

# Ramin Rohanizadeh

## List of Publications by Year in descending order

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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	Curcumin as a wound healing agent. <i>Life Sciences</i> , 2014, 116, 1-7.	2.0	447
2	Curcumin and its Derivatives: Their Application in Neuropharmacology and Neuroscience in the 21st Century. <i>Current Neuropharmacology</i> , 2013, 11, 338-378.	1.4	422
3	Recent advances in curcumin nanoformulation for cancer therapy. <i>Expert Opinion on Drug Delivery</i> , 2014, 11, 1183-1201.	2.4	186
4	Combination of Silver Nanoparticles and Curcumin Nanoparticles for Enhanced Anti-biofilm Activities. <i>Journal of Agricultural and Food Chemistry</i> , 2016, 64, 2513-2522.	2.4	148
5	Osteogenic potential in vitro of human bone marrow cells cultured on macroporous biphasic calcium phosphate ceramic. <i>Journal of Biomedical Materials Research Part B</i> , 1999, 44, 98-108.	3.0	126
6	Gelatin sponges (Gelfoam <sup>®</sup> ) as a scaffold for osteoblasts. <i>Journal of Materials Science: Materials in Medicine</i> , 2008, 19, 1173-1182.	1.7	115
7	A review of chemical surface modification of bioceramics: Effects on protein adsorption and cellular response. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014, 122, 823-834.	2.5	104
8	Laponite clay as a carrier for in situ delivery of tetracycline. <i>RSC Advances</i> , 2013, 3, 20193.	1.7	85
9	Modulating protein adsorption onto hydroxyapatite particles using different amino acid treatments. <i>Journal of the Royal Society Interface</i> , 2012, 9, 918-927.	1.5	77
10	Superhydrophobic, nanotextured polyvinyl chloride films for delaying <i>Pseudomonas aeruginosa</i> attachment to intubation tubes and medical plastics. <i>Acta Biomaterialia</i> , 2012, 8, 1881-1890.	4.1	74
11	Molecular Mechanisms of Anti-metastatic Activity of Curcumin. <i>Anticancer Research</i> , 2016, 36, 5639-5648.	0.5	67
12	Fabrication of Curcumin Micellar Nanoparticles with Enhanced Anti-Cancer Activity. <i>Journal of Biomedical Nanotechnology</i> , 2015, 11, 1093-1105.	0.5	62
13	Ultrastructure of dentine carious lesions. <i>Archives of Oral Biology</i> , 2008, 53, 124-132.	0.8	60
14	Synthesis and characterization of hydroxyapatite with different crystallinity: Effects on protein adsorption and release. <i>Journal of Biomedical Materials Research - Part A</i> , 2012, 100A, 1539-1549.	2.1	57
15	Hydroxyapatite nanoparticles as vectors for gene delivery. <i>Therapeutic Delivery</i> , 2012, 3, 623-632.	1.2	48
16	Functionalizing the surface of hydroxyapatite drug carrier with carboxylic acid groups to modulate the loading and release of curcumin nanoparticles. <i>Materials Science and Engineering C</i> , 2019, 99, 929-939.	3.8	44
17	Silver nanoparticles enhance <i>Pseudomonas aeruginosa</i> PAO1 biofilm detachment. <i>Drug Development and Industrial Pharmacy</i> , 2014, 40, 719-729.	0.9	43
18	Non-cytotoxic silver nanoparticle-polyvinyl alcohol hydrogels with anti-biofilm activity: designed as coatings for endotracheal tube materials. <i>Biofouling</i> , 2014, 30, 773-788.	0.8	41

