Fernando J Monteiro

List of Publications by Year
in descending order

138 papers	5,536 citations	87888 38 h-index	102487 66 g-index
140 all docs	140 docs citations	140 times ranked	8070 citing authors

#	Article	IF	Citations
1	Design and surface characterization of micropatterned silica coatings for zirconia dental implants. Journal of the Mechanical Behavior of Biomedical Materials, 2022, 126, 105060.	3.1	8
2	Magnetic mesoporous silica nanoparticles as a theranostic approach for breast cancer: Loading and release of the poorly soluble drug exemestane. International Journal of Pharmaceutics, 2022, 619, 121711.	5.2	14
3	Scaffolds Loaded with Dialdehyde Chitosan and Collagenâ€"Their Physico-Chemical Properties and Biological Assessment. Polymers, 2022, 14, 1818.	4.5	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. Biomaterials Science, 2022, 10, 3296-3308.	5.4	2
5	Combining local antibiotic delivery with heparinized nanohydroxyapatite/collagen bone substitute: A novel strategy for osteomyelitis treatment. Materials Science and Engineering C, 2021, 119, 111329.	7.3	25
6	Can Traditional Chinese Medicine Diagnosis Be Parameterized and Standardized? A Narrative Review. Healthcare (Switzerland), 2021, 9, 177.	2.0	23
7	Biomaterials with Potential Use in Bone Tissue Regenerationâ€"Collagen/Chitosan/Silk Fibroin Scaffolds Cross-Linked by EDC/NHS. Materials, 2021, 14, 1105.	2.9	34
8	Understanding Traditional Chinese Medicine Therapeutics: An Overview of the Basics and Clinical Applications. Healthcare (Switzerland), 2021, 9, 257.	2.0	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. Journal of Bodywork and Movement Therapies, 2021, 26, 309-317.	1.2	6
10	Emerging Lab-on-a-Chip Approaches for Liquid Biopsy in Lung Cancer: Status in CTCs and ctDNA Research and Clinical Validation. Cancers, 2021, 13, 2101.	3.7	14
11	New prospects in skin regeneration and repair using nanophased hydroxyapatite embedded in collagen nanofibers. Nanomedicine: Nanotechnology, Biology, and Medicine, 2021, 33, 102353.	3.3	19
12	Perspectives, Measurability and Effects of Non-Contact Biofield-Based Practices: A Narrative Review of Quantitative Research. International Journal of Environmental Research and Public Health, 2021, 18, 6397.	2.6	12
13	Translational Research for Orthopedic Bone Graft Development. Materials, 2021, 14, 4130.	2.9	4
14	Bioengineered Fluorescent Nanoprobe Conjugates for Tracking Human Bone Cells: In Vitro Biocompatibility Analysis. Materials, 2021, 14, 4422.	2.9	2
15	Influence of a macroporous Î²-TCP structure on human mesenchymal stem cell proliferation and differentiation in vitro. Open Ceramics, 2021, 7, 100141.	2.0	4
16	45S5 Bioglass-Derived Glass-Ceramic Scaffolds Containing Niobium Obtained by Gelcasting Method. Materials Research, 2021, 24, .	1.3	4
17	Can measurements be physically conditioned by thought? Further observations following a focused intention experiment. Journal of Complementary and Integrative Medicine, 2021, 17, .	0.9	2
18	Femtosecond laser microstructuring of alumina toughened zirconia for surface functionalization of dental implants. Ceramics International, 2020, 46, 1383-1389.	4.8	52

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19	Encapsulated bacteriophages in alginate-nanohydroxyapatite hydrogel as a novel delivery system to prevent orthopedic implant-associated infections. Nanomedicine: Nanotechnology, Biology, and Medicine, 2020, 24, 102145.	3.3	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. European Polymer Journal, 2020, 137, 109934.	5.4	13
21	Clarifying the Tooth-Derived Stem Cells Behavior in a 3D Biomimetic Scaffold for Bone Tissue Engineering Applications. Frontiers in Bioengineering and Biotechnology, 2020, 8, 724.	4.1	21
