Ramin Rohanizadeh

List of Publications by Year
in descending order

52 papers	2,775 citations	257101 24 h-index	197535 49 g-index
52 all docs	52 docs citations	52 times ranked	5005 citing authors

#	Article	IF	Citations
1	In situ functionalizing calcium phosphate biomaterials with curcumin for the prevention of bacterial biofilm infections. Colloids and Surfaces B: Biointerfaces, 2021, 206, 111938.	2.5	4
2	Bisphosphonate-functionalized micelles for targeted delivery of curcumin to metastatic bone cancer. Pharmaceutical Development and Technology, 2020, 25, 1118-1126.	1.1	19
3	Functionalizing the surface of hydroxyapatite drug carrier with carboxylic acid groups to modulate the loading and release of curcumin nanoparticles. Materials Science and Engineering C, 2019, 99, 929-939.	3.8	44
4	The Development and Achievement of Polymeric Nanoparticles for Cancer Drug Treatment. , 2017, , 25-82.		1
5	The achievement of ligand-functionalized organic/polymeric nanoparticles for treating multidrug resistant cancer. Expert Opinion on Drug Delivery, 2017, 14, 937-957.	2.4	21
6	Therapeutic actions of curcumin in bone disorders. BoneKEy Reports, 2016, 5, 793.	2.7	36
7	Synthesis and Characterization of Inhalable Flavonoid Nanoparticle for Lung Cancer Cell Targeting. Journal of Biomedical Nanotechnology, 2016, 12, 371-386.	0.5	38
8	Combination of Silver Nanoparticles and Curcumin Nanoparticles for Enhanced Anti-biofilm Activities. Journal of Agricultural and Food Chemistry, 2016, 64, 2513-2522.	2.4	148
9	Curcumin Nanoparticles Attenuate Production of Pro-inflammatory Markers in Lipopolysaccharide-Induced Macrophages. Pharmaceutical Research, 2016, 33, 315-327.	1.7	16
10	Molecular Mechanisms of Anti-metastatic Activity of Curcumin. Anticancer Research, 2016, 36, 5639-5648.	0.5	67
11	Implications and emerging control strategies for ventilator-associated infections. Expert Review of Anti-Infective Therapy, 2015, 13, 379-393.	2.0	13
12	Fabrication of Curcumin Micellar Nanoparticles with Enhanced Anti-Cancer Activity. Journal of Biomedical Nanotechnology, 2015, 11, 1093-1105.	0.5	62
13	Osteoblast response to the surface of amino acidâ€functionalized hydroxyapatite. Journal of Biomedical Materials Research - Part A, 2015, 103, 2150-2160.	2.1	22
14	Investigation into physicalâ€“chemical variables affecting the manufacture and dissolution of wet-milled clarithromycin nanoparticles. Pharmaceutical Development and Technology, 2014, 19, 911-921.	1.1	7
15	Non-cytotoxic silver nanoparticle-polyvinyl alcohol hydrogels with anti-biofilm activity: designed as coatings for endotracheal tube materials. Biofouling, 2014, 30, 773-788.	0.8	41
16	A review of chemical surface modification of bioceramics: Effects on protein adsorption and cellular response. Colloids and Surfaces B: Biointerfaces, 2014, 122, 823-834.	2.5	104
17	Curcumin as a wound healing agent. Life Sciences, 2014, 116, 1-7.	2.0	447
18	Recent advances in curcumin nanoformulation for cancer therapy. Expert Opinion on Drug Delivery, 2014, 11, 1183-1201.	2.4	186

