheres with controlled release from a UDMA-HEMA Resin using Ultrasound.

Luo D, Shahid S, Sukhorukov G and CATTELL MJ. *Dental Materials* vol. 33, (6) 713-722. Watts D. Elsevier.

Apatite Glass-Ceramics: A Review.

Duminis T, Shahid S and Hill RG. *Frontiers in Materials* vol. 3,. *Frontiers Media*.

2016

In-vitro Study on Temperature Changes in the Pulp Chamber Due to Thermo-Curing of Glass Ionomer Cements.

van Duinen R, Shahid S, Hill R and Glavina D. *Acta Stomatologica Croatica* vol. 50, (4) 287-291. University of Zagreb.

Electrospun poly (lactic acid) fibers containing novel chlorhexidine particles with sustained antibacterial activity.

CATTELL MJ, Sukhorukov G, Gould DJ, shahid S, Zhang X and Luo DONG. *Biomaterials Science*. Jun Wang . Royal Society of Chemistry.

Novel Formulation of Chlorhexidine Spheres and Sustained Release with Multilayered Encapsulation.

Luo D, Shahid S, Wilson RM, Cattell M and Sukhorukov GB. *Acs Applied Materials and Interfaces* vol. 8 (20), 12652-12660. American Chemical Society.

2015

Therapeutic Ion-Releasing Bioactive Glass Ionomer Cements with Improved Mechanical Strength and Radiopacity.

Fuchs M, Gentleman E, Shahid S, Hill RG and Brauer DS. *Frontiers in Materials* vol. 2,. *Frontiers*.

Glass polyalkenoate cements based on simple CaOAl₂O₃SiO₂ glasses.

Tang HM, Shahid S, Karpukhina N, Law RV and Hill RG. *Materials Science and Technology* vol. 31, (2) 197-202. Sage Publications.

2014

Glass ionomer cements: effect of strontium substitution on esthetics, radiopacity and fluoride release.

Shahid S, Hassan U, Billington RW, Hill RG and Anderson P. *Dent Mater* vol. 30, (3) 308-313.

2011

The effect of ultrasound on the uptake of fluoride by glass ionomer cements.

Shahid S, Billington RW and Hill RG. *J Mater Sci Mater Med* vol. 22, (2) 247-251.

2010

Kinetics of fluoride ion release from dental restorative glass ionomer cements: the influence of ultrasound, radiant heat and glass composition.

Thanjal NK, Billington RW, Shahid S, Luo J, Hill RG and Pearson GJ. *J Mater Sci Mater Med* vol. 21, (2) 589-595.

The effect of ultrasound on the setting reaction of zinc polycarboxylate cements.

Shahid S, Billington RW, Hill RG and Pearson GJ. *J Mater Sci: Mater Med* vol. 21, 2901-2905.

2008

The role of glass composition in the behaviour of glass acetic acid and glass lactic acid cements.

Shahid S, Billington RW and Pearson GJ. *J Mater Sci-Mater M* vol. 19, (2) 541-545.