22	Silk Fibroin/Collagen/Chitosan Scaffolds Cross-Linked by a Glyoxal Solution as Biomaterials toward Bone Tissue Regeneration. Materials, 2020, 13, 3433.	2.9	30
23	Lidocaine-Loaded Solid Lipid Microparticles (SLMPs) Produced from Gas-Saturated Solutions for Wound Applications. Pharmaceutics, 2020, 12, 870.	4.5	19
24	The antibacterial and angiogenic effect of magnesium oxide in a hydroxyapatite bone substitute. Scientific Reports, 2020, 10, 19098.	3.3	37
25	Effect of surface modification by femtosecond laser on zirconia based ceramics for screening of cell-surface interaction. Applied Surface Science, 2020, 513, 145914.	6.1	32
26	Duality of iron (III) doped nano hydroxyapatite in triple negative breast cancer monitoring and as a drug-free therapeutic agent. Ceramics International, 2020, 46, 16590-16597.	4.8	24
27	Jet Cutting Technique for the Production of Chitosan Aerogel Microparticles Loaded with Vancomycin. Polymers, 2020, 12, 273.	4.5	43
28	Alginate-nanohydroxyapatite hydrogel system: Optimizing the formulation for enhanced bone regeneration. Materials Science and Engineering C, 2019, 105, 109985.	7.3	53
29	Inhibitory Effect of 5-Aminoimidazole-4-Carbohydrazonamides Derivatives Against Candida spp. Biofilm on Nanohydroxyapatite Substrate. Mycopathologia, 2019, 184, 775-786.	3.1	7
30	Biomimetic Composite Scaffold With Phosphoserine Signaling for Bone Tissue Engineering Application. Frontiers in Bioengineering and Biotechnology, 2019, 7, 206.	4.1	21
31	Lytic bacteriophages against multidrug-resistant Staphylococcus aureus, Enterococcus faecalis and Escherichia coli isolates from orthopaedic implant-associated infections. International Journal of Antimicrobial Agents, 2019, 54, 329-337.	2.5	44
32	Changes of skin electrical potential in acupoints from Ren Mai and DuÂMai conduits during Qigong practice: Documentation of a clinical phenomenon. Journal of Bodywork and Movement Therapies, 2019, 23, 713-720.	1.2	11
33	Influence of PLLA/PCL/HA Scaffold Fiber Orientation on Mechanical Properties and Osteoblast Behavior. Materials, 2019, 12, 3879.	2.9	20
34	Antibacterial bone substitute of hydroxyapatite and magnesium oxide to prevent dental and orthopaedic infections. Materials Science and Engineering C, 2019, 97, 529-538.	7.3	72
35	Vancomycin-loaded chitosan aerogel particles for chronic wound applications. Carbohydrate Polymers, 2019, 204, 223-231.	10.2	136
36	Silk fibroin/nanohydroxyapatite hydrogels for promoted bioactivity and osteoblastic proliferation and differentiation of human bone marrow stromal cells. Materials Science and Engineering C, 2018, 89, 336-345.	7.3	24

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37	Highly porous 45S5 bioglass-derived glassâ€"ceramic scaffolds by gelcasting of foams. Journal of Materials Science, 2018, 53, 10718-10731.	3.7	14
38	Micropatterned Silica Films with Nanohydroxyapatite for Y-TZP Implants. Journal of Dental Research, 2018, 97, 1003-1009.	5.2	4
39	Antimicrobial Properties and Osteogenicity of Vancomycin-Loaded Synthetic Scaffolds Obtained by Supercritical Foaming. ACS Applied Materials & Interfaces, 2018, 10, 3349-3360.	8.0	42
40	Supercritical CO 2 assisted process for the production of highâ€purity and sterile nanoâ€hydroxyapatite/chitosan hybrid scaffolds. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2018, 106, 965-975.	3.4	15
41	Characterization of gelatin and chitosan scaffolds cross-linked by addition of dialdehyde starch. Biomedical Materials (Bristol), 2018, 13, 015016.	3.3	16
42	Femtosecond laser microstructured Alumina toughened Zirconia: A new strategy to improve osteogenic differentiation of hMSCs. Applied Surface Science, 2018, 435, 1237-1245.	6.1	47
43	Soft Lithography and Minimally Human Invasive Technique for Rapid Screening of Oral Biofilm Formation on New Microfabricated Dental Material Surfaces. International Journal of Dentistry, 2018, 2018, 1-5.	1.5	4