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19	Silver nanoparticles enhancePseudomonas aeruginosaPAO1 biofilm detachment. Drug Development and Industrial Pharmacy, 2014, 40, 719-729.	0.9	43
20	Laponite clay as a carrier for in situ delivery of tetracycline. RSC Advances, 2013, 3, 20193.	1.7	85
21	A novel approach to enhance protein adsorption and cell proliferation on hydroxyapatite: citric acid treatment. RSC Advances, 2013, 3, 4040.	1.7	37
22	High protein adsorptive capacity of amino acidâ€functionalized hydroxyapatite. Journal of Biomedical Materials Research - Part A, 2013, 101A, 873-883.	2.1	33
23	Curcumin and its Derivatives: Their Application in Neuropharmacology and Neuroscience in the 21st Century. Current Neuropharmacology, 2013, 11, 338-378.	1.4	422
24	Modulating protein adsorption onto hydroxyapatite particles using different amino acid treatments. Journal of the Royal Society Interface, 2012, 9, 918-927.	1.5	77
25	Hydroxyapatite nanoparticles as vectors for gene delivery. Therapeutic Delivery, 2012, 3, 623-632.	1.2	48
26	Bone bonding abilityâ€"how to measure it?. RSC Advances, 2012, 2, 9214.	1.7	9
27	Adhesion of a chemically deposited monetite coating to a Ti substrate. Surface and Coatings Technology, 2012, 206, 4433-4438.	2.2	14
28	Synthesis and characterization of hydroxyapatite with different crystallinity: Effects on protein adsorption and release. Journal of Biomedical Materials Research - Part A, 2012, 100A, 1539-1549.	2.1	57
29	Superhydrophobic, nanotextured polyvinyl chloride films for delaying Pseudomonas aeruginosa attachment to intubation tubes and medical plastics. Acta Biomaterialia, 2012, 8, 1881-1890.	4.1	74
30	Hydroxyapatite as a Carrier for Bone Morphogenetic Protein. Journal of Oral Implantology, 2011, 37, 659-672.	0.4	38
31	Characterization of the chemically deposited hydroxyapatite coating on a titanium substrate. Journal of Materials Science: Materials in Medicine, 2011, 22, 1-9.	1.7	27
32	Mechanical stability of twoâ€step chemically deposited hydroxyapatite coating on Ti substrate: Effects of various surface pretreatments. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2011, 99B, 58-69.	1.6	22
33	Thin film composites of nanocrystalline ZrO2 and diamond-like carbon: Synthesis, structural properties and bone cell proliferation. Acta Biomaterialia, 2010, 6, 4154-4160.	4.1	12
34	Heat denatured/aggregated albumin-based biomaterial: effects of preparation parameters on biodegradability and mechanical properties. Journal of Materials Science: Materials in Medicine, 2009, 20, 2413-2418.	1.7	17
35	Novel Method of Hydroxyapatite Coating on Titanium Using Chemical Deposition. Key Engineering Materials, 2008, 361-363, 617-620.	0.4	1
36	Gelatin sponges (Gelfoam Â®) as a scaffold for osteoblasts. Journal of Materials Science: Materials in Medicine, 2008, 19, 1173-1182.	1.7	115

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37	Ultrastructural observations and growth of occluding crystals in carious dentine. Acta Biomaterialia, 2008, 4, 1427-1439.	4.1	22
38	Ultrastructure of dentine carious lesions. Archives of Oral Biology, 2008, 53, 124-132.	0.8	60
39	Mineral phase in linguloid brachiopod shell: Lingula adamsi. Lethaia, 2007, 40, 61-68.	0.6	8
40	Ultrastructural study of calculusâ€“enamel and calculusâ€“root interfaces. Archives of Oral Biology, 2005, 50, 89-96.	0.8	22
41	Biomimetic Hydroxyapatite Micro-Tube Tissue Scaffold. Key Engineering Materials, 2005, 284-286, 643-646.	0.4	4
42	Titanium Oxide Layers Obtained by Different Methods: Effect on Apatite Deposition. Key Engineering Materials, 2003, 240-242, 449-452.	0.4	3
43	Chemical Modification of Titanium Surface: Effect on Apatite Deposition. Key Engineering Materials, 2003, 240-242, 461-464.	0.4	3
44	Biphasic Calcium Phosphate (BCP) Bioceramics: Preparation and Properties. Key Engineering Materials, 2003, 240-242, 473-476.	0.4	17
45	Novel Calcium Phosphate Fibres from a Biomimetic Process: Manufacture and Cell Attachment. Key Engineering Materials, 2003, 254-256, 343-346.	0.4	0
46	Dental calculus composition following use of essential-oil/ZnCl2 mouthrinse. American Journal of Dentistry, 2003, 16, 155-60.	0.1	4
47	CaCO₃/Ca-P Biphasic Materials Prepared by Microwave Processing of Natural Aragonite and Calcite. Key Engineering Materials, 2001, 192-195, 267-270.	0.4	10
48	Inhibition of Apatite Formation by Vitronectin. Connective Tissue Research, 2000, 41, 101-108.	1.1	10
49	Effects of fibronectin on hydroxyapatite formation. Journal of Inorganic Biochemistry, 1999, 73, 129-136.	1.5	37
50	Electron microscopy study of intrahepatic ultrasmall superparamagnetic iron oxide kinetics in the rat. Relation with magnetic resonance imaging. Biology of the Cell, 1999, 91, 195-208.	0.7	24
51	Osteogenic potentialin vitro of human bone marrow cells cultured on macroporous biphasic calcium phosphate ceramic. Journal of Biomedical Materials Research Part B, 1999, 44, 98-108.	3.0	126
52	Osteogenic potential in vitro of human bone marrow cells cultured on macroporous biphasic calcium phosphate ceramic. , 1999, 44, 98.		18