Vehid Max Salih

List of Publications by Year
in descending order

61 papers	4,011 citations	117571 34 h-index	123376 61 g-index
62 all docs	62 docs citations	62 times ranked	5106 citing authors

#	Article	IF	Citations
1	Atrial fibrillation in Middle Eastern Arabs and South Asians: a scoping review. Reviews in Cardiovascular Medicine, 2021, 22, 1185.	0.5	1
2	Atypical Mesenchymal Stromal Cell Responses to Topographic Modifications of Titanium Biomaterials Indicate Cytoskeletal- and Genetic Plasticity-Based Heterogeneity of Cells. Stem Cells International, 2019, 2019, 1-16.	1.2	5
3	Development and characterization of a 3D oral mucosa model as a tool for host-pathogen interactions. Journal of Microbiological Methods, 2018, 152, 52-60.	0.7	19
4	Highly elastomeric poly(3-hydroxyoctanoate) based natural polymer composite for enhanced keratinocyte regeneration. International Journal of Polymeric Materials and Polymeric Biomaterials, 2017, 66, 326-335.	1.8	22
5	P(3HB) Based Magnetic Nanocomposites: Smart Materials for Bone Tissue Engineering. Journal of Nanomaterials, 2016, 2016, 1-14.	1.5	11
6	Composite scaffolds for cartilage tissue engineering based on natural polymers of bacterial origin, thermoplastic poly(3â€hydroxybutyrate) and microâ€fibrillated bacterial cellulose. Polymer International, 2016, 65, 780-791.	1.6	38
7	Novel poly(3â€hydroxybutyrate) composite films containing bioactive glass nanoparticles for wound healing applications. Polymer International, 2016, 65, 661-674.	1.6	34
8	Poly(propylene glycol) and urethane dimethacrylates improve conversion of dental composites and reveal complexity of cytocompatibility testing. Dental Materials, 2016, 32, 264-277.	1.6	63
9	Titanium phosphate glass microcarriers induce enhanced osteogenic cell proliferation and human mesenchymal stem cell protein expression. Journal of Tissue Engineering, 2015, 6, 204173141561774.	2.3	21
10	The Relationship between Biofilm and Physical-Chemical Properties of Implant Abutment Materials for Successful Dental Implants. Materials, 2014, 7, 3651-3662.	1.3	27
11	Brushite and Selfâ€Healing Flexible Polymerâ€<scp>M</scp>odified Brushite Bone Adhesives for Fibular Osteotomy Repair. Advanced Engineering Materials, 2014, 16, 218-230.	1.6	1
12	Electrophoretic Deposition of Gentamicin-Loaded Bioactive Glass/Chitosan Composite Coatings for Orthopaedic Implants. ACS Applied Materials & Interfaces, 2014, 6, 8796-8806.	4.0	162
13	Bone formation controlled by biologically relevant inorganic ions: Role and controlled delivery from phosphate-based glasses. Advanced Drug Delivery Reviews, 2013, 65, 405-420.	6.6	223
14	Titanium phosphate glass microspheres for bone tissue engineering. Acta Biomaterialia, 2012, 8, 4181-4190.	4.1	70
15	Osteochondral tissue engineering: scaffolds, stem cells and applications. Journal of Cellular and Molecular Medicine, 2012, 16, 2247-2270.	1.6	255
16	Poly-dl-lactic acid coated BioglassÂ® scaffolds: toughening effects and osteosarcoma cell proliferation. Journal of Materials Science, 2012, 47, 5661-5672.	1.7	19
17	Viscoelastic and biological performance of low-modulus, reactive calcium phosphate-filled, degradable, polymeric bone adhesives. Acta Biomaterialia, 2012, 8, 313-320.	4.1	26
18	Structural characterization and physical properties of P2O5â€“CaOâ€“Na2Oâ€“TiO2 glasses by Fourier transform infrared, Raman and solid-state magic angle spinning nuclear magnetic resonance spectroscopies. Acta Biomaterialia, 2012, 8, 333-340.	4.1	70

