

Maria H Fernandes

List of Publications by Year in descending order

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Version: 2024-02-01

259
papers

7,831
citations

53939

47
h-index

97045

71
g-index

277
all docs

277
docs citations

277
times ranked

11780
citing authors

#	ARTICLE	IF	CITATIONS
1	Microgap and bacterial microleakage during the osseointegration period: An in vitro assessment of the cover screw and healing abutment in a platform-switched implant system. <i>Journal of Prosthetic Dentistry</i> , 2023, 130, 87-95.	1.1	9
2	A new ex vivo model of the bone tissue response to the hyperglycemic environment – The embryonic chicken femur organotypic culture in high glucose conditions. <i>Bone</i> , 2022, 158, 116355.	1.4	7
3	Optimized consolidation process at a near-room temperature of nano-hydroxyapatite and sodium silicate glass composites for bone healing applications. <i>Materials Technology</i> , 2022, 37, 2623-2636.	1.5	2
4	Bone Cell Exosomes and Emerging Strategies in Bone Engineering. <i>Biomedicines</i> , 2022, 10, 767.	1.4	11
5	Fabrication of a biodegradable and cytocompatible magnesium/nanohydroxyapatite/fluorapatite composite by upward friction stir processing for biomedical applications. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2022, 129, 105137.	1.5	18
6	Investigating Potential Effects of Ultra-Short Laser-Textured Porous Poly- μ -Caprolactone Scaffolds on Bacterial Adhesion and Bone Cell Metabolism. <i>Polymers</i> , 2022, 14, 2382.	2.0	7
7	Simulating In Vitro the Bone Healing Potential of a Degradable and Tailored Multifunctional Mg-Based Alloy Platform. <i>Bioengineering</i> , 2022, 9, 255.	1.6	3
8	Enhanced antibacterial activity of Rosehip extract-functionalized Mg(OH) ₂ nanoparticles: An in vitro and in vivo study. <i>Colloids and Surfaces B: Biointerfaces</i> , 2022, 217, 112643.	2.5	6
9	Bonding antimicrobial rhamnolipids onto medical grade PDMS: A strategy to overcome multispecies vascular catheter-related infections. <i>Colloids and Surfaces B: Biointerfaces</i> , 2022, 217, 112679.	2.5	7
10	Photobiomodulation alters the viability of HUVECs cells. <i>Lasers in Medical Science</i> , 2021, 36, 83-90.	1.0	10
11	Effects of 660 nm and 780 nm Laser Therapy on ST88-4 Schwann Cells. <i>Photochemistry and Photobiology</i> , 2021, 97, 198-204.	1.3	6
12	Porous tantalum oxide with osteoconductive elements and antibacterial core-shell nanoparticles: A new generation of materials for dental implants. <i>Materials Science and Engineering C</i> , 2021, 120, 111761.	3.8	29
13	3D-printed platform multi-loaded with bioactive, magnetic nanoparticles and an antibiotic for re-growing bone tissue. <i>International Journal of Pharmaceutics</i> , 2021, 593, 120097.	2.6	19
14	Exploring the potential of chitosan-based particles as delivery-carriers for promising antimicrobial glycolipid biosurfactants. <i>Carbohydrate Polymers</i> , 2021, 254, 117433.	5.1	17
15	Biological Assessment of Bioceramics: In Vitro and In Vivo Tests. , 2021, , 798-816.		0
16	Pharmacogenetic and Pharmacokinetic Assays from Saliva Samples Can Guarantee Personalized Drug Prescription. <i>Brazilian Dental Journal</i> , 2021, 32, 3-8.	0.5	6
17	Three-dimensional nano-hydroxyapatite sodium silicate glass composite scaffold for bone tissue engineering - A new fabrication process at a near-room temperature. <i>Materials Chemistry and Physics</i> , 2021, 260, 124185.	2.0	12
18	Temporal oral microbiome changes with brushing in children with cleft lip and palate. <i>Heliyon</i> , 2021, 7, e06513.	1.4	7

