

Michele Iafisco

List of Publications by Year in descending order

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129
papers

4,570
citations

87886

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132
docs citations

132
times ranked

5699
citing authors

#	ARTICLE	IF	CITATIONS
1	Biomimetic Hydroxyapatiteâ€“Drug Nanocrystals as Potential Bone Substitutes with Antitumor Drug Delivery Properties. <i>Advanced Functional Materials</i> , 2007, 17, 2180-2188.	14.9	304
2	Progress on the preparation of nanocrystalline apatites and surface characterization: Overview of fundamental and applied aspects. <i>Progress in Crystal Growth and Characterization of Materials</i> , 2013, 59, 1-46.	4.0	219
3	Crystallization of bioinspired citrate-functionalized nanoapatite with tailored carbonate content. <i>Acta Biomaterialia</i> , 2012, 8, 3491-3499.	8.3	134
4	Inhalation of peptide-loaded nanoparticles improves heart failure. <i>Science Translational Medicine</i> , 2018, 10, .	12.4	132
5	Magnetic Bioinspired Hybrid Nanostructured Collagenâ€“Hydroxyapatite Scaffolds Supporting Cell Proliferation and Tuning Regenerative Process. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 15697-15707.	8.0	119
6	Amino acid synergetic effect on structure, morphology and surface properties of biomimetic apatite nanocrystals. <i>Acta Biomaterialia</i> , 2009, 5, 1241-1252.	8.3	118
7	Surface Enamel Remineralization: Biomimetic Apatite Nanocrystals and Fluoride Ions Different Effects. <i>Journal of Nanomaterials</i> , 2009, 2009, 1-9.	2.7	106
8	Influence of Hydroxyapatite Nanoparticles on Germination and Plant Metabolism of Tomato (<i>Solanum</i>) Tj ETQq0 0 0 rgBT /Overlock 10 T	3.6	94
9	Fluoride-doped amorphous calcium phosphate nanoparticles as a promising biomimetic material for dental remineralization. <i>Scientific Reports</i> , 2018, 8, 17016.	3.3	90
10	Bioinspired negatively charged calcium phosphate nanocarriers for cardiac delivery of MicroRNAs. <i>Nanomedicine</i> , 2016, 11, 891-906.	3.3	89
11	pH-Responsive Delivery of Doxorubicin from Citrateâ€“Apatite Nanocrystals with Tailored Carbonate Content. <i>Langmuir</i> , 2013, 29, 8213-8221.	3.5	88
12	Smart delivery of antitumoral platinum complexes from biomimetic hydroxyapatite nanocrystals. <i>Journal of Materials Chemistry</i> , 2009, 19, 8385.	6.7	84
13	Surface Hydration and Cationic Sites of Nanohydroxyapatites with Amorphous or Crystalline Surfaces: A Comparative Study. <i>Journal of Physical Chemistry C</i> , 2010, 114, 16640-16648.	3.1	81
14	Synergistic effects of bisphosphonate and calcium phosphate nanoparticles on peri-implant bone responses in osteoporotic rats. <i>Biomaterials</i> , 2014, 35, 5482-5490.	11.4	79
15	Adsorption and Conformational Change of Myoglobin on Biomimetic Hydroxyapatite Nanocrystals Functionalized with Alendronate. <i>Langmuir</i> , 2008, 24, 4924-4930.	3.5	78
16	Cell Surface Receptor Targeted Biomimetic Apatite Nanocrystals for Cancer Therapy. <i>Small</i> , 2013, 9, 3834-3844.	10.0	76
17	The role of biomimetism in developing nanostructured inorganic matrices for drug delivery. <i>Expert Opinion on Drug Delivery</i> , 2008, 5, 861-877.	5.0	75
18	Magnetic Bioactive and Biodegradable Hollow Fe-Doped Hydroxyapatite Coated Poly(l-lactic) Acid Micro-nanospheres. <i>Chemistry of Materials</i> , 2013, 25, 2610-2617.	6.7	70

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19	Nanocrystalline carbonate-apatites: role of Ca/P ratio on the uptake and release of anticancer platinum bisphosphonates. <i>Nanoscale</i> , 2012, 4, 206-217.	5.6	68
20	Nanomedicine Approaches for the Pulmonary Treatment of Cystic Fibrosis. <i>Frontiers in Bioengineering and Biotechnology</i> , 2019, 7, 406.	4.1	65
21	Synergistic Release of Crop Nutrients and Stimulants from Hydroxyapatite Nanoparticles Functionalized with Humic Substances: Toward a Multifunctional Nanofertilizer. <i>ACS Omega</i> , 2020, 5, 6598-6610.	3.5	65
22	Biomimetic magnesium carbonate-apatite nanocrystals endowed with strontium ions as anti-osteoporotic trigger. <i>Materials Science and Engineering C</i> , 2014, 35, 212-219.	7.3	64
23	Synthetic Biomimetic Carbonate-Hydroxyapatite Nanocrystals for Enamel Remineralization. <i>Advanced Materials Research</i> , 0, 47-50, 821-824.	0.3	61
24	Superparamagnetic iron-doped nanocrystalline apatite as a delivery system for doxorubicin. <i>Journal of Materials Chemistry B</i> , 2016, 4, 57-70.	5.8	61
25	Evolving application of biomimetic nanostructured hydroxyapatite. <i>Nanotechnology, Science and Applications</i> , 2010, 3, 107.	4.6	60
26	Crystallization of citrate-stabilized amorphous calcium phosphate to nanocrystalline apatite: a surface-mediated transformation. <i>CrystEngComm</i> , 2016, 18, 3170-3173.	2.6	60
27	Fe-Doping-Induced Magnetism in Nano-Hydroxyapatites. <i>Inorganic Chemistry</i> , 2017, 56, 4446-4458.	4.0	60
28	The growth mechanism of apatite nanocrystals assisted by citrate: relevance to bone biomineralization. <i>CrystEngComm</i> , 2015, 17, 507-511.	2.6	58
29	Silica xerogels and hydroxyapatite nanocrystals for the local delivery of platinum bisphosphonate complexes in the treatment of bone tumors: A mini-review. <i>Journal of Inorganic Biochemistry</i> , 2012, 117, 237-247.	3.5	56
30	Hydroxyapatite nanocrystals functionalized with alendronate as bioactive components for bone implant coatings to decrease osteoclastic activity. <i>Applied Surface Science</i> , 2015, 328, 516-524.	6.1	55
31	Biomimetic Carbonate Hydroxyapatite Nanocrystals Prepared by Vapor Diffusion. <i>Advanced Engineering Materials</i> , 2010, 12, B218.	3.5	52
32	Adsorption and spectroscopic characterization of lactoferrin on hydroxyapatite nanocrystals. <i>Dalton Transactions</i> , 2011, 40, 820-827.	3.3	51
33	On the use of superparamagnetic hydroxyapatite nanoparticles as an agent for magnetic and nuclear in vivo imaging. <i>Acta Biomaterialia</i> , 2018, 73, 458-469.	8.3	49
34	Conjugation of hydroxyapatite nanocrystals with human immunoglobulin G for nanomedical applications. <i>Colloids and Surfaces B: Biointerfaces</i> , 2012, 90, 1-7.	5.0	48
35	Synthesis and Preliminary <i>in Vivo</i> Evaluation of Well-Dispersed Biomimetic Nanocrystalline Apatites Labeled with Positron Emission Tomographic Imaging Agents. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 10623-10633.	8.0	42
36	Synthetic chrysotile nanocrystals as a reference standard to investigate surface-induced serum albumin structural modifications. <i>Journal of Colloid and Interface Science</i> , 2007, 314, 389-397.	9.4	41

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37	Conformational modifications of serum albumins adsorbed on different kinds of biomimetic hydroxyapatite nanocrystals. <i>Colloids and Surfaces B: Biointerfaces</i> , 2010, 81, 274-284.	5.0	41
38	Amino Acidic Control of Calcium Phosphate Precipitation by Using the Vapor Diffusion Method in Microdroplets. <i>Crystal Growth and Design</i> , 2011, 11, 4802-4809.	3.0	41
39	Electrostatic Spray Deposition of Biomimetic Nanocrystalline Apatite Coatings onto Titanium. <i>Advanced Engineering Materials</i> , 2012, 14, B13.	3.5	40
40	Silica Gel Template for Calcium Phosphates Crystallization. <i>Crystal Growth and Design</i> , 2009, 9, 4912-4921.	3.0	39
41	Bisphosphonate-Functionalized Imaging Agents, Anti-Tumor Agents and Nanocarriers for Treatment of Bone Cancer. <i>Advanced Healthcare Materials</i> , 2017, 6, 1601119.	7.6	39
42	Fabrication and Pilot In Vivo Study of a Collagen-BDDGE-Elastin Core-Shell Scaffold for Tendon Regeneration. <i>Frontiers in Bioengineering and Biotechnology</i> , 2016, 4, 52.	4.1	38
43	Strontium doped calcium phosphate coatings on poly(etheretherketone) (PEEK) by pulsed electron deposition. <i>Surface and Coatings Technology</i> , 2017, 319, 191-199.	4.8	38
44	Electrospun Nanostructured Fibers of Collagen-Biomimetic Apatite on Titanium Alloy. <i>Bioinorganic Chemistry and Applications</i> , 2012, 2012, 1-8.	4.1	36
45	Calcium phosphate-based nanosystems for advanced targeted nanomedicine. <i>Drug Development and Industrial Pharmacy</i> , 2018, 44, 1223-1238.	2.0	35
46	Magnetic calcium phosphates nanocomposites for the intracellular hyperthermia of cancers of bone and brain. <i>Nanomedicine</i> , 2019, 14, 1267-1289.	3.3	35
47	Magnetic Labelling of Mesenchymal Stem Cells with Iron-Doped Hydroxyapatite Nanoparticles as Tool for Cell Therapy. <i>Journal of Biomedical Nanotechnology</i> , 2016, 12, 909-921.	1.1	34
48	Effect of hydroxyapatite nanocrystals functionalized with lactoferrin in osteogenic differentiation of mesenchymal stem cells. <i>Journal of Biomedical Materials Research - Part A</i> , 2015, 103, 224-234.	4.0	33
49	Biomimetic mineralization of recombinant collagen type I derived protein to obtain hybrid matrices for bone regeneration. <i>Journal of Structural Biology</i> , 2016, 196, 138-146.	2.8	33
50	Bioinspired Citrate-Apatite Nanocrystals Doped with Divalent Transition Metal Ions. <i>Crystal Growth and Design</i> , 2016, 16, 145-153.	3.0	32
51	The Remineralizing Effect of Carbonate-Hydroxyapatite Nanocrystals on Dentine. <i>Materials Science Forum</i> , 2007, 539-543, 602-605.	0.3	30
52	On the surface effects of citrates on nano-apatites: evidence of a decreased hydrophilicity. <i>Scientific Reports</i> , 2017, 7, 8901.	3.3	29
53	Cardiovascular nanomedicine: the route ahead. <i>Nanomedicine</i> , 2019, 14, 2391-2394.	3.3	29
54	Platinum-loaded, selenium-doped hydroxyapatite nanoparticles selectively reduce proliferation of prostate and breast cancer cells co-cultured in the presence of stem cells. <i>Journal of Materials Chemistry B</i> , 2020, 8, 2792-2804.	5.8	29