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19	Solâ€“gel based fabrication and characterization of new bioactive glassâ€“ceramic composites for dental applications. Journal of the European Ceramic Society, 2012, 32, 3051-3061.	2.8	47
20	<i>In vitro</i> evaluation of 45S5 BioglassÂ®â€derived glassâ€ceramic scaffolds coated with carbon nanotubes. Journal of Biomedical Materials Research - Part A, 2011, 99A, 435-444.	2.1	40
21	The homopolymer poly(3â€hydroxyoctanoate) as a matrix material for soft tissue engineering. Journal of Applied Polymer Science, 2011, 122, 3606-3617.	1.3	20
22	Titanium and Strontium-doped Phosphate Glasses as Vehicles for Strontium Ion Delivery to Cells. Journal of Biomaterials Applications, 2011, 25, 877-893.	1.2	30
23	<i>In vitro</i> studies on the influence of surface modification of Niâ€“Ti alloy on human bone cells. Journal of Biomedical Materials Research - Part A, 2010, 93A, 1596-1608.	2.1	15
24	Characterization of carbon nanotube (MWCNT) containing P(3HB)/bioactive glass composites for tissue engineering applications. Acta Biomaterialia, 2010, 6, 735-742.	4.1	79
25	The Influence of Tetracycline Loading on the Surface Morphology and Biocompatibility of Films Made from P(3HB) Microspheres. Advanced Engineering Materials, 2010, 12, B260.	1.6	6
26	Reactive calcium-phosphate-containing poly(ester-co-ether) methacrylate bone adhesives: Chemical, mechanical and biological considerations. Acta Biomaterialia, 2010, 6, 845-855.	4.1	32
27	Chemical, modulus and cell attachment studies of reactive calcium phosphate filler-containing fast photo-curing, surface-degrading, polymeric bone adhesives. Acta Biomaterialia, 2010, 6, 2695-2703.	4.1	15
28	Poly(3-hydroxybutyrate) multifunctional composite scaffolds for tissue engineering applications. Biomaterials, 2010, 31, 2806-2815.	5.7	149
29	Fabrication of a novel poly(3-hydroxyoctanoate) âˆ• nanoscale bioactive glass composite film with potential as a multifunctional wound dressing. AIP Conference Proceedings, 2010, , .	0.3	9
30	Chondrogenic potential of blood-acquired mesenchymal progenitor cells. Journal of Plastic, Reconstructive and Aesthetic Surgery, 2010, 63, 841-847.	0.5	14
31	Effect of nanoparticulate bioactive glass particles on bioactivity and cytocompatibility of poly(3-hydroxybutyrate) composites. Journal of the Royal Society Interface, 2010, 7, 453-465.	1.5	134
32	Strontium oxide doped quaternary glasses: effect on structure, degradation and cytocompatibility. Journal of Materials Science: Materials in Medicine, 2009, 20, 1339-1346.	1.7	40
33	<i>In vitro</i>biocompatibility of 45S5 Bioglass^{Â®}-derived glass-ceramic scaffolds coated with poly(3-hydroxybutyrate). Journal of Tissue Engineering and Regenerative Medicine, 2009, 3, 139-148.	1.3	76
34	Development of remineralizing, antibacterial dental materials. Acta Biomaterialia, 2009, 5, 2525-2539.	4.1	60
35	Incorporation of vitamin E in poly(3hydroxybutyrate)/Bioglass composite films: effect on surface properties and cell attachment. Journal of the Royal Society Interface, 2009, 6, 401-409.	1.5	29
36	Ironâ€phosphate glass fiber scaffolds for the hardâ€“soft interface regeneration: The effect of fiber diameter and flow culture condition on cell survival and differentiation. Journal of Biomedical Materials Research - Part A, 2008, 87A, 1017-1026.	2.1	18

