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List of Publications by Year
in descending order

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24 papers	730 citations	566801 15 h-index	642321 23 g-index
24 all docs	24 docs citations	24 times ranked	1045 citing authors

#	Article	IF	Citations
1	Synthesis, characterization and microbiological response of silver doped bioactive glass nanoparticles. Ceramics International, 2012, 38, 177-188.	2.3	170
2	Fabrication and characterization of ZnO modified bioactive glass nanoparticles. Ceramics International, 2012, 38, 1195-1204.	2.3	76
3	Development, characterization, and in vitro bioactivity studies of solâ€“gel bioactive glass/poly(l-lactide) nanocomposite scaffolds. Materials Science and Engineering C, 2010, 30, 120-131.	3.8	59
4	Synthesis of silicate glass/poly(l-lactide) composite scaffolds by freeze-extraction technique: Characterization and in vitro bioactivity evaluation. Ceramics International, 2010, 36, 995-1009.	2.3	42
5	Bioactive glass nanoparticles designed for multiple deliveries of lithium ions and drugs: Curative and restorative bone treatment. European Journal of Pharmaceutical Sciences, 2016, 91, 243-250.	1.9	38
6	In vitro and in vivo study of naturally derived alginate/hydroxyapatite bio composite scaffolds. International Journal of Biological Macromolecules, 2020, 165, 1346-1360.	3.6	38
7	Fabrication, characterization and bioactivity evaluation of calcium pyrophosphate/polymeric biocomposites. Ceramics International, 2009, 35, 2933-2942.	2.3	33
8	Novel green synthesis of hydroxyapatite uniform nanorods via microwave-hydrothermal route using licorice root extract as template. Ceramics International, 2021, 47, 3928-3937.	2.3	33
9	Bioactive Glass Nanoparticles as a New Delivery System for Sustained 5-Fluorouracil Release: Characterization and Evaluation of Drug Release Mechanism. Journal of Nanomaterials, 2015, 2015, 1-11.	1.5	32
10	Safety Evaluation of a Bioglassâ€“Polylactic Acid Composite Scaffold Seeded with Progenitor Cells in a Rat Skull Critical-Size Bone Defect. PLoS ONE, 2014, 9, e87642.	1.1	31
11	Characterization, and antibacterial properties of novel silver releasing nanocomposite scaffolds fabricated by the gas foaming/salt-leaching technique. Journal of Genetic Engineering and Biotechnology, 2012, 10, 229-238.	1.5	28
12	Controlled delivery of therapeutic ions and antibiotic drug of novel alginate-agarose matrix incorporating selenium-modified borosilicate glass designed for chronic wound healing. Journal of Non-Crystalline Solids, 2020, 534, 119889.	1.5	28
13	Enhancing the Stability, Hydrophilicity, Mechanical and Biological Properties of Electrospun Polycaprolactone in Formic Acid/Acetic Acid Solvent System. Fibers and Polymers, 2019, 20, 715-724.	1.1	17
14	Novel porous Al₂O₃-SiO₂-TiO₂ bone grafting materials: Formation and characterization. Journal of Biomaterials Applications, 2014, 28, 813-824.	1.2	16
15	Magnetic glass ceramics for sustained 5-fluorouracil delivery: Characterization and evaluation of drug release kinetics. Materials Science and Engineering C, 2014, 44, 293-309.	3.8	15
16	Biological Performance of Calcium Pyrophosphateâ€coated Porous Alumina Scaffolds. International Journal of Applied Ceramic Technology, 2014, 11, 1-11.	1.1	14
17	Antimicrobial properties of tissue conditioner containing silver doped bioactive glass nanoparticles:in vitrostudy. Advances in Natural Sciences: Nanoscience and Nanotechnology, 2018, 9, 035003.	0.7	13
18	Optimization of ciprofloxacin release kinetics of novel Nano-bioactive glasses: Effect of glass modifier content on drug loading and release mechanism. Journal of Non-Crystalline Solids, 2019, 521, 119471.	1.5	13

#	Article	IF	Citations
19	Effect of different additions on the crystallization behavior and magnetic properties of magnetic glassâ€“ceramic in the system Fe2O3â€“ZnOâ€“CaOâ€“SiO2. Journal of Advanced Research, 2012, 3, 167-175.	4.4	12
20	Synthesis of Gelatin-Agarose Scaffold for Controlled Antibiotic Delivery and its Modification by Glass Nanoparticles Addition as a Potential Osteomyelitis Treatment. Silicon, 2021, 13, 2011-2028.	1.8	11
21	Production of bioactive glass/chitosan scaffolds by freeze-gelation for optimized vancomycin delivery: Effectiveness of glass presence on controlling the drug release kinetics. Journal of Drug Delivery Science and Technology, 2021, 66, 102779.	1.4	5
22	Development and bioactivity evaluation of bioglasses with low Na2O content based on the system Na2Oâ€“CaOâ€“MgOâ€“P2O5â€–SiO2. Journal of Materials Science: Materials in Medicine, 2012, 23, 2069-2080.	1.7	4
23	Preparation and characterization of novel bio-composites based on functionalized zeolite and nano-hydroxyapatite for a potential application in bone treatment. Journal of Porous Materials, 0, , 1.	1.3	1
24	Processing and Characterization of Gallium-Modified Bioactive Glass Nanoparticles for Controlled Delivery of 5-Fluorouracil and Vitamin D3: an Advanced Approach to Osteoporosis and Bone cancer Treatment. Silicon, 2022, 14, 12753-12771.	1.8	1