44	Femtosecond laser impact on calcium phosphate bioceramics assessed by micro-Raman spectroscopy and osteoblastic behaviour. Journal of the European Ceramic Society, 2018, 38, 5545-5553.	5.7	8
45	A New Label-Free Technique for Analysing Evaporation Induced Self-Assembly of Viral Nanoparticles Based on Enhanced Dark-Field Optical Imaging. Nanomaterials, 2018, 8, 1.	4.1	379
46	MobilityAnalyser: A novel approach for automatic quantification of cell mobility on periodic patterned substrates using brightfield microscopy images. Computer Methods and Programs in Biomedicine, 2018, 162, 61-67.	4.7	3
47	Enhanced biosafety of silica coated gadolinium based nanoparticles. Journal of Materials Science: Materials in Medicine, 2017, 28, 46.	3.6	16
48	Instrumental Measurements of Water and the Surrounding Space During a Randomized Blinded Controlled Trial of Focused Intention. Journal of Evidence-Based Complementary & Alternative Medicine, 2017, 22, 675-686.	1.5	5
49	Behavior of prostate cancer cells in a nanohydroxyapatite/collagen bone scaffold. Journal of Biomedical Materials Research - Part A, 2017, 105, 2035-2046.	4.0	10
50	Staphylococcus aureus and Escherichia coli dualâ€species biofilms on nanohydroxyapatite loaded with CHX or ZnO nanoparticles. Journal of Biomedical Materials Research - Part A, 2017, 105, 491-497.	4.0	19
51	Antibacterial silk fibroin/nanohydroxyapatite hydrogels with silver and gold nanoparticles for bone regeneration. Nanomedicine: Nanotechnology, Biology, and Medicine, 2017, 13, 231-239.	3.3	119
52	Phase Behaviour and Miscibility Studies of Collagen/Silk Fibroin Macromolecular System in Dilute Solutions and Solid State. Molecules, 2017, 22, 1368.	3.8	21
53	Different hydroxyapatite magnetic nanoparticles for medical imaging: Its effects on hemostatic, hemolytic activity and cellular cytotoxicity. Colloids and Surfaces B: Biointerfaces, 2016, 146, 363-374.	5.0	59
54	Osteoclastogenic differentiation of human precursor cells over micro- and nanostructured hydroxyapatite topography. Biochimica Et Biophysica Acta - General Subjects, 2016, 1860, 825-835.	2.4	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. Journal of Biomedical Nanotechnology, 2016, 12, 1667-1678.	1.1	5
56	Biodegradation, biocompatibility, and osteoconduction evaluation of collagenâ€nanohydroxyapatite cryogels for bone tissue regeneration. Journal of Biomedical Materials Research - Part A, 2016, 104, 57-70.	4.0	60
57	Osteoblastic cells colonization inside beta-TCP macroporous structures obtained by ice-templating. Journal of the European Ceramic Society, 2016, 36, 2895-2901.	5.7	29
58	Effects of Line and Pillar Array Microengineered SiO₂ Thin Films on the Osteogenic Differentiation of Human Bone Marrow-Derived Mesenchymal Stem Cells. Langmuir, 2016, 32, 1091-1100.	3.5	38
59	Preparation, characterization and antibacterial properties of silver nanoparticlesâ€"hydroxyapatite composites by a simple and eco-friendly method. Ceramics International, 2016, 42, 2271-2280.	4.8	54
60	Heparinized nanohydroxyapatite/collagen granules for controlled release of vancomycin. Journal of Biomedical Materials Research - Part A, 2015, 103, 3128-3138.	4.0	24
61	Antibacterial activity and biocompatibility of three-dimensional nanostructured porous granules of hydroxyapatite and zinc oxide nanoparticlesâ€"anin vitroandin vivostudy. Nanotechnology, 2015, 26, 315101.	2.6	55
62	Anti-sessile bacterial and cytocompatibility properties of CHX-loaded nanohydroxyapatite. Colloids and Surfaces B: Biointerfaces, 2015, 130, 305-314.	5.0	17
63	In vitroantimicrobial activity and biocompatibility of propolis containing nanohydroxyapatite. Biomedical Materials (Bristol), 2015, 10, 025004.	3.3	31