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37	Comparison of nanoscale and microscale bioactive glass on the properties of P(3HB)/BioglassÂ® composites. Biomaterials, 2008, 29, 1750-1761.	5.7	305
38	Effect of Cell Density on Osteoblastic Differentiation and Matrix Degradation of Biomimetic Dense Collagen Scaffolds. Biomacromolecules, 2008, 9, 129-135.	2.6	120
39	Changes in bone morphogenetic protein receptor-IB localisation regulate osteogenic responses of human bone cells to bone morphogenetic protein-2. International Journal of Biochemistry and Cell Biology, 2008, 40, 2854-2864.	1.2	14
40	Zinc-containing phosphate-based glasses for tissue engineering. Biomedical Materials (Bristol), 2007, 2, 11-20.	1.7	61
41	In vitro bioactivity and gene expression by cells cultured on titanium dioxide doped phosphate-based glasses. Biomaterials, 2007, 28, 2967-2977.	5.7	106
42	Effect of multiple unconfined compression on cellular dense collagen scaffolds for bone tissue engineering. Journal of Materials Science: Materials in Medicine, 2007, 18, 237-244.	1.7	73
43	Surface characterisation of various bone cements prepared with functionalised methacrylates/bioactive ceramics in relation to HOB behaviour. Acta Biomaterialia, 2006, 2, 143-154.	4.1	5
44	Initial responses of human osteoblasts to solâ€"gel modified titanium with hydroxyapatite and titania composition. Acta Biomaterialia, 2006, 2, 547-556.	4.1	66
45	Up-regulation of bone morphogenetic protein receptor IB by growth factors enhances BMP-2-induced human bone cell functions. Journal of Cellular Physiology, 2006, 209, 912-922.	2.0	49
46	Sol-gel-modified titanium with hydroxyapatite thin films and effect on osteoblast-like cell responses. Journal of Biomedical Materials Research - Part A, 2005, 74A, 294-305.	2.1	51
47	Hydroxyapatite and titania sol-gel composite coatings on titanium for hard tissue implants; Mechanical andin vitro biological performance. Journal of Biomedical Materials Research Part B, 2005, 72B, 1-8.	3.0	84
48	Effect of fluoridation of hydroxyapatite in hydroxyapatite-polycaprolactone composites on osteoblast activity. Biomaterials, 2005, 26, 4395-4404.	5.7	104
49	Stimulation of osteoblast responses to biomimetic nanocomposites of gelatinâ€"hydroxyapatite for tissue engineering scaffolds. Biomaterials, 2005, 26, 5221-5230.	5.7	416
50	Soluble phosphate glass fibres for repair of bone-ligament interface. Journal of Materials Science: Materials in Medicine, 2005, 16, 1131-1136.	1.7	41
51	Physicochemical, Mechanical, and Biological Properties of Bone Cements Prepared with Functionalized Methacrylates. Journal of Biomaterials Applications, 2004, 19, 147-161.	1.2	12
52	Soluble phosphate glasses: in vitro studies using human cells of hard and soft tissue origin. Biomaterials, 2004, 25, 2283-2292.	5.7	118
53	Dissolution control and cellular responses of calcium phosphate coatings on zirconia porous scaffold. Journal of Biomedical Materials Research Part B, 2004, 68A, 522-530.	3.0	46
54	Hydroxyapatite and fluor-hydroxyapatite layered film on titanium processed by a sol-gel route for hard-tissue implants. Journal of Biomedical Materials Research Part B, 2004, 71B, 66-76.	3.0	50

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55	In situ non-invasive spectral discrimination between bone cell phenotypes used in tissue engineering. Journal of Cellular Biochemistry, 2004, 92, 1180-1192.	1.2	92
56	The effect of MgO on the solubility behavior and cell proliferation in a quaternary soluble phosphate based glass system. Journal of Materials Science: Materials in Medicine, 2002, 13, 549-556.	1.7	61
57	Retroviral transduction of alveolar bone cells with a temperature-sensitive SV40 large T antigen. Cell and Tissue Research, 2001, 304, 371-376.	1.5	13
58	Glass reinforced hydroxyapatite for hard tissue surgeryâ€"Part II: in vitro evaluation of bone cell growth and function. Biomaterials, 2001, 22, 2817-2824.	5.7	42
59	Development of soluble glasses for biomedical use Part II: the biological response of human osteoblast cell lines to phosphate-based soluble glasses. Journal of Materials Science: Materials in Medicine, 2000, 11, 615-620.	1.7	161
60	Effect of Normal Synovial Fluid on the Metabolism of Articular Chondrocytes In Vitro. Clinical Orthopaedics and Related Research, 1997, 342, 228???238.	0.7	20
61	Effect of vascular clamp on endothelial integrity of the internal mammary artery. Annals of Thoracic Surgery, 1993, 55, 923-926.	0.7	21