

Rafaqat Hussain

List of Publications by Citations

Source: <https://exaly.com/author-pdf/9484233/rafaqat-hussain-publications-by-citations.pdf>

Version: 2024-04-25

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

51
papers

1,324
citations

20
h-index

36
g-index

52
ext. papers

1,543
ext. citations

4
avg, IF

4.65
L-index

#	Paper	IF	Citations
51	Electrospun fibers for tissue engineering, drug delivery, and wound dressing. <i>Journal of Materials Science</i> , 2013 , 48, 3027-3054	4.3	226
50	Extracting hydroxyapatite and its precursors from natural resources. <i>Journal of Materials Science</i> , 2014 , 49, 1461-1475	4.3	213
49	In-vitro characterization of antibacterial bioactive glass containing ceria. <i>Ceramics International</i> , 2014 , 40, 729-737	5.1	75
48	Bioactive Glass: An In-Vitro Comparative Study of Doping with Nanoscale Copper and Silver Particles. <i>International Journal of Applied Glass Science</i> , 2014 , 5, 255-266	1.8	71
47	Dipcoating of poly (ε-caprolactone)/hydroxyapatite composite coating on Ti6Al4V for enhanced corrosion protection. <i>Surface and Coatings Technology</i> , 2014 , 245, 102-107	4.4	65
46	Structural characterization, optical properties and in vitro bioactivity of mesoporous erbium-doped hydroxyapatite. <i>Journal of Alloys and Compounds</i> , 2015 , 645, 478-486	5.7	55
45	Nickel/Cobalt Layered Double Hydroxide Anchored Zinc Oxide Nanowires grown on Carbon Fiber Cloth for High-Performance Flexible Pseudocapacitive Energy Storage Devices. <i>Electrochimica Acta</i> , 2014 , 129, 28-32	6.7	51
44	Synthesis, characterization, in vitro bioactivity and antimicrobial activity of magnesium and nickel doped silicate hydroxyapatite. <i>Ceramics International</i> , 2015 , 41, 11886-11898	5.1	40
43	In vitro study of nano-sized zinc doped bioactive glass. <i>Materials Chemistry and Physics</i> , 2013 , 137, 1031-1038	4.0	40
42	Microwave assisted synthesis of nano sized sulphate doped hydroxyapatite. <i>Materials Research Bulletin</i> , 2013 , 48, 2106-2110	5.1	38
41	Antibacterial polylactic acid/chitosan nanofibers decorated with bioactive glass. <i>Applied Surface Science</i> , 2016 , 387, 1-7	6.7	32
40	Electrophoretic deposition of PVA coated hydroxyapatite on 316L stainless steel. <i>Current Applied Physics</i> , 2012 , 12, 755-759	2.6	31
39	Continuous microwave flow synthesis of mesoporous hydroxyapatite. <i>Materials Science and Engineering C</i> , 2015 , 56, 356-62	8.3	29
38	Injectable magnesium-doped brushite cement for controlled drug release application. <i>Journal of Materials Science</i> , 2016 , 51, 7427-7439	4.3	28
37	Continuous microwave flow synthesis (CMFS) of nano-sized tin oxide: Effect of precursor concentration. <i>Ceramics International</i> , 2016 , 42, 8613-8619	5.1	28
36	Rapid synthesis of thermally stable hydroxyapatite. <i>Ceramics International</i> , 2012 , 38, 457-462	5.1	28
35	Fabrication of V2O5 super long nanobelts: optical, in situ electrical and field emission properties. <i>New Journal of Chemistry</i> , 2015 , 39, 5197-5202	3.6	27