64	Development of silk fibroin/nanohydroxyapatite composite hydrogels for bone tissue engineering. European Polymer Journal, 2015, 67, 66-77.	5.4	82
65	Antifungal activity using medicinal plant extracts against pathogens of coffee tree. Revista Brasileira De Plantas Medicinais, 2014, 16, 539-544.	0.3	19
66	HA/TCP scaffolds obtained by sucrose crystal leaching method: Preliminary in vitro Evaluation. Materials Research, 2014, 17, 811-816.	1.3	5
67	Role of SPARC in Bone Remodeling and Cancerâ€Related Bone Metastasis. Journal of Cellular Biochemistry, 2014, 115, 17-26.	2.6	57
68	The role of dialysis and freezing on structural conformation, thermal properties and morphology of silk fibroin hydrogels. Biomatter, 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. Science and Technology of Advanced Materials, 2014, 15, 025001.	6.1	28
70	In vitro analysis of the antibacterial effect of nanohydroxyapatiteâ€"ZnO composites. Journal of Biomedical Materials Research - Part A, 2014, 102, 3726-3733.	4.0	28
71	Fluorescent bionanoprobes based on quantum dot-chitosanâ€"O-phospho-<scp>l</scp>-serine conjugates for labeling human bone marrow stromal cells. RSC Advances, 2014, 4, 49016-49027.	3.6	22
72	Influence of nanohydroxyapatite surface properties on Staphylococcus epidermidis biofilm formation. Journal of Biomaterials Applications, 2014, 28, 1325-1335.	2.4	18

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73	A biocomposite of collagen nanofibers and nanohydroxyapatite for bone regeneration. Biofabrication, 2014, 6, 035015.	7.1	53
74	Periodic Background Pattern Detection and Removal for Cell Tracking. Lecture Notes in Computer Science, 2014, , 123-131.	1.3	0
75	Preparation and characterization of collagenâ€nanohydroxyapatite biocomposite scaffolds by cryogelation method for bone tissue engineering applications. Journal of Biomedical Materials Research - Part A, 2013, 101A, 1080-1094.	4.0	113
76	Response of Monocultured and Co-Cultured Human Microvascular Endothelial Cells and Mesenchymal Stem Cells to Macroporous Granules of Nanostructured-Hydroxyapatite Agglomerates. Journal of Biomedical Nanotechnology, 2013, 9, 1594-1606.	1.1	10
77	Effects of density of anisotropic microstamped silica thin films on guided bone tissue regenerationâ€”In vitro study. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2013, 101B, 762-769.	3.4	16
78	A modular reactor to simulate biofilm development in orthopedic materials. International Microbiology, 2013, 16, 191-8.	2.4	6
79	The role of perfusion bioreactors in bone tissue engineering. Biomatter, 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. Biomatter, 2012, 2, 176-194.	2.6	598
81	Staphylococcus aureus and Staphylococcus epidermidis adhesion to nanohydroxyapatite in the presence of model proteins. Biomedical Materials (Bristol), 2012, 7, 045010.	3.3	10
82	Micropatterned silica thin films with nanohydroxyapatite micro-aggregates for guided tissue regeneration. Dental Materials, 2012, 28, 1250-1260.	3.5	24
83	Synthesis and characterization of nanocrystalline hydroxyapatite gel and its application as scaffold aggregation. Materials Research, 2012, 15, 974-980.	1.3	15
84	Adhesion of Staphylococcus aureus, Staphylococcus epidermidis, and Pseudomonas aeruginosa onto nanohydroxyapatite as a bone regeneration material. Journal of Biomedical Materials Research - Part A, 2012, 100A, 1823-1830.	4.0	16
85	Reciprocal induction of human dermal microvascular endothelial cells and human mesenchymal stem cells: timeâ€dependent profile in a coâ€culture system. Cell Proliferation, 2012, 45, 320-334.	5.3	24
86	Reinforced Portland cement porous scaffolds for loadâ€bearing bone tissue engineering applications. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2012, 100B, 501-507.	3.4	11
87	Supplementation of collagen scaffolds with SPARC to facilitate mineralization. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2012, 100B, 862-870.	3.4	13
88	The effect of slurry preparation methods on biaxial flexural strength of dental porcelain. Journal of Prosthetic Dentistry, 2011, 105, 308-314.	2.8	5
89	Isotropic micropatterned silica coatings on zirconia induce guided cell growth for dental implants. Dental Materials, 2011, 27, 581-589.	3.5	52
90	In vivo evaluation of highly macroporous ceramic scaffolds for bone tissue engineering. Journal of Biomedical Materials Research - Part A, 2010, 93A, 567-575.	4.0	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. Microscopy and Microanalysis, 2010, 16, 670-676.	0.4	14
92	Heparinized hydroxyapatite/collagen three-dimensional scaffolds for tissue engineering. Journal of Materials Science: Materials in Medicine, 2010, 21, 2385-2392.	3.6	34
93	Synthesis and characterization of HAp nanorods from a cationic surfactant template method. Journal of Materials Science: Materials in Medicine, 2010, 21, 2543-2549.	3.6	46
94	Proliferation and mineralization of bone marrow cells cultured on macroporous hydroxyapatite scaffolds functionalized with collagen type I for bone tissue regeneration. Journal of Biomedical Materials Research - Part A, 2010, 95A, 1-8.	4.0	32
95	Innovative macroporous granules of nanostructuredâ€hydroxyapatite agglomerates: Bioactivity and osteoblastâ€like cell behaviour. Journal of Biomedical Materials Research - Part A, 2010, 95A, 891-900.	4.0	39
96	Influence of crystallite size of nanophased hydroxyapatite on fibronectin and osteonectin adsorption and on MC3T3-E1 osteoblast adhesion and morphology. Journal of Colloid and Interface Science, 2010, 351, 398-406.	9.4	100
97	In vitro study of the proliferation and growth of human bone marrow cells on apatiteâ€"wollastonite-2M glass ceramics. Acta Biomaterialia, 2010, 6, 2254-2263.	8.3	38
98	Tratamento com radio e quimioterapia do carcinoma epidermÃ³ide do canal anal: experiÃªncia do hospital BarÃ£o de Lucena. Revista Brasileira De Coloproctologia, 2010, 30, 167-174.	0.2	0
99	Physical characterization of hydroxyapatite porous scaffolds for tissue engineering. Materials Science and Engineering C, 2009, 29, 1510-1514.	7.3	109
100	Cationic liposomeâ€"DNA complexes as gene delivery vectors: Development and behaviour towards bone-like cells. Acta Biomaterialia, 2009, 5, 2142-2151.	8.3	54
101	Three Dimensional Macroporous Calcium Phosphates Scaffolds for Bone Tissue Engineering. Microscopy and Microanalysis, 2009, 15, 61-62.	0.4	1
102	Cells spreading on Micro-fabricated Silica Thin film Coatings. Microscopy and Microanalysis, 2009, 15, 77-78.	0.4	3
103	Biocompatibility of highly macroporous ceramic scaffolds: cell adhesion and morphology studies. Journal of Materials Science: Materials in Medicine, 2008, 19, 855-859.	3.6	50
104	PLD bioactive ceramic films: the influence of CaOâ€"P2O5 glass additions to hydroxyapatite on the proliferation and morphology of osteblastic like-cells. Journal of Materials Science: Materials in Medicine, 2008, 19, 1775-1785.	3.6	15
105	Comparative study of nanohydroxyapatite microspheres for medical applications. Journal of Biomedical Materials Research - Part A, 2008, 86A, 483-493.	4.0	67
106	Laser surface treatment of hydroxyapatite for enhanced tissue integration: Surface characterization and osteoblastic interaction studies. Journal of Biomedical Materials Research - Part A, 2007, 81A, 920-929.	4.0	15
107	Nanohydroxyapatite microspheres as delivery system for antibiotics: Release kinetics, antimicrobial activity, and interaction with osteoblasts. Journal of Biomedical Materials Research - Part A, 2007, 81A, 994-1004.	4.0	113
108	Social capital and institutional performance: methodological and theoretical discussion on the water casin committees in metropolitan SÃ£o Paulo - Brazil. Ambiente & Sociedade, 2006, 9, 25-45.	0.5	7