#	ARTICLE	IF	CITATIONS
19	Hydroxyapatite as a Carrier for Bone Morphogenetic Protein. <i>Journal of Oral Implantology</i> , 2011, 37, 659-672.	0.4	38
20	Synthesis and Characterization of Inhalable Flavonoid Nanoparticle for Lung Cancer Cell Targeting. <i>Journal of Biomedical Nanotechnology</i> , 2016, 12, 371-386.	0.5	38
21	Effects of fibronectin on hydroxyapatite formation. <i>Journal of Inorganic Biochemistry</i> , 1999, 73, 129-136.	1.5	37
22	A novel approach to enhance protein adsorption and cell proliferation on hydroxyapatite: citric acid treatment. <i>RSC Advances</i> , 2013, 3, 4040.	1.7	37
23	Therapeutic actions of curcumin in bone disorders. <i>BoneKEy Reports</i> , 2016, 5, 793.	2.7	36
24	High protein adsorptive capacity of amino acid- $\epsilon$ -functionalized hydroxyapatite. <i>Journal of Biomedical Materials Research - Part A</i> , 2013, 101A, 873-883.	2.1	33
25	Characterization of the chemically deposited hydroxyapatite coating on a titanium substrate. <i>Journal of Materials Science: Materials in Medicine</i> , 2011, 22, 1-9.	1.7	27
26	Electron microscopy study of intrahepatic ultrasmall superparamagnetic iron oxide kinetics in the rat. Relation with magnetic resonance imaging. <i>Biology of the Cell</i> , 1999, 91, 195-208.	0.7	24
27	Ultrastructural study of calculus- $\epsilon$ enamel and calculus- $\epsilon$ root interfaces. <i>Archives of Oral Biology</i> , 2005, 50, 89-96.	0.8	22
28	Ultrastructural observations and growth of occluding crystals in carious dentine. <i>Acta Biomaterialia</i> , 2008, 4, 1427-1439.	4.1	22
29	Mechanical stability of two- $\epsilon$ step chemically deposited hydroxyapatite coating on Ti substrate: Effects of various surface pretreatments. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2011, 99B, 58-69.	1.6	22
30	Osteoblast response to the surface of amino acid- $\epsilon$ -functionalized hydroxyapatite. <i>Journal of Biomedical Materials Research - Part A</i> , 2015, 103, 2150-2160.	2.1	22
31	The achievement of ligand-functionalized organic/polymeric nanoparticles for treating multidrug resistant cancer. <i>Expert Opinion on Drug Delivery</i> , 2017, 14, 937-957.	2.4	21
32	Bisphosphonate-functionalized micelles for targeted delivery of curcumin to metastatic bone cancer. <i>Pharmaceutical Development and Technology</i> , 2020, 25, 1118-1126.	1.1	19
33	Osteogenic potential in vitro of human bone marrow cells cultured on macroporous biphasic calcium phosphate ceramic. , 1999, 44, 98.		18
34	Biphasic Calcium Phosphate (BCP) Bioceramics: Preparation and Properties. <i>Key Engineering Materials</i> , 2003, 240-242, 473-476.	0.4	17
35	Heat denatured/aggregated albumin-based biomaterial: effects of preparation parameters on biodegradability and mechanical properties. <i>Journal of Materials Science: Materials in Medicine</i> , 2009, 20, 2413-2418.	1.7	17
36	Curcumin Nanoparticles Attenuate Production of Pro-inflammatory Markers in Lipopolysaccharide-Induced Macrophages. <i>Pharmaceutical Research</i> , 2016, 33, 315-327.	1.7	16

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37	Adhesion of a chemically deposited monetite coating to a Ti substrate. <i>Surface and Coatings Technology</i> , 2012, 206, 4433-4438.	2.2	14
38	Implications and emerging control strategies for ventilator-associated infections. <i>Expert Review of Anti-Infective Therapy</i> , 2015, 13, 379-393.	2.0	13
39	Thin film composites of nanocrystalline ZrO <sub>2</sub> and diamond-like carbon: Synthesis, structural properties and bone cell proliferation. <i>Acta Biomaterialia</i> , 2010, 6, 4154-4160.	4.1	12
40	Inhibition of Apatite Formation by Vitronectin. <i>Connective Tissue Research</i> , 2000, 41, 101-108.	1.1	10
41	CaCO <sub>3</sub> /Ca-P Biphasic Materials Prepared by Microwave Processing of Natural Aragonite and Calcite. <i>Key Engineering Materials</i> , 2001, 192-195, 267-270.	0.4	10
42	Bone bonding ability—how to measure it?. <i>RSC Advances</i> , 2012, 2, 9214.	1.7	9
43	Mineral phase in linguloid brachiopod shell: <i>Lingula adamsi</i> . <i>Lethaia</i> , 2007, 40, 61-68.	0.6	8
44	Investigation into physical—chemical variables affecting the manufacture and dissolution of wet-milled clarithromycin nanoparticles. <i>Pharmaceutical Development and Technology</i> , 2014, 19, 911-921.	1.1	7
45	Biomimetic Hydroxyapatite Micro-Tube Tissue Scaffold. <i>Key Engineering Materials</i> , 2005, 284-286, 643-646.	0.4	4
46	In situ functionalizing calcium phosphate biomaterials with curcumin for the prevention of bacterial biofilm infections. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021, 206, 111938.	2.5	4
47	Dental calculus composition following use of essential-oil/ZnCl <sub>2</sub> mouthrinse. <i>American Journal of Dentistry</i> , 2003, 16, 155-60.	0.1	4
48	Titanium Oxide Layers Obtained by Different Methods: Effect on Apatite Deposition. <i>Key Engineering Materials</i> , 2003, 240-242, 449-452.	0.4	3
49	Chemical Modification of Titanium Surface: Effect on Apatite Deposition. <i>Key Engineering Materials</i> , 2003, 240-242, 461-464.	0.4	3
50	Novel Method of Hydroxyapatite Coating on Titanium Using Chemical Deposition. <i>Key Engineering Materials</i> , 2008, 361-363, 617-620.	0.4	1
51	The Development and Achievement of Polymeric Nanoparticles for Cancer Drug Treatment. , 2017, , 25-82.		1
52	Novel Calcium Phosphate Fibres from a Biomimetic Process: Manufacture and Cell Attachment. <i>Key Engineering Materials</i> , 2003, 254-256, 343-346.	0.4	0