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19	Parental Risk Factors and Child Birth Data in a Matched Year and Sex Group Cleft Population: A Case-Control Study. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 4615.	1.2	5
20	The Embryonic Chick Femur Organotypic Model as a Tool to Analyze the Angiotensin II Axis on Bone Tissue. <i>Pharmaceuticals</i> , 2021, 14, 469.	1.7	5
21	Bioactive and biopassive treatment of poly(ethylene terephthalate) multifilament textile yarns to improve/prevent fibroblast viability. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2021, 109, 2213-2226.	1.6	5
22	Regenerative Strategies in Cleft Palate: An Umbrella Review. <i>Bioengineering</i> , 2021, 8, 76.	1.6	7
23	Rosehip Extract-Functionalized Magnesium Hydroxide Nanoparticles and Its Effect on Osteoblastic and Osteoclastic Cells. <i>Materials</i> , 2021, 14, 4172.	1.3	6
24	Microgap and microleakage of a hybrid connection platform-switched implant system in the absence or presence of a silicone-based sealing agent. <i>Odontology / the Society of the Nippon Dental University</i> , 2021, , 1.	0.9	0
25	The Osteogenic Assessment of Mineral Trioxide Aggregate-based Endodontic Sealers in an Organotypic Ex Vivo Bone Development Model. <i>Journal of Endodontics</i> , 2021, 47, 1461-1466.	1.4	4
26	Influence of a macroporous β -TCP structure on human mesenchymal stem cell proliferation and differentiation in vitro. <i>Open Ceramics</i> , 2021, 7, 100141.	1.0	4
27	45S5 Bioglass-Derived Glass-Ceramic Scaffolds Containing Niobium Obtained by Gelcasting Method. <i>Materials Research</i> , 2021, 24, .	0.6	4
28	From Blood to Bone—the Osteogenic Activity of L-PRF Membranes on the Ex Vivo Embryonic Chick Femur Development Model. <i>Materials</i> , 2021, 14, 7830.	1.3	4
29	Green-Synthesized Magnesium Hydroxide Nanoparticles Induced Osteoblastic Differentiation in Bone Co-Cultured Cells. <i>Pharmaceuticals</i> , 2021, 14, 1281.	1.7	4
30	A Comparative Study of Oral Health-Related Quality of Life among Cleft Lip and Palate Patients and Their Families during Orthodontic Treatment. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 12826.	1.2	5
31	Femtosecond laser microstructuring of alumina toughened zirconia for surface functionalization of dental implants. <i>Ceramics International</i> , 2020, 46, 1383-1389.	2.3	52
32	Glutaraldehyde-crosslinking chitosan scaffolds reinforced with calcium phosphate spray-dried granules for bone tissue applications. <i>Materials Science and Engineering C</i> , 2020, 109, 110557.	3.8	53
33	Encapsulated bacteriophages in alginate-nanohydroxyapatite hydrogel as a novel delivery system to prevent orthopedic implant-associated infections. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2020, 24, 102145.	1.7	44
34	Doxycycline restores the impaired osteogenic commitment of diabetic-derived bone marrow mesenchymal stromal cells by increasing the canonical WNT signaling. <i>Molecular and Cellular Endocrinology</i> , 2020, 518, 110975.	1.6	7
35	Genotoxicity of root canal sealers: a literature review. <i>Clinical Oral Investigations</i> , 2020, 24, 3347-3362.	1.4	9
36	Efficacy and Cytotoxicity of Binary Mixtures as Root Canal Filling Solvents. <i>Materials</i> , 2020, 13, 3237.	1.3	7

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37	Citrate zinc hydroxyapatite nanorods with enhanced cytocompatibility and osteogenesis for bone regeneration. <i>Materials Science and Engineering C</i> , 2020, 115, 111147.	3.8	35
38	Surface functionalization of polypropylene (PP) by chitosan immobilization to enhance human fibroblasts viability. <i>Polymer Testing</i> , 2020, 86, 106507.	2.3	10
39	Alendronic Acid as Ionic Liquid: New Perspective on Osteosarcoma. <i>Pharmaceutics</i> , 2020, 12, 293.	2.0	19
40	Platelet-Rich Fibrin in Bone Regenerative Strategies in Orthodontics: A Systematic Review. <i>Materials</i> , 2020, 13, 1866.	1.3	19
41	Alginate-nanohydroxyapatite hydrogel system: Optimizing the formulation for enhanced bone regeneration. <i>Materials Science and Engineering C</i> , 2019, 105, 109985.	3.8	53
42	Nano-hydroxyapatite in oral care cosmetics: characterization and cytotoxicity assessment. <i>Scientific Reports</i> , 2019, 9, 11050.	1.6	86
43	The two faces of titanium dioxide nanoparticles bio-camouflage in 3D bone spheroids. <i>Scientific Reports</i> , 2019, 9, 9309.	1.6	33
44	A Novel Approach for Bisphosphonates: Ionic Liquids and Organic Salts from Zoledronic Acid. <i>ChemMedChem</i> , 2019, 14, 1767-1770.	1.6	19
45	Inhibitory Effect of 5-Aminoimidazole-4-Carbohydrazonamides Derivatives Against <i>Candida</i> spp. Biofilm on Nanohydroxyapatite Substrate. <i>Mycopathologia</i> , 2019, 184, 775-786.	1.3	7
46	Understanding intracellular trafficking and anti-inflammatory effects of minocycline chitosan-nanoparticles in human gingival fibroblasts for periodontal disease treatment. <i>International Journal of Pharmaceutics</i> , 2019, 572, 118821.	2.6	37
47	Are there any solutions for improving the cleft area hygiene in patients with cleft lip and palate? A systematic review. <i>International Journal of Dental Hygiene</i> , 2019, 17, 130-141.	0.8	16
48	NMR metabolomics to study the metabolic response of human osteoblasts to non-poled and poled poly (L-lactic) acid. <i>Magnetic Resonance in Chemistry</i> , 2019, 57, 919-933.	1.1	6
49	Exposure effects of endotoxin-free titanium-based wear particles to human osteoblasts. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2019, 95, 143-152.	1.5	15
50	Engineering a multifunctional 3D-printed PLA-collagen-minocycline-nanoHydroxyapatite scaffold with combined antimicrobial and osteogenic effects for bone regeneration. <i>Materials Science and Engineering C</i> , 2019, 101, 15-26.	3.8	127
51	Effect of low power laser in biomodulation of cultured osteoblastic cells of Wistar rats. <i>Acta Cirurgica Brasileira</i> , 2019, 34, e201900210.	0.3	12
52	Influence of apple phytochemicals in ZnO nanoparticles formation, photoluminescence and biocompatibility for biomedical applications. <i>Materials Science and Engineering C</i> , 2019, 101, 76-87.	3.8	34
53	Antiproliferative Organic Salts Derived from Betulinic Acid: Disclosure of an Ionic Liquid Selective Against Lung and Liver Cancer Cells. <i>ACS Omega</i> , 2019, 4, 5682-5689.	1.6	18
54	Differential effects of antiepileptic drugs on human bone cells. <i>Journal of Cellular Physiology</i> , 2019, 234, 19691-19701.	2.0	16

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55	Influence of PLLA/PCL/HA Scaffold Fiber Orientation on Mechanical Properties and Osteoblast Behavior. <i>Materials</i> , 2019, 12, 3879.	1.3	20
56	Photobiomodulation is associated with a decrease in cell viability and migration in oral squamous cell carcinoma. <i>Lasers in Medical Science</i> , 2019, 34, 629-636.	1.0	26
57	Bisphosphonates and Cancer: A Relationship Beyond the Antiresorptive Effects. <i>Mini-Reviews in Medicinal Chemistry</i> , 2019, 19, 988-998.	1.1	10
58	Molecular and Cellular Aspects of Socket Healing in the Absence and Presence of Graft Materials and Autologous Platelet Concentrates: a Focused Review. <i>Journal of Oral & Maxillofacial Research</i> , 2019, 10, e2.	0.3	26
59	The 2nd Baltic Osseointegration Academy and Lithuanian University of Health Sciences Consensus Conference 2019. Summary and Consensus Statements: Group I - Biological Aspects of Tooth Extraction, Socket Healing and Indications for Socket Preservation. <i>Journal of Oral & Maxillofacial Research</i> , 2019, 10, e4.	0.3	4
60	Silk fibroin/nanohydroxyapatite hydrogels for promoted bioactivity and osteoblastic proliferation and differentiation of human bone marrow stromal cells. <i>Materials Science and Engineering C</i> , 2018, 89, 336-345.	3.8	24
61	Highly porous 45S5 bioglass-derived glass-ceramic scaffolds by gelcasting of foams. <i>Journal of Materials Science</i> , 2018, 53, 10718-10731.	1.7	14
62	Micropatterned Silica Films with Nanohydroxyapatite for Y-TZP Implants. <i>Journal of Dental Research</i> , 2018, 97, 1003-1009.	2.5	4
63	Potential anti-cancer and anti-Candida activity of Zn-derived foams. <i>Journal of Materials Chemistry B</i> , 2018, 6, 2821-2830.	2.9	5
64	Modulation of human osteoclastogenesis and osteoblastogenesis by lycopene. <i>Journal of Nutritional Biochemistry</i> , 2018, 57, 26-34.	1.9	32
65	Complex osteoclastogenic inductive effects of nicotine over hydroxyapatite. <i>Journal of Cellular Physiology</i> , 2018, 233, 1029-1040.	2.0	16
66	Supercritical CO ₂ assisted process for the production of high-purity and sterile nano-hydroxyapatite/chitosan hybrid scaffolds. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2018, 106, 965-975.	1.6	15
67	Femtosecond laser microstructured Alumina toughened Zirconia: A new strategy to improve osteogenic differentiation of hMSCs. <i>Applied Surface Science</i> , 2018, 435, 1237-1245.	3.1	47
68	Oral hygiene of children with cleft lip and palate: Efficacy of the cleft toothbrush – A designed addition to regular toothbrushes. <i>International Journal of Paediatric Dentistry</i> , 2018, 29, 213.	1.0	6
69	SPINA classification of cleft lip and palate: A suggestion for a complement. <i>Archives De Pediatrie</i> , 2018, 25, 439-441.	0.4	12
70	In vivo tissue response and antibacterial efficacy of minocycline delivery system based on polymethylmethacrylate bone cement. <i>Journal of Biomaterials Applications</i> , 2018, 33, 380-391.	1.2	8
71	Femtosecond laser impact on calcium phosphate bioceramics assessed by micro-Raman spectroscopy and osteoblastic behaviour. <i>Journal of the European Ceramic Society</i> , 2018, 38, 5545-5553.	2.8	8
72	Processing, Characterization, and in Vivo Evaluation of Poly(l-lactic acid)-Fish Gelatin Electrospun Membranes for Biomedical Applications. <i>ACS Applied Bio Materials</i> , 2018, 1, 226-236.	2.3	3

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73	New Instrument for Oral Hygiene of Children with Cleft Lip and Palate. Applied Sciences (Switzerland), 2018, 8, 576.	1.3	2
74	Antibacterial effect and biocompatibility of a novel nanostructured ZnO-coated gutta-percha cone for improved endodontic treatment. Materials Science and Engineering C, 2018, 92, 840-848.	3.8	26
75	Vascular biosafety of commercial hydroxyapatite particles: discrepancy between blood compatibility assays and endothelial cell behavior. Journal of Nanobiotechnology, 2018, 16, 27.	4.2	27
76	Cytotoxicity and antimicrobial action of selected phytochemicals against planktonic and sessile <i>Streptococcus mutans</i> . PeerJ, 2018, 6, e4872.	0.9	22
77	Incorporation of glass-reinforced hydroxyapatite microparticles into poly(lactic acid) electrospun fibre mats for biomedical applications. Materials Science and Engineering C, 2017, 75, 1184-1190.	3.8	17
78	Multifunctional PLLA-ceramic fiber membranes for bone regeneration applications. Journal of Colloid and Interface Science, 2017, 504, 101-110.	5.0	40
79	The Anticancer Potential of Ionic Liquids. ChemMedChem, 2017, 12, 11-18.	1.6	85
80	Development of hydroxyapatite nanoparticles loaded with folic acid to induce osteoblastic differentiation. International Journal of Pharmaceutics, 2017, 516, 185-195.	2.6	28
81	Development and characterization of zirconia-alumina composites for orthopedic implants. Ceramics International, 2017, 43, 693-703.	2.3	96
82	Antibacterial silk fibroin/nanohydroxyapatite hydrogels with silver and gold nanoparticles for bone regeneration. Nanomedicine: Nanotechnology, Biology, and Medicine, 2017, 13, 231-239.	1.7	119
83	A minocycline-releasing PMMA system as a space maintainer for staged bone reconstructions: <i>in vitro</i> antibacterial, cytocompatibility and anti-inflammatory characterization. Biomedical Materials (Bristol), 2017, 12, 035009.	1.7	11
84	Bone Anabolic Effects of Soluble Si: <i>In Vitro</i> Studies with Human Mesenchymal Stem Cells and CD14+ Osteoclast Precursors. Stem Cells International, 2016, 2016, 1-12.	1.2	25
85	<i>In vivo</i> assessment of a new multifunctional coating architecture for improved Mg alloy biocompatibility. Biomedical Materials (Bristol), 2016, 11, 045007.	1.7	6
86	Osteoclastogenic differentiation of human precursor cells over micro- and nanostructured hydroxyapatite topography. Biochimica Et Biophysica Acta - General Subjects, 2016, 1860, 825-835.	1.1	23
87	Bonelike® Graft for Regenerative Bone Applications. , 2016, , 409-437.		0
88	PDMS-SiO ₂ -TiO ₂ -CaO hybrid materials: Cytocompatibility and nanoscale surface features. Materials Science and Engineering C, 2016, 64, 74-86.	3.8	10
89	Photomodulation of the osteoclastogenic potential of oral squamous carcinoma cells. Journal of Biophotonics, 2016, 9, 1136-1147.	1.1	7
90	Three-dimensional printed PCL-hydroxyapatite scaffolds filled with CNTs for bone cell growth stimulation. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2016, 104, 1210-1219.	1.6	181

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91	Effect of Sterilization Methods on Electrospun Poly(lactic acid) (PLA) Fiber Alignment for Biomedical Applications. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 3241-3249.	4.0	171
92	Quantification of piroxicam and 5- α -hydroxyproxicam in human plasma and saliva using liquid chromatography-tandem mass spectrometry following oral administration. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016, 120, 212-220.	1.4	21
93	Biodegradation, biocompatibility, and osteoconduction evaluation of collagen-nanohydroxyapatite cryogels for bone tissue regeneration. <i>Journal of Biomedical Materials Research - Part A</i> , 2016, 104, 57-70.	2.1	60
94	Osteoblastic cells colonization inside beta-TCP macroporous structures obtained by ice-templating. <i>Journal of the European Ceramic Society</i> , 2016, 36, 2895-2901.	2.8	29
95	Effects of Line and Pillar Array Microengineered SiO ₂ Thin Films on the Osteogenic Differentiation of Human Bone Marrow-Derived Mesenchymal Stem Cells. <i>Langmuir</i> , 2016, 32, 1091-1100.	1.6	38
96	A biocompatible hybrid material with simultaneous calcium and strontium release capability for bone tissue repair. <i>Materials Science and Engineering C</i> , 2016, 62, 429-438.	3.8	21
97	Testing the variability of PSA expression by different human prostate cancer cell lines by means of a new potentiometric device employing molecularly antibody assembled on graphene surface. <i>Materials Science and Engineering C</i> , 2016, 59, 1069-1078.	3.8	19
98	Osteogenic and Angiogenic Response to Calcium Silicate-based Endodontic Sealers. <i>Journal of Endodontics</i> , 2016, 42, 113-119.	1.4	42
99	Bone Cells Dynamics during Peri-Implantitis: a Theoretical Analysis. <i>Journal of Oral & Maxillofacial Research</i> , 2016, 7, e6.	0.3	20
100	The 1st Baltic Osseointegration Academy and Lithuanian University of Health Sciences Consensus Conference 2016. Summary and Consensus Statements: Group I - Peri-Implantitis Aetiology, Risk Factors and Pathogenesis. <i>Journal of Oral & Maxillofacial Research</i> , 2016, 7, e7.	0.3	3
101	Microanalysis of Bioactive Samarium Doped Glass-Reinforced Hydroxyapatite. <i>Microscopy and Microanalysis</i> , 2015, 21, 31-32.	0.2	3
102	Antitumor Activity of Ionic Liquids Based on Ampicillin. <i>ChemMedChem</i> , 2015, 10, 1480-1483.	1.6	68
103	The Osteogenic Priming of Mesenchymal Stem Cells is Impaired in Experimental Diabetes. <i>Journal of Cellular Biochemistry</i> , 2015, 116, 1658-1667.	1.2	16
104	The Benefit of a Human Bone Marrow Stem Cells Concentrate in addition to an Inorganic Scaffold for Bone Regeneration: An In Vitro Study. <i>BioMed Research International</i> , 2015, 2015, 1-10.	0.9	1
105	Novel cerium doped glass-reinforced hydroxyapatite with antibacterial and osteoconductive properties for bone tissue regeneration. <i>Biomedical Materials (Bristol)</i> , 2015, 10, 055008.	1.7	45
106	Smart electroconductive bioactive ceramics to promote in situ electrostimulation of bone. <i>Journal of Materials Chemistry B</i> , 2015, 3, 1831-1845.	2.9	20
107	Antibacterial activity and biocompatibility of three-dimensional nanostructured porous granules of hydroxyapatite and zinc oxide nanoparticles-an <i>in vitro</i> and <i>in vivo</i> study. <i>Nanotechnology</i> , 2015, 26, 315101.	1.3	55
108	Gold-dotted hydroxyapatite nanoparticles as multifunctional platforms for medical applications. <i>RSC Advances</i> , 2015, 5, 69184-69195.	1.7	27

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109	Diels-Alder functionalized carbon nanotubes for bone tissue engineering: in vitro/in vivo biocompatibility and biodegradability. <i>Nanoscale</i> , 2015, 7, 9238-9251.	2.8	26
110	Anti-sessile bacterial and cytocompatibility properties of CHX-loaded nanohydroxyapatite. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015, 130, 305-314.	2.5	17
111	Development of silk fibroin/nanohydroxyapatite composite hydrogels for bone tissue engineering. <i>European Polymer Journal</i> , 2015, 67, 66-77.	2.6	82
112	Tribocorrosion Behavior of Calcium- and Phosphorous-Enriched Titanium Oxide Films and Study of Osteoblast Interactions for Dental Implants. <i>Journal of Bio- and Tribo-Corrosion</i> , 2015, 1, 1.	1.2	54
113	Biofunctional composite coating architectures based on polycaprolactone and nanohydroxyapatite for controlled corrosion activity and enhanced biocompatibility of magnesium AZ31 alloy. <i>Materials Science and Engineering C</i> , 2015, 48, 434-443.	3.8	57
114	First insight on the impact of an osteoblastic layer on the bio-tribocorrosion performance of Ti6Al4V hip implants. <i>Acta Biomaterialia</i> , 2015, 12, 341-351.	4.1	37
115	HA/TCP scaffolds obtained by sucrose crystal leaching method: Preliminary in vitro Evaluation. <i>Materials Research</i> , 2014, 17, 811-816.	0.6	5
116	Processing strategies for smart electroconductive carbon nanotube-based bioceramic bone grafts. <i>Nanotechnology</i> , 2014, 25, 145602.	1.3	6
117	Bisphosphonates induce the osteogenic gene expression in co-cultured human endothelial and mesenchymal stem cells. <i>Journal of Cellular and Molecular Medicine</i> , 2014, 18, 27-37.	1.6	24
118	Modulation of human dermal microvascular endothelial cell and human gingival fibroblast behavior by micropatterned silica coating surfaces for zirconia dental implant applications. <i>Science and Technology of Advanced Materials</i> , 2014, 15, 025001.	2.8	28
119	Response of Human Osteoblastic and Osteoclastic Cells to AH Plus and Pulp Canal Sealer Containing Quaternary Ammonium Polyethylenimine Nanoparticles. <i>Journal of Endodontics</i> , 2014, 40, 1149-1155.	1.4	18
120	Behaviour of co-cultured human osteoclastic and osteoblastic cells exposed to endodontic sealers' extracts. <i>Clinical Oral Investigations</i> , 2014, 18, 479-488.	1.4	7
121	The biomaterial-mediated healing of critical size bone defects in the ovariectomized rat. <i>Osteoporosis International</i> , 2014, 25, 1535-1545.	1.3	36
122	Samarium doped glass-reinforced hydroxyapatite with enhanced osteoblastic performance and antibacterial properties for bone tissue regeneration. <i>Journal of Materials Chemistry B</i> , 2014, 2, 5872-5881.	2.9	40
123	Sarcosine oxidase composite screen-printed electrode for sarcosine determination in biological samples. <i>Analytica Chimica Acta</i> , 2014, 850, 26-32.	2.6	56
124	Are lithium niobate (LiNbO ₃) and lithium tantalate (LiTaO ₃) ferroelectrics bioactive?. <i>Materials Science and Engineering C</i> , 2014, 39, 395-402.	3.8	39
125	Novel Prostate Specific Antigen plastic antibody designed with charged binding sites for an improved protein binding and its application in a biosensor of potentiometric transduction. <i>Electrochimica Acta</i> , 2014, 132, 142-150.	2.6	51
126	Exploring Bioactive Properties of Marine Cyanobacteria Isolated from the Portuguese Coast: High Potential as a Source of Anticancer Compounds. <i>Marine Drugs</i> , 2014, 12, 98-114.	2.2	57

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127	Multifunctional Carbon Nanotube/Bioceramics Modulate the Directional Growth and Activity of Osteoblastic Cells. <i>Journal of Biomedical Nanotechnology</i> , 2014, 10, 725-743.	0.5	18
128	Complex Effect of Hydroxyapatite Nanoparticles on the Differentiation and Functional Activity of Human Pre-Osteoclastic Cells. <i>Journal of Biomedical Nanotechnology</i> , 2014, 10, 3590-3600.	0.5	14
129	Acrylic formulations containing bioactive and biodegradable fillers to be used as bone cements: Properties and biocompatibility assessment. <i>Materials Science and Engineering C</i> , 2013, 33, 1289-1299.	3.8	21
130	Corrosion resistance of a composite polymeric coating applied on biodegradable AZ31 magnesium alloy. <i>Acta Biomaterialia</i> , 2013, 9, 8660-8670.	4.1	136
131	Properties and osteoblast cytocompatibility of self-curing acrylic cements modified by glass fillers. <i>Journal of Biomaterials Applications</i> , 2013, 28, 498-513.	1.2	8
132	Long-term Dose- and Time-dependent Effects of Endodontic Sealers in Human In Vitro Osteoclastogenesis. <i>Journal of Endodontics</i> , 2013, 39, 833-838.	1.4	19
133	Highly focalised thermotherapy using a ferrimagnetic cement in the treatment of a melanoma mouse model by low temperature hyperthermia. <i>International Journal of Hyperthermia</i> , 2013, 29, 121-132.	1.1	10
134	Preparation and characterization of collagen/nanohydroxyapatite biocomposite scaffolds by cryogelation method for bone tissue engineering applications. <i>Journal of Biomedical Materials Research - Part A</i> , 2013, 101A, 1080-1094.	2.1	113
135	Response of Monocultured and Co-Cultured Human Microvascular Endothelial Cells and Mesenchymal Stem Cells to Macroporous Granules of Nanostructured-Hydroxyapatite Agglomerates. <i>Journal of Biomedical Nanotechnology</i> , 2013, 9, 1594-1606.	0.5	10
136	Biomimetic Mineralization on a Macroporous Cellulose-Based Matrix for Bone Regeneration. <i>BioMed Research International</i> , 2013, 2013, 1-9.	0.9	64
137	Effects of density of anisotropic microstamped silica thin films on guided bone tissue regeneration – In vitro study. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2013, 101B, 762-769.	1.6	16
138	Dose-dependent inhibitory effects of proton pump inhibitors on human osteoclastic and osteoblastic cell activity. <i>FEBS Journal</i> , 2013, 280, 5052-5064.	2.2	72
139	Development and Characterization of Lanthanides Doped Hydroxyapatite Composites for Bone Tissue Application. , 2013, , 87-115.		8
140	Calcium Phosphate Ceramics in Periodontal Regeneration. , 2013, , 116-141.		1
141	Relevance of the sterilization-induced effects on the properties of different hydroxyapatite nanoparticles and assessment of the osteoblastic cell response. <i>Journal of the Royal Society Interface</i> , 2012, 9, 3397-3410.	1.5	38
142	Marine Cyanobacteria Compounds with Anticancer Properties: A Review on the Implication of Apoptosis. <i>Marine Drugs</i> , 2012, 10, 2181-2207.	2.2	116
143	Osteoclastogenic effects of fluoroquinolones on co-cultures of human osteoclast precursors and MG63 osteoblast-like cells. <i>Bone</i> , 2012, 50, S89-S90.	1.4	0
144	Cytotoxicity of marine cyanobacteria extracts on osteosarcoma cells. <i>Bone</i> , 2012, 50, S181-S182.	1.4	1

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145	Induced osteoclastogenesis by fluoroquinolones in unstimulated and stimulated human osteoclast precursor cells. <i>Bone</i> , 2012, 51, 17-27.	1.4	10
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