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109	Development of a system to adsorb drugs onto calcium phosphate materials. Journal of Materials Science: Materials in Medicine, 2005, 16, 641-646.	3.6	19
110	Laser surface modification of hydroxyapatite and glass-reinforced hydroxyapatite. Biomaterials, 2004, 25, 4607-4614.	11.4	26
111	Dissolution studies of hydroxyapatite and glass-reinforced hydroxyapatite ceramics. Materials Characterization, 2003, 50, 197-202.	4.4	35
112	Adsorption and release studies of sodium ampicillin from hydroxyapatite and glass-reinforced hydroxyapatite composites. Biomaterials, 2001, 22, 1393-1400.	11.4	95
113	Effect of chemical composition on hydrophobicity and zeta potential of plasma sprayed HA/CaOâ€"P2O5 glass coatings. Biomaterials, 2001, 22, 3105-3112.	11.4	41
114	HA and double-layer HA-P2O5/CaO glass coatings: influence of chemical composition on human bone marrow cells osteoblastic behavior. Journal of Materials Science: Materials in Medicine, 2001, 12, 629-638.	3.6	25
115	Direct and indirect effects of P2O5 glass reinforced-hydroxyapatite composites on the growth and function of osteoblast-like cells. Biomaterials, 2000, 21, 1165-1172.	11.4	34
116	Microstructural dependence of Young's and shear moduli of P2O5 glass reinforced hydroxyapatite for biomedical applications. Biomaterials, 2000, 21, 749-754.	11.4	60
117	Flow cytometry analysis of the effects of pre-immersion on the biocompatibility of glass-reinforced hydroxyapatite plasma-sprayed coatings. Biomaterials, 2000, 21, 813-820.	11.4	29
118	Glass-reinforced hydroxyapatite composites: fracture toughness and hardness dependence on microstructural characteristics. Biomaterials, 1999, 20, 2085-2090.	11.4	120
119	In vitro growth and differentiation of osteoblast-like human bone marrow cells on glass reinforced hydroxyapatite plasma-sprayed coatings. Journal of Materials Science: Materials in Medicine, 1999, 10, 567-576.	3.6	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. Journal of Biomedical Materials Research Part B, 1999, 47, 603-611.	3.1	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. Journal of Biomedical Materials Research Part B, 1998, 41, 649-656.	3.1	40
126	Adhesion and microstructural characterization of plasma-sprayed hydroxyapatite/glass ceramic coatings onto Ti-6A1-4V substrates. Surface and Coatings Technology, 1998, 102, 191-196.	4.8	58

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127	In vitro calcium phosphate formation on SiO2-Na2O-CaO-P2O5 glass reinforced hydroxyapatite composite: a study by XPS analysis. Journal of Materials Science: Materials in Medicine, 1996, 7, 181-185.	3.6	57
128	Reinforcement of hydroxyapatite by adding P2O5-CaO glasses with Na2O, K2O and MgO. Journal of Materials Science: Materials in Medicine, 1996, 7, 187-189.	3.6	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.	3.6	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.	3.6	56
131	Surface modifications of glass-reinforced hydroxyapatite composites. Biomaterials, 1995, 16, 521-526.	11.4	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.	3.6	37
133	Microstructural characterization of glass-reinforced hydroxyapatite composites. Biomaterials, 1994, 15, 5-10.	11.4	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.	1.8	24
136	Effects of Metal Ions Present in Iincate Solutions on the Characteristics of Iinc Alloy Films on Aluminium. Surface Engineering, 1990, 6, 287-293.	2.2	0
137	Wear Behaviour of Stainless Steelafter Al₂O₃ Plasma Spraying for Biomedical Applications. Surface Engineering, 1990, 6, 209-212.	2.2	4
138	Surface pretreatments of aluminium for electroplating. Surface and Coatings Technology, 1988, 35, 321-331.	4.8	26