

Abeer M El-Kady

List of Publications by Year in descending order

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24
papers

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citations

566801

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docs citations

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times ranked

1045
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#	ARTICLE	IF	CITATIONS
1	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. <i>Silicon</i> , 2022, 14, 12753-12771.	1.8	1
2	Synthesis of Gelatin-Agarose Scaffold for Controlled Antibiotic Delivery and its Modification by Glass Nanoparticles Addition as a Potential Osteomyelitis Treatment. <i>Silicon</i> , 2021, 13, 2011-2028.	1.8	11
3	Novel green synthesis of hydroxyapatite uniform nanorods via microwave-hydrothermal route using licorice root extract as template. <i>Ceramics International</i> , 2021, 47, 3928-3937.	2.3	33
4	Production of bioactive glass/chitosan scaffolds by freeze-gelation for optimized vancomycin delivery: Effectiveness of glass presence on controlling the drug release kinetics. <i>Journal of Drug Delivery Science and Technology</i> , 2021, 66, 102779.	1.4	5
5	In vitro and in vivo study of naturally derived alginate/hydroxyapatite bio composite scaffolds. <i>International Journal of Biological Macromolecules</i> , 2020, 165, 1346-1360.	3.6	38
6	Controlled delivery of therapeutic ions and antibiotic drug of novel alginate-agarose matrix incorporating selenium-modified borosilicate glass designed for chronic wound healing. <i>Journal of Non-Crystalline Solids</i> , 2020, 534, 119889.	1.5	28
7	Optimization of ciprofloxacin release kinetics of novel Nano-bioactive glasses: Effect of glass modifier content on drug loading and release mechanism. <i>Journal of Non-Crystalline Solids</i> , 2019, 521, 119471.	1.5	13
8	Enhancing the Stability, Hydrophilicity, Mechanical and Biological Properties of Electrospun Polycaprolactone in Formic Acid/Acetic Acid Solvent System. <i>Fibers and Polymers</i> , 2019, 20, 715-724.	1.1	17
9	Antimicrobial properties of tissue conditioner containing silver doped bioactive glass nanoparticles: in vitro study. <i>Advances in Natural Sciences: Nanoscience and Nanotechnology</i> , 2018, 9, 035003.	0.7	13
10	Bioactive glass nanoparticles designed for multiple deliveries of lithium ions and drugs: Curative and restorative bone treatment. <i>European Journal of Pharmaceutical Sciences</i> , 2016, 91, 243-250.	1.9	38
11	Bioactive Glass Nanoparticles as a New Delivery System for Sustained 5-Fluorouracil Release: Characterization and Evaluation of Drug Release Mechanism. <i>Journal of Nanomaterials</i> , 2015, 2015, 1-11.	1.5	32
12	Biological Performance of Calcium Pyrophosphate-coated Porous Alumina Scaffolds. <i>International Journal of Applied Ceramic Technology</i> , 2014, 11, 1-11.	1.1	14
13	Novel porous Al ₂ O ₃ -SiO ₂ -TiO ₂ bone grafting materials: Formation and characterization. <i>Journal of Biomaterials Applications</i> , 2014, 28, 813-824.	1.2	16
14	Magnetic glass ceramics for sustained 5-fluorouracil delivery: Characterization and evaluation of drug release kinetics. <i>Materials Science and Engineering C</i> , 2014, 44, 293-309.	3.8	15
15	Safety Evaluation of a Bioglass-Polylactic Acid Composite Scaffold Seeded with Progenitor Cells in a Rat Skull Critical-Size Bone Defect. <i>PLoS ONE</i> , 2014, 9, e87642.	1.1	31
16	Development and bioactivity evaluation of bioglasses with low Na ₂ O content based on the system Na ₂ O-CaO-MgO-P ₂ O ₅ -SiO ₂ . <i>Journal of Materials Science: Materials in Medicine</i> , 2012, 23, 2069-2080.	1.7	4
17	Characterization, and antibacterial properties of novel silver releasing nanocomposite scaffolds fabricated by the gas foaming/salt-leaching technique. <i>Journal of Genetic Engineering and Biotechnology</i> , 2012, 10, 229-238.	1.5	28
18	Synthesis, characterization and microbiological response of silver doped bioactive glass nanoparticles. <i>Ceramics International</i> , 2012, 38, 177-188.	2.3	170

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19	Fabrication and characterization of ZnO modified bioactive glass nanoparticles. <i>Ceramics International</i> , 2012, 38, 1195-1204.	2.3	76
20	Effect of different additions on the crystallization behavior and magnetic properties of magnetic glass-ceramic in the system $Fe_2O_3-ZnO-CaO-SiO_2$. <i>Journal of Advanced Research</i> , 2012, 3, 167-175.	4.4	12
21	Synthesis of silicate glass/poly(l-lactide) composite scaffolds by freeze-extraction technique: Characterization and in vitro bioactivity evaluation. <i>Ceramics International</i> , 2010, 36, 995-1009.	2.3	42
22	Development, characterization, and in vitro bioactivity studies of sol-gel bioactive glass/poly(l-lactide) nanocomposite scaffolds. <i>Materials Science and Engineering C</i> , 2010, 30, 120-131.	3.8	59
23	Fabrication, characterization and bioactivity evaluation of calcium pyrophosphate/polymeric biocomposites. <i>Ceramics International</i> , 2009, 35, 2933-2942.	2.3	33
24	Preparation and characterization of novel bio-composites based on functionalized zeolite and nano-hydroxyapatite for a potential application in bone treatment. <i>Journal of Porous Materials</i> , 0, , 1.	1.3	1