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55	A Step toward Control of the Surface Structure of Biomimetic Hydroxyapatite Nanoparticles: Effect of Carboxylates on the {010} P-Rich/Ca-Rich Facets Ratio. <i>Journal of Physical Chemistry C</i> , 2015, 119, 5928-5937.	3.1	26
56	Tough and adhesive nanostructured calcium phosphate thin films deposited by the pulsed plasma deposition method. <i>RSC Advances</i> , 2015, 5, 78561-78571.	3.6	26
57	Mussel Shell-Derived Macroporous 3D Scaffold: Characterization and Optimization Study of a Bioceramic from the Circular Economy. <i>Marine Drugs</i> , 2020, 18, 309.	4.6	26
58	Selenium-doped hydroxyapatite nanoparticles for potential application in bone tumor therapy. <i>Journal of Inorganic Biochemistry</i> , 2021, 215, 111334.	3.5	26
59	Preparation of injectable auto-forming alginate gel containing simvastatin with amorphous calcium phosphate as a controlled release medium and their therapeutic effect in osteoporosis model rat. <i>Journal of Materials Science: Materials in Medicine</i> , 2012, 23, 1291-1297.	3.6	25
60	The binding of CNA35 contrast agents to collagen fibrils. <i>Chemical Communications</i> , 2011, 47, 1503-1505.	4.1	24
61	Controlled Release of Chemotherapeutic Platinum-Bisphosphonate Complexes from Injectable Calcium Phosphate Cements. <i>Tissue Engineering - Part A</i> , 2016, 22, 788-800.	3.1	24
62	Bio-inspired assembling/mineralization process as a flexible approach to develop new smart scaffolds for the regeneration of complex anatomical regions. <i>Journal of the European Ceramic Society</i> , 2016, 36, 2857-2867.	5.7	24
63	Interaction of Folic Acid with Nanocrystalline Apatites and Extension to Methotrexate (Antifolate) in View of Anticancer Applications. <i>Langmuir</i> , 2018, 34, 12036-12048.	3.5	24
64	The Use of Calcium Phosphates in Cosmetics, State of the Art and Future Perspectives. <i>Materials</i> , 2021, 14, 6398.	2.9	24
65	Coupling Hydroxyapatite Nanocrystals with Lactoferrin as a Promising Strategy to Fine Regulate Bone Homeostasis. <i>PLoS ONE</i> , 2015, 10, e0132633.	2.5	23
66	Nanotechnology support the next agricultural revolution: Perspectives to enhancement of nutrient use efficiency. <i>Advances in Agronomy</i> , 2020, 161, 27-116.	5.2	23
67	The Cooperative Effect of Size and Crystallinity Degree on the Resorption of Biomimetic Hydroxyapatite for Soft Tissue Augmentation. <i>International Journal of Artificial Organs</i> , 2010, 33, 765-774.	1.4	21
68	Characterization of a Toothpaste Containing Bioactive Hydroxyapatites and In Vitro Evaluation of Its Efficacy to Remineralize Enamel and to Occlude Dentinal Tubules. <i>Materials</i> , 2020, 13, 2928.	2.9	21
69	Electrospun Collagen Mimicking the Reconstituted Extracellular Matrix Improves Osteoblastic Differentiation Onto Titanium Surfaces. <i>Journal of Nanoscience and Nanotechnology</i> , 2013, 13, 4720-4726.	0.9	20
70	Luminescent calcium phosphate bioceramics doped with europium derived from fish industry byproducts. <i>Journal of the American Ceramic Society</i> , 2017, 100, 3402-3414.	3.8	19
71	A combined low-frequency electromagnetic and fluidic stimulation for a controlled drug release from superparamagnetic calcium phosphate nanoparticles: potential application for cardiovascular diseases. <i>Journal of the Royal Society Interface</i> , 2018, 15, 20180236.	3.4	19
72	A sustainable multi-function biomorphic material for pollution remediation or UV absorption: Aerosol assisted preparation of highly porous ZnO-based materials from cork templates. <i>Journal of Environmental Chemical Engineering</i> , 2019, 7, 102936.	6.7	19

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73	Calorimetric and Raman investigation of cow's milk lactoferrin. <i>Journal of Thermal Analysis and Calorimetry</i> , 2011, 103, 41-47.	3.6	18
74	Preparation of core-shell poly(l-lactic) acid-nanocrystalline apatite hollow microspheres for bone repairing applications. <i>Journal of Materials Science: Materials in Medicine</i> , 2012, 23, 2659-2669.	3.6	18
75	Thermal crystallization of amorphous calcium phosphate combined with citrate and fluoride doping: a novel route to produce hydroxyapatite bioceramics. <i>Journal of Materials Chemistry B</i> , 2021, 9, 4832-4845.	5.8	18
76	Dental tissue remineralization by bioactive calcium phosphate nanoparticles formulations. <i>Scientific Reports</i> , 2022, 12, 5994.	3.3	18
77	Formation of calcium phosphates by vapour diffusion in highly concentrated ionic microdroplets. <i>Crystal Research and Technology</i> , 2011, 46, 841-846.	1.3	16
78	Combined Effect of Citrate and Fluoride Ions on Hydroxyapatite Nanoparticles. <i>Crystal Growth and Design</i> , 2020, 20, 3163-3172.	3.0	16
79	Targeting of radioactive platinum-bisphosphonate anticancer drugs to bone of high metabolic activity. <i>Scientific Reports</i> , 2020, 10, 5889.	3.3	15
80	Thermal conversion of fish bones into fertilizers and biostimulants for plant growth – A low tech valorization process for the development of circular economy in least developed countries. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 104815.	6.7	15
81	A combined additive layer manufacturing / indirect replication method to prototype 3D vascular-like structures of soft tissue and endocrine organs. <i>Virtual and Physical Prototyping</i> , 2012, 7, 3-11.	10.4	14
82	Extraction and characterization of hydroxyapatite-based materials from grey triggerfish skin and black scabbardfish bones. <i>International Journal of Applied Ceramic Technology</i> , 2021, 18, 235-243.	2.1	14
83	Types of ceramics. , 2017, , 21-82.		13
84	Preclinical evaluation of platinum-loaded hydroxyapatite nanoparticles in an embryonic zebrafish xenograft model. <i>Nanoscale</i> , 2020, 12, 13582-13594.	5.6	13
85	Inhalable Microparticles Embedding Calcium Phosphate Nanoparticles for Heart Targeting: The Formulation Experimental Design. <i>Pharmaceutics</i> , 2021, 13, 1825.	4.5	13
86	Polyester fibers can be rendered calcium phosphate-binding by surface functionalization with bisphosphonate groups. <i>Journal of Biomedical Materials Research - Part A</i> , 2017, 105, 2335-2342.	4.0	12
87	The Effect of the Repression of Oxidative Stress on Tenocyte Differentiation: A Preliminary Study of a Rat Cell Model Using a Novel Differential Tensile Strain Bioreactor. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3437.	4.1	12
88	Bone tumor-targeted delivery of theranostic ^{195m} Pt-bisphosphonate complexes promotes killing of metastatic tumor cells. <i>Materials Today Bio</i> , 2021, 9, 100088.	5.5	12
89	Calcium Phosphate Particles Coated with Humic Substances: A Potential Plant Biostimulant from Circular Economy. <i>Molecules</i> , 2021, 26, 2810.	3.8	12
90	Bioinspired crystallization, sensitized luminescence and cytocompatibility of citrate-functionalized Ca-substituted europium phosphate monohydrate nanophosphors. <i>Journal of Colloid and Interface Science</i> , 2019, 538, 174-186.	9.4	11

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91	Calcium Phosphate Nanoparticle Precipitation by a Continuous Flow Process: A Design of Experiment Approach. <i>Crystals</i> , 2020, 10, 953.	2.2	11
92	DSC and Raman study on the interaction of DDT [1,1,1-trichloro-2,2-bis(p-chlorophenyl)-ethane] with liposomal phospholipids. <i>Pesticide Biochemistry and Physiology</i> , 2008, 92, 144-149.	3.6	10
93	Role of citrate in the formation of enamel-like calcium phosphate oriented nanorod arrays. <i>CrystEngComm</i> , 2019, 21, 4684-4689.	2.6	10
94	Antimicrobial Activity of Remineralizing Ion-Doped Amorphous Calcium Phosphates for Preventive Dentistry. <i>Frontiers in Materials</i> , 2022, 9, .	2.4	10
95	Controlled release of vancomycin from cross-linked gelatine. <i>Journal of Materials Science: Materials in Medicine</i> , 2008, 19, 1325-1334.	3.6	9
96	pH-responsive collagen fibrillogenesis in confined droplets induced by vapour diffusion. <i>Journal of Materials Science: Materials in Medicine</i> , 2014, 25, 2305-2312.	3.6	9
97	Superparamagnetic hybrid microspheres affecting osteoblasts behaviour. <i>Materials Science and Engineering C</i> , 2019, 96, 234-247.	7.3	9
98	Nano-miR-133a Replacement Therapy Blunts Pressure Overload-Induced Heart Failure. <i>Circulation</i> , 2021, 144, 1973-1976.	1.6	9
99	Bio-inspired citrate-functionalized apatite thin films crystallized on Ti-4V implants pre-coated with corrosion resistant layers. <i>Journal of Inorganic Biochemistry</i> , 2013, 127, 261-268.	3.5	8
100	Dual-functionalisation of gelatine nanoparticles with an anticancer platinum-bisphosphonate complex and mineral-binding alendronate. <i>RSC Advances</i> , 2016, 6, 113025-113037.	3.6	8
101	Bioinspired Mineralization of Type I Collagen Fibrils with Apatite in Presence of Citrate and Europium Ions. <i>Crystals</i> , 2019, 9, 13.	2.2	8
102	Growth on poly(L-lactic acid) porous scaffold preserves CD73 and CD90 immunophenotype markers of rat bone marrow mesenchymal stromal cells. <i>Journal of Materials Science: Materials in Medicine</i> , 2014, 25, 2421-2436.	3.6	7
103	Targeted and theranostic applications for nanotechnologies in medicine. , 2018, , 399-511.		7
104	Nanotechnological approach and bio-inspired materials to face degenerative diseases in aging. <i>Aging Clinical and Experimental Research</i> , 2021, 33, 805-821.	2.9	7
105	Role of Maturation Temperature on Structural Substitution of Carbonate in Hydroxyapatite Nanoparticles. <i>Jom</i> , 2021, 73, 1044-1052.	1.9	7
106	Calcium Phosphate Surface Tailoring Technologies for Drug Delivering and Tissue Engineering. , 2012, , 43-111.		7
107	Functionalized nanomaterials for diagnosis and therapy of cancer. <i>Journal of Applied Biomaterials and Biomechanics</i> , 2009, 7, 77-89.	0.4	7
108	Luminescent Citrate-Functionalized Terbium-Substituted Carbonated Apatite Nanomaterials: Structural Aspects, Sensitized Luminescence, Cytocompatibility, and Cell Uptake Imaging. <i>Nanomaterials</i> , 2022, 12, 1257.	4.1	7

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109	The effect of chemical structure of carboxylate molecules on hydroxyapatite nanoparticles. A structural and morphological study. <i>Bioactive Materials</i> , 2021, 6, 2360-2371.	15.6	6
110	Amorphous calcium phosphate, the lack of order is an abundance of possibilities. <i>Biomaterials and Biosystems</i> , 2022, 5, 100037.	2.2	6
111	The cooperative effect of size and crystallinity degree on the resorption of biomimetic hydroxyapatite for soft tissue augmentation. <i>International Journal of Artificial Organs</i> , 2010, 33, 765-74.	1.4	6
112	Surface and structural characterization of Cu-exchanged hydroxyapatites and their application in H2O2 electrocatalytic reduction. <i>Applied Surface Science</i> , 2022, 595, 153495.	6.1	6
113	Adsorption of Alendronate onto Biomimetic Apatite Nanocrystals to Develop Drug Carrier Coating for Bone Implants. <i>Key Engineering Materials</i> , 0, 529-530, 475-479.	0.4	5
114	Biocompatible antimicrobial colistin loaded calcium phosphate nanoparticles for the counteraction of biofilm formation in cystic fibrosis related infections. <i>Journal of Inorganic Biochemistry</i> , 2022, 230, 111751.	3.5	5
115	Hydroxyapatite: From Nanocrystals to Hybrid Nanocomposites for Regenerative Medicine. , 2016, , 119-144.		4
116	Magnetic core-shell nanoparticles. , 2018, , 259-296.		4
117	Introducing biomaterials for tissue repair and regeneration. , 2020, , 1-27.		4
118	Nature-Inspired Nanotechnology and Smart Magnetic Activation: Two Groundbreaking Approaches Toward a New Generation of Biomaterials for Hard Tissue Regeneration. , 2016, , .		3
119	Inorganic nanoparticles for theranostic use. , 2018, , 351-376.		3
120	Tissue engineering and biomimetics with bioceramics. , 2017, , 407-432.		2
121	Bioceramics in Regenerative Medicine. , 2021, , 601-613.		2
122	The Biomimetic Approach to Design Apatites for Nanobiotechnological Applications. , 0, , .		1
123	Development of a Targeted Drug Delivery System: Monoclonal Antibodies Adsorption onto Bonelike Hydroxyapatite Nanocrystal Surface. <i>Advanced Materials Research</i> , 0, 409, 175-180.	0.3	1
124	Fully Biodegradable Magnetic Micro-Nanoparticles: A New Platform for Tissue Regeneration and Theranostic. , 2013, , .		1
125	Optimization of In Vivo Studies by Combining Planar Dynamic and Tomographic Imaging: Workflow Evaluation on a Superparamagnetic Nanoparticles System. <i>Molecular Imaging</i> , 2021, 2021, 6677847.	1.4	1
126	Hydroxyapatite: From Nanocrystals to Hybrid Nanocomposites for Regenerative Medicine. , 2015, , 1-26.		1

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127	Microbial Volatile Organic Compound (VOC)-Driven Dissolution and Surface Modification of Phosphorus-Containing Soil Minerals for Plant Nutrition: An Indirect Route for VOC-Based Plant-Microbe Communications. Journal of Agricultural and Food Chemistry, 2021, 69, 14478-14487.	5.2	1
128	Remote Control of Cell Behaviour Through an External Magnetic Field as Tool for Nanomedicine Applications. , 2013, , .		0
129	Vibrational Spectroscopies for Surface Characterization of Biomaterials. , 2012, , 130-152.		0