

Toshiyuki Ikoma

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8690942/publications.pdf>

Version: 2024-02-01

129
papers

5,128
citations

109321

35
h-index

98798

67
g-index

131
all docs

131
docs citations

131
times ranked

6679
citing authors

#	ARTICLE	IF	CITATIONS
1	Rattle-Type Fe ₃ O ₄ @SiO ₂ Hollow Mesoporous Spheres as Carriers for Drug Delivery. <i>Small</i> , 2010, 6, 471-478.	10.0	361
2	Physical properties of type I collagen extracted from fish scales of <i>Pagrus major</i> and <i>Oreochromis niloticus</i> . <i>International Journal of Biological Macromolecules</i> , 2003, 32, 199-204.	7.5	320
3	Dextran templating for the synthesis of metallic and metal oxide sponges. <i>Nature Materials</i> , 2003, 2, 386-390.	27.5	300
4	Microstructure, mechanical, and biomimetic properties of fish scales from <i>Pagrus major</i> . <i>Journal of Structural Biology</i> , 2003, 142, 327-333.	2.8	264
5	Biomimetic synthesis of bone-like nanocomposