

# Fernando J Monteiro

## List of Publications by Year in descending order

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138  
papers

5,536  
citations

100601

38  
h-index

116156

66  
g-index

140  
all docs

140  
docs citations

140  
times ranked

8890  
citing authors

#	ARTICLE	IF	CITATIONS
1	Design and surface characterization of micropatterned silica coatings for zirconia dental implants. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2022, 126, 105060.	1.5	8
2	Magnetic mesoporous silica nanoparticles as a theranostic approach for breast cancer: Loading and release of the poorly soluble drug exemestane. <i>International Journal of Pharmaceutics</i> , 2022, 619, 121711.	2.6	14
3	Scaffolds Loaded with Dialdehyde Chitosan and Collagen—Their Physico-Chemical Properties and Biological Assessment. <i>Polymers</i> , 2022, 14, 1818.	2.0	3
4	One sample fits all: a microfluidic-assisted methodology for label-free isolation of CTCs with downstream methylation analysis of cfDNA in lung cancer. <i>Biomaterials Science</i> , 2022, 10, 3296-3308.	2.6	2
5	Combining local antibiotic delivery with heparinized nanohydroxyapatite/collagen bone substitute: A novel strategy for osteomyelitis treatment. <i>Materials Science and Engineering C</i> , 2021, 119, 111329.	3.8	25
6	Can Traditional Chinese Medicine Diagnosis Be Parameterized and Standardized? A Narrative Review. <i>Healthcare (Switzerland)</i> , 2021, 9, 177.	1.0	23
7	Biomaterials with Potential Use in Bone Tissue Regeneration—Collagen/Chitosan/Silk Fibroin Scaffolds Cross-Linked by EDC/NHS. <i>Materials</i> , 2021, 14, 1105.	1.3	34
8	Understanding Traditional Chinese Medicine Therapeutics: An Overview of the Basics and Clinical Applications. <i>Healthcare (Switzerland)</i> , 2021, 9, 257.	1.0	52
9	Can the electrical potential of acupoints be used to assess the functional state of meridians and the effects of therapeutics? An exploratory data analysis. <i>Journal of Bodywork and Movement Therapies</i> , 2021, 26, 309-317.	0.5	6
10	Emerging Lab-on-a-Chip Approaches for Liquid Biopsy in Lung Cancer: Status in CTCs and ctDNA Research and Clinical Validation. <i>Cancers</i> , 2021, 13, 2101.	1.7	14
11	New prospects in skin regeneration and repair using nanophased hydroxyapatite embedded in collagen nanofibers. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2021, 33, 102353.	1.7	19
12	Perspectives, Measurability and Effects of Non-Contact Biofield-Based Practices: A Narrative Review of Quantitative Research. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 6397.	1.2	12
13	Translational Research for Orthopedic Bone Graft Development. <i>Materials</i> , 2021, 14, 4130.	1.3	4
14	Bioengineered Fluorescent Nanoprobe Conjugates for Tracking Human Bone Cells: In Vitro Biocompatibility Analysis. <i>Materials</i> , 2021, 14, 4422.	1.3	2
15	Influence of a macroporous $\beta$ -TCP structure on human mesenchymal stem cell proliferation and differentiation in vitro. <i>Open Ceramics</i> , 2021, 7, 100141.	1.0	4
16	45S5 Bioglass-Derived Glass-Ceramic Scaffolds Containing Niobium Obtained by Gelcasting Method. <i>Materials Research</i> , 2021, 24, .	0.6	4
17	Can measurements be physically conditioned by thought? Further observations following a focused intention experiment. <i>Journal of Complementary and Integrative Medicine</i> , 2021, 17, .	0.4	2
18	Femtosecond laser microstructuring of alumina toughened zirconia for surface functionalization of dental implants. <i>Ceramics International</i> , 2020, 46, 1383-1389.	2.3	52

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19	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
20	PEGylation of iron doped hydroxyapatite nanoparticles for increased applicability as MRI contrast agents and as drug vehicles: A study on thrombogenicity, cytocompatibility and drug loading. <i>European Polymer Journal</i> , 2020, 137, 109934.	2.6	13
21	Clarifying the Tooth-Derived Stem Cells Behavior in a 3D Biomimetic Scaffold for Bone Tissue Engineering Applications. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 724.	2.0	21
22	Silk Fibroin/Collagen/Chitosan Scaffolds Cross-Linked by a Glyoxal Solution as Biomaterials toward Bone Tissue Regeneration. <i>Materials</i> , 2020, 13, 3433.	1.3	30
23	Lidocaine-Loaded Solid Lipid Microparticles (SLMPs) Produced from Gas-Saturated Solutions for Wound Applications. <i>Pharmaceutics</i> , 2020, 12, 870.	2.0	19
24	The antibacterial and angiogenic effect of magnesium oxide in a hydroxyapatite bone substitute. <i>Scientific Reports</i> , 2020, 10, 19098.	1.6	37
25	Effect of surface modification by femtosecond laser on zirconia based ceramics for screening of cell-surface interaction. <i>Applied Surface Science</i> , 2020, 513, 145914.	3.1	32
26	Duality of iron (III) doped nano hydroxyapatite in triple negative breast cancer monitoring and as a drug-free therapeutic agent. <i>Ceramics International</i> , 2020, 46, 16590-16597.	2.3	24
27	Jet Cutting Technique for the Production of Chitosan Aerogel Microparticles Loaded with Vancomycin. <i>Polymers</i> , 2020, 12, 273.	2.0	43
28	Alginate-nanohydroxyapatite hydrogel system: Optimizing the formulation for enhanced bone regeneration. <i>Materials Science and Engineering C</i> , 2019, 105, 109985.	3.8	53
29	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
30	Biomimetic Composite Scaffold With Phosphoserine Signaling for Bone Tissue Engineering Application. <i>Frontiers in Bioengineering and Biotechnology</i> , 2019, 7, 206.	2.0	21
31	Lytic bacteriophages against multidrug-resistant <i>Staphylococcus aureus</i> , <i>Enterococcus faecalis</i> and <i>Escherichia coli</i> isolates from orthopaedic implant-associated infections. <i>International Journal of Antimicrobial Agents</i> , 2019, 54, 329-337.	1.1	44
32	Changes of skin electrical potential in acupoints from Ren Mai and Du Mai conduits during Qigong practice: Documentation of a clinical phenomenon. <i>Journal of Bodywork and Movement Therapies</i> , 2019, 23, 713-720.	0.5	11
33	Influence of PLLA/PCL/HA Scaffold Fiber Orientation on Mechanical Properties and Osteoblast Behavior. <i>Materials</i> , 2019, 12, 3879.	1.3	20
34	Antibacterial bone substitute of hydroxyapatite and magnesium oxide to prevent dental and orthopaedic infections. <i>Materials Science and Engineering C</i> , 2019, 97, 529-538.	3.8	72
35	Vancomycin-loaded chitosan aerogel particles for chronic wound applications. <i>Carbohydrate Polymers</i> , 2019, 204, 223-231.	5.1	136
36	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

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37	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
38	Micropatterned Silica Films with Nanohydroxyapatite for Y-TZP Implants. <i>Journal of Dental Research</i> , 2018, 97, 1003-1009.	2.5	4
39	Antimicrobial Properties and Osteogenicity of Vancomycin-Loaded Synthetic Scaffolds Obtained by Supercritical Foaming. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 3349-3360.	4.0	42
40	Supercritical CO <sub>2</sub> 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
41	Characterization of gelatin and chitosan scaffolds cross-linked by addition of dialdehyde starch. <i>Biomedical Materials (Bristol)</i> , 2018, 13, 015016.	1.7	16
42	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
43	Soft Lithography and Minimally Human Invasive Technique for Rapid Screening of Oral Biofilm Formation on New Microfabricated Dental Material Surfaces. <i>International Journal of Dentistry</i> , 2018, 2018, 1-5.	0.5	4
44	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
45	A New Label-Free Technique for Analysing Evaporation Induced Self-Assembly of Viral Nanoparticles Based on Enhanced Dark-Field Optical Imaging. <i>Nanomaterials</i> , 2018, 8, 1.	1.9	379
46	MobilityAnalyser: A novel approach for automatic quantification of cell mobility on periodic patterned substrates using brightfield microscopy images. <i>Computer Methods and Programs in Biomedicine</i> , 2018, 162, 61-67.	2.6	3
47	Enhanced biosafety of silica coated gadolinium based nanoparticles. <i>Journal of Materials Science: Materials in Medicine</i> , 2017, 28, 46.	1.7	16
48	Instrumental Measurements of Water and the Surrounding Space During a Randomized Blinded Controlled Trial of Focused Intention. <i>Journal of Evidence-Based Complementary &amp; Alternative Medicine</i> , 2017, 22, 675-686.	1.5	5
49	Behavior of prostate cancer cells in a nanohydroxyapatite/collagen bone scaffold. <i>Journal of Biomedical Materials Research - Part A</i> , 2017, 105, 2035-2046.	2.1	10
50	<i>Staphylococcus aureus</i> and <i>Escherichia coli</i> dual-species biofilms on nanohydroxyapatite loaded with CHX or ZnO nanoparticles. <i>Journal of Biomedical Materials Research - Part A</i> , 2017, 105, 491-497.	2.1	19
51	Antibacterial silk fibroin/nanohydroxyapatite hydrogels with silver and gold nanoparticles for bone regeneration. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2017, 13, 231-239.	1.7	119
52	Phase Behaviour and Miscibility Studies of Collagen/Silk Fibroin Macromolecular System in Dilute Solutions and Solid State. <i>Molecules</i> , 2017, 22, 1368.	1.7	21
53	Different hydroxyapatite magnetic nanoparticles for medical imaging: Its effects on hemostatic, hemolytic activity and cellular cytotoxicity. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 146, 363-374.	2.5	59
54	Osteoclastogenic differentiation of human precursor cells over micro- and nanostructured hydroxyapatite topography. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2016, 1860, 825-835.	1.1	23

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55	Comprehensive Analysis of Secreted Protein, Acidic and Rich in Cysteine in Prostate Carcinogenesis: Development of a 3D Nanostructured Bone-Like Model. <i>Journal of Biomedical Nanotechnology</i> , 2016, 12, 1667-1678.	0.5	5
56	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
57	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
58	Effects of Line and Pillar Array Microengineered SiO <sub>2</sub> Thin Films on the Osteogenic Differentiation of Human Bone Marrow-Derived Mesenchymal Stem Cells. <i>Langmuir</i> , 2016, 32, 1091-1100.	1.6	38
59	Preparation, characterization and antibacterial properties of silver nanoparticles/hydroxyapatite composites by a simple and eco-friendly method. <i>Ceramics International</i> , 2016, 42, 2271-2280.	2.3	54
60	Heparinized nanohydroxyapatite/collagen granules for controlled release of vancomycin. <i>Journal of Biomedical Materials Research - Part A</i> , 2015, 103, 3128-3138.	2.1	24
61	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
62	Anti-sessile bacterial and cytocompatibility properties of CHX-loaded nanohydroxyapatite. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015, 130, 305-314.	2.5	17
63	<i>In vitro</i> antimicrobial activity and biocompatibility of propolis containing nanohydroxyapatite. <i>Biomedical Materials (Bristol)</i> , 2015, 10, 025004.	1.7	31
64	Development of silk fibroin/nanohydroxyapatite composite hydrogels for bone tissue engineering. <i>European Polymer Journal</i> , 2015, 67, 66-77.	2.6	82
65	Antifungal activity using medicinal plant extracts against pathogens of coffee tree. <i>Revista Brasileira De Plantas Medicinai</i> s, 2014, 16, 539-544.	0.3	19
66	HA/TCP scaffolds obtained by sucrose crystal leaching method: Preliminary <i>in vitro</i> Evaluation. <i>Materials Research</i> , 2014, 17, 811-816.	0.6	5
67	Role of SPARC in Bone Remodeling and Cancer-Related Bone Metastasis. <i>Journal of Cellular Biochemistry</i> , 2014, 115, 17-26.	1.2	57
68	The role of dialysis and freezing on structural conformation, thermal properties and morphology of silk fibroin hydrogels. <i>Biomatter</i> , 2014, 4, e28536.	2.6	28
69	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
70	<i>In vitro</i> analysis of the antibacterial effect of nanohydroxyapatite/ZnO composites. <i>Journal of Biomedical Materials Research - Part A</i> , 2014, 102, 3726-3733.	2.1	28
71	Fluorescent bionanoprobes based on quantum dot-chitosan/O-phospho-L-serine conjugates for labeling human bone marrow stromal cells. <i>RSC Advances</i> , 2014, 4, 49016-49027.	1.7	22
72	Influence of nanohydroxyapatite surface properties on <i>Staphylococcus epidermidis</i> biofilm formation. <i>Journal of Biomaterials Applications</i> , 2014, 28, 1325-1335.	1.2	18

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73	A biocomposite of collagen nanofibers and nanohydroxyapatite for bone regeneration. <i>Biofabrication</i> , 2014, 6, 035015.	3.7	53
74	Periodic Background Pattern Detection and Removal for Cell Tracking. <i>Lecture Notes in Computer Science</i> , 2014, , 123-131.	1.0	0
75	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
76	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
77	Effects of density of anisotropic microstamped silica thin films on guided bone tissue regeneration” <i>In vitro</i> study. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2013, 101B, 762-769.	1.6	16
78	A modular reactor to simulate biofilm development in orthopedic materials. <i>International Microbiology</i> , 2013, 16, 191-8.	1.1	6
79	The role of perfusion bioreactors in bone tissue engineering. <i>Biomatter</i> , 2012, 2, 167-175.	2.6	125
80	Infection of orthopedic implants with emphasis on bacterial adhesion process and techniques used in studying bacterial-material interactions. <i>Biomatter</i> , 2012, 2, 176-194.	2.6	598
81	<i>Staphylococcus aureus</i> and <i>Staphylococcus epidermidis</i> adhesion to nanohydroxyapatite in the presence of model proteins. <i>Biomedical Materials (Bristol)</i> , 2012, 7, 045010.	1.7	10
82	Micropatterned silica thin films with nanohydroxyapatite micro-aggregates for guided tissue regeneration. <i>Dental Materials</i> , 2012, 28, 1250-1260.	1.6	24
83	Synthesis and characterization of nanocrystalline hydroxyapatite gel and its application as scaffold aggregation. <i>Materials Research</i> , 2012, 15, 974-980.	0.6	15
84	Adhesion of <i>Staphylococcus aureus</i> , <i>Staphylococcus epidermidis</i> , and <i>Pseudomonas aeruginosa</i> onto nanohydroxyapatite as a bone regeneration material. <i>Journal of Biomedical Materials Research - Part A</i> , 2012, 100A, 1823-1830.	2.1	16
85	Reciprocal induction of human dermal microvascular endothelial cells and human mesenchymal stem cells: time-dependent profile in a co-culture system. <i>Cell Proliferation</i> , 2012, 45, 320-334.	2.4	24
86	Reinforced Portland cement porous scaffolds for load-bearing bone tissue engineering applications. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2012, 100B, 501-507.	1.6	11
87	Supplementation of collagen scaffolds with SPARC to facilitate mineralization. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2012, 100B, 862-870.	1.6	13
88	The effect of slurry preparation methods on biaxial flexural strength of dental porcelain. <i>Journal of Prosthetic Dentistry</i> , 2011, 105, 308-314.	1.1	5
89	Isotropic micropatterned silica coatings on zirconia induce guided cell growth for dental implants. <i>Dental Materials</i> , 2011, 27, 581-589.	1.6	52
90	<i>In vivo</i> evaluation of highly macroporous ceramic scaffolds for bone tissue engineering. <i>Journal of Biomedical Materials Research - Part A</i> , 2010, 93A, 567-575.	2.1	38

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91	Early Spreading and Propagation of Human Bone Marrow Stem Cells on Isotropic and Anisotropic Topographies of Silica Thin Films Produced via Microstamping. <i>Microscopy and Microanalysis</i> , 2010, 16, 670-676.	0.2	14
92	Heparinized hydroxyapatite/collagen three-dimensional scaffolds for tissue engineering. <i>Journal of Materials Science: Materials in Medicine</i> , 2010, 21, 2385-2392.	1.7	34
93	Synthesis and characterization of HAp nanorods from a cationic surfactant template method. <i>Journal of Materials Science: Materials in Medicine</i> , 2010, 21, 2543-2549.	1.7	46
94	Proliferation and mineralization of bone marrow cells cultured on macroporous hydroxyapatite scaffolds functionalized with collagen type I for bone tissue regeneration. <i>Journal of Biomedical Materials Research - Part A</i> , 2010, 95A, 1-8.	2.1	32
95	Innovative macroporous granules of nanostructured hydroxyapatite agglomerates: Bioactivity and osteoblast-like cell behaviour. <i>Journal of Biomedical Materials Research - Part A</i> , 2010, 95A, 891-900.	2.1	39
96	Influence of crystallite size of nanophased hydroxyapatite on fibronectin and osteonectin adsorption and on MC3T3-E1 osteoblast adhesion and morphology. <i>Journal of Colloid and Interface Science</i> , 2010, 351, 398-406.	5.0	100
97	In vitro study of the proliferation and growth of human bone marrow cells on apatite-wollastonite-2M glass ceramics. <i>Acta Biomaterialia</i> , 2010, 6, 2254-2263.	4.1	38
98	Tratamento com radio e quimioterapia do carcinoma epidermóide do canal anal: experiência do hospital Barão de Lucena. <i>Revista Brasileira De Coloproctologia</i> , 2010, 30, 167-174.	0.2	0
99	Physical characterization of hydroxyapatite porous scaffolds for tissue engineering. <i>Materials Science and Engineering C</i> , 2009, 29, 1510-1514.	3.8	109
100	Cationic liposome-DNA complexes as gene delivery vectors: Development and behaviour towards bone-like cells. <i>Acta Biomaterialia</i> , 2009, 5, 2142-2151.	4.1	54
101	Three Dimensional Macroporous Calcium Phosphates Scaffolds for Bone Tissue Engineering. <i>Microscopy and Microanalysis</i> , 2009, 15, 61-62.	0.2	1
102	Cells spreading on Micro-fabricated Silica Thin film Coatings. <i>Microscopy and Microanalysis</i> , 2009, 15, 77-78.	0.2	3
103	Biocompatibility of highly macroporous ceramic scaffolds: cell adhesion and morphology studies. <i>Journal of Materials Science: Materials in Medicine</i> , 2008, 19, 855-859.	1.7	50
104	PLD bioactive ceramic films: the influence of CaO-P2O5 glass additions to hydroxyapatite on the proliferation and morphology of osteoblastic like-cells. <i>Journal of Materials Science: Materials in Medicine</i> , 2008, 19, 1775-1785.	1.7	15
105	Comparative study of nanohydroxyapatite microspheres for medical applications. <i>Journal of Biomedical Materials Research - Part A</i> , 2008, 86A, 483-493.	2.1	67
106	Laser surface treatment of hydroxyapatite for enhanced tissue integration: Surface characterization and osteoblastic interaction studies. <i>Journal of Biomedical Materials Research - Part A</i> , 2007, 81A, 920-929.	2.1	15
107	Nanohydroxyapatite microspheres as delivery system for antibiotics: Release kinetics, antimicrobial activity, and interaction with osteoblasts. <i>Journal of Biomedical Materials Research - Part A</i> , 2007, 81A, 994-1004.	2.1	113
108	Social capital and institutional performance: methodological and theoretical discussion on the water casin committees in metropolitan São Paulo - Brazil. <i>Ambiente &amp; Sociedade</i> , 2006, 9, 25-45.	0.5	7

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109	Development of a system to adsorb drugs onto calcium phosphate materials. <i>Journal of Materials Science: Materials in Medicine</i> , 2005, 16, 641-646.	1.7	19
110	Laser surface modification of hydroxyapatite and glass-reinforced hydroxyapatite. <i>Biomaterials</i> , 2004, 25, 4607-4614.	5.7	26
111	Dissolution studies of hydroxyapatite and glass-reinforced hydroxyapatite ceramics. <i>Materials Characterization</i> , 2003, 50, 197-202.	1.9	35
112	Adsorption and release studies of sodium ampicillin from hydroxyapatite and glass-reinforced hydroxyapatite composites. <i>Biomaterials</i> , 2001, 22, 1393-1400.	5.7	95
113	Effect of chemical composition on hydrophobicity and zeta potential of plasma sprayed HA/CaO-P2O5 glass coatings. <i>Biomaterials</i> , 2001, 22, 3105-3112.	5.7	41
114	HA and double-layer HA-P2O5/CaO glass coatings: influence of chemical composition on human bone marrow cells osteoblastic behavior. <i>Journal of Materials Science: Materials in Medicine</i> , 2001, 12, 629-638.	1.7	25
115	Direct and indirect effects of P2O5 glass reinforced-hydroxyapatite composites on the growth and function of osteoblast-like cells. <i>Biomaterials</i> , 2000, 21, 1165-1172.	5.7	34
116	Microstructural dependence of Young's and shear moduli of P2O5 glass reinforced hydroxyapatite for biomedical applications. <i>Biomaterials</i> , 2000, 21, 749-754.	5.7	60
117	Flow cytometry analysis of the effects of pre-immersion on the biocompatibility of glass-reinforced hydroxyapatite plasma-sprayed coatings. <i>Biomaterials</i> , 2000, 21, 813-820.	5.7	29
118	Glass-reinforced hydroxyapatite composites: fracture toughness and hardness dependence on microstructural characteristics. <i>Biomaterials</i> , 1999, 20, 2085-2090.	5.7	120
119	In vitro growth and differentiation of osteoblast-like human bone marrow cells on glass reinforced hydroxyapatite plasma-sprayed coatings. <i>Journal of Materials Science: Materials in Medicine</i> , 1999, 10, 567-576.	1.7	21
120	Glass-reinforced hydroxyapatite composites: Secondary phase proportions and densification effects on biaxial bending strength. , 1999, 48, 734-740.		46
121	Hydrophobicity, surface tension, and zeta potential measurements of glass-reinforced hydroxyapatite composites. , 1999, 45, 370-375.		112
122	CaO-P2O5 glass hydroxyapatite double-layer plasma-sprayed coating: In vitro bioactivity evaluation. , 1999, 45, 376-383.		48
123	Flow cytometry analysis of effects of glass on response of osteosarcoma cells to plasma-sprayed hydroxyapatite/CaO-P2O5 coatings. <i>Journal of Biomedical Materials Research Part B</i> , 1999, 47, 603-611.	3.0	25
124	Glass-reinforced hydroxyapatite: A comprehensive study of the effect of glass composition on the crystallography of the composite. , 1998, 39, 244-251.		65
125	Flow cytometry for assessing biocompatibility. <i>Journal of Biomedical Materials Research Part B</i> , 1998, 41, 649-656.	3.0	40
126	Adhesion and microstructural characterization of plasma-sprayed hydroxyapatite/glass ceramic coatings onto Ti-6Al-4V substrates. <i>Surface and Coatings Technology</i> , 1998, 102, 191-196.	2.2	58



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127	In vitro calcium phosphate formation on SiO <sub>2</sub> -Na <sub>2</sub> O-CaO-P <sub>2</sub> O <sub>5</sub> glass reinforced hydroxyapatite composite: a study by XPS analysis. Journal of Materials Science: Materials in Medicine, 1996, 7, 181-185.	1.7	57
128	Reinforcement of hydroxyapatite by adding P <sub>2</sub> O <sub>5</sub> -CaO glasses with Na <sub>2</sub> O, K <sub>2</sub> O and MgO. Journal of Materials Science: Materials in Medicine, 1996, 7, 187-189.	1.7	72
129	Crystallinity and structural changes in HA plasma-sprayed coatings induced by cyclic loading in physiological media. Journal of Materials Science: Materials in Medicine, 1996, 7, 407-411.	1.7	16
130	Liquid phase sintering of hydroxyapatite by phosphate and silicate glass additions: structure and properties of the composites. Journal of Materials Science: Materials in Medicine, 1995, 6, 348-352.	1.7	56
131	Surface modifications of glass-reinforced hydroxyapatite composites. Biomaterials, 1995, 16, 521-526.	5.7	32
132	Stability of hydroxylapatite plasma-sprayed coated Ti-6Al-4V under cyclic bending in simulated physiological solutions. Journal of Materials Science: Materials in Medicine, 1994, 5, 457-462.	1.7	37
133	Microstructural characterization of glass-reinforced hydroxyapatite composites. Biomaterials, 1994, 15, 5-10.	5.7	108
134	Ageing of black solar selective surfaces. Solar Energy Materials and Solar Cells, 1991, 21, 297-315.	0.4	2
135	Pretreatments of improve the adhesion of electrodeposits on aluminium. Surface and Interface Analysis, 1991, 17, 519-528.	0.8	24
136	Effects of Metal Ions Present in lincate Solutions on the Characteristics of linc Alloy Films on Aluminium. Surface Engineering, 1990, 6, 287-293.	1.1	0
137	Wear Behaviour of Stainless Steelafter Al <sub>2</sub> O <sub>3</sub> Plasma Spraying for Biomedical Applications. Surface Engineering, 1990, 6, 209-212.	1.1	4
138	Surface pretreatments of aluminium for electroplating. Surface and Coatings Technology, 1988, 35, 321-331.	2.2	26