34	Fabrication of ZnV2O6 nanostructures: Their energy storage and PL properties. <i>Materials Letters</i> , 2015 , 155, 15-17	3.3	23
33	Novel Zn ₂ V ₂ O ₇ hierarchical nanostructures: Optical and hydrogen storage properties. <i>International Journal of Hydrogen Energy</i> , 2015 , 40, 9359-9364	6.7	21
32	Strontium doped injectable bone cement for potential drug delivery applications. <i>Materials Science and Engineering C</i> , 2017 , 80, 93-101	8.3	20
31	Continuous microwave flow synthesis and characterization of nanosized tin oxide. <i>Materials Letters</i> , 2015 , 160, 146-149	3.3	19
30	Surface modification of yttria stabilized zirconia via polydopamine inspired coating for hydroxyapatite biomineralization. <i>Applied Surface Science</i> , 2014 , 322, 169-176	6.7	19
29	Barium and Fluorine Doped Synthetic Hydroxyapatite: Characterization and In-Vitro Bioactivity Analysis. <i>Science of Advanced Materials</i> , 2015 , 7, 249-257	2.3	17
28	Synthesis, characterization and optical properties of chromium doped β-tricalcium phosphate. <i>Ceramics International</i> , 2015 , 41, 1663-1669	5.1	16
27	Quinone-rich polydopamine functionalization of yttria stabilized zirconia for apatite biomineralization: The effects of coating temperature. <i>Applied Surface Science</i> , 2015 , 346, 317-328	6.7	13
26	Continuous microwave flow synthesis (CMFS) of nanosized titania: Structural, optical and photocatalytic properties. <i>Materials Letters</i> , 2015 , 158, 95-98	3.3	12
25	Microwave assisted synthesis and characterization of magnesium substituted calcium phosphate bioceramics. <i>Materials Science and Engineering C</i> , 2015 , 56, 286-93	8.3	12
24	Nanohydrogels: History, Development, and Applications in Drug Delivery 2017 , 297-330		9
23	The Fabrication and Characterization of PCL/Rice Husk Derived Bioactive Glass-Ceramic Composite Scaffolds. <i>Journal of Nanomaterials</i> , 2014 , 2014, 1-9	3.2	9
22	Injectable dicalcium phosphate bone cement prepared from biphasic calcium phosphate extracted from lamb bone. <i>Materials Science and Engineering C</i> , 2019 , 103, 109863	8.3	8
21	Synthesis, characterization and in vitro study of magnetic biphasic calcium sulfate-bioactive glass. <i>Materials Science and Engineering C</i> , 2015 , 53, 29-35	8.3	8
20	Highly effective visible light-activated cobalt-doped TiO ₂ nanoparticles for antibacterial coatings against <i>Campylobacter jejuni</i> . <i>Applied Nanoscience (Switzerland)</i> , 2020 , 10, 1005-1012	3.3	7
19	Enhanced antibacterial activity of size-controlled silver and polyethylene glycol functionalized silver nanoparticles. <i>Chemical Papers</i> , 2021 , 75, 743-752	1.9	5
18	Mixed Metal Oxide Composites Synthesis and Energy Storage Related Applications. <i>Current Nanomaterials</i> , 2018 , 3, 18-25	1.3	5
17	Mesoporous silica prepared via a green route: a comparative study for the removal of crystal violet from wastewater. <i>Materials Research Express</i> , 2021 , 8, 015005	1.7	4

16	Continuous facile synthesis of nano-sized zinc oxide and its optical properties. <i>Materials Research Express</i> , 2018 , 5, 075901	1.7	3
15	Effect of reactant concentration on the physicochemical properties of nanosized titania synthesized by microwave-assisted continuous flow method. <i>Journal of Materials Science: Materials in Electronics</i> , 2017 , 28, 10449-10456	2.1	2
14	Study of the effect of microwave holding time on the physicochemical properties of titanium oxide. <i>Materials Research Express</i> , 2019 , 6, 085041	1.7	2
13	Effect of homogeneous acidic catalyst on mechanical strength of trishydrazone hydrogels: Characterization and optimization studies. <i>Arabian Journal of Chemistry</i> , 2018 , 11, 635-644	5.9	2
12	Porous clinoptilolite-nano biphasic calcium phosphate scaffolds loaded with human dental pulp stem cells for load bearing orthopedic applications. <i>Biomedical Materials (Bristol)</i> , 2019 , 14, 055010	3.5	2
11	Copper vanadate nanowires-based MIS capacitors: synthesis, characterization, and their electrical charge storage applications. <i>Journal of Nanoparticle Research</i> , 2013 , 15, 1	2.3	2
10	Microwave Augmented Fabrication and Evaluation of CNT-Reinforced Nanohydroxyapatite. <i>Advanced Materials Research</i> , 2011 , 326, 110-120	0.5	2
9	Synthesis and Characterization of rGO/Ag ₂ O Nanocomposite and its Use for Catalytic Reduction of 4-Nitrophenol and Photocatalytic Activity. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2021 , 31, 100-111	3.2	2
8	LIBS analysis of hydroxyapatite extracted from bovine bone for Ca/P ratio measurements 2017 ,		1
7	Evaluation of structural, electrical and magnetic properties of nanosized unary, binary and ternary particles of Fe ₃ O ₄ , SnO ₂ and TiO ₂ . <i>Chemical Papers</i> , 2021 , 75, 2625-2638	1.9	1
6	Structural and Thermal Stability of Microwave Synthesized Nano-Hydroxyapatite 365-372		1
5	In vitro sustained release of gallic acid from the size-controlled PEGylated magnetite nanoparticles. <i>Chemical Papers</i> , 2021 , 75, 5339-5352	1.9	0
4	Antibacterial Properties of Bioactive Glasses 2017 , 357-382		
3	IN VITRO THROMBIN DOSE RESPONSE ON MADIN DARBY CANINE KIDNEY CELL MONOLAYER. <i>Nano</i> , 2011 , 06, 333-336	1.1	
2	Nanostructured Materials for the Realization of Electrochemical Energy Storage and Conversion Devices. <i>Advances in Chemical and Materials Engineering Book Series</i> , 2014 , 376-413	0.2	
1	Effect of pH on the morphology of magnetite nanoparticles for adsorption of Cr(VI) ions from aqueous medium. <i>Journal of Dispersion Science and Technology</i> , 1-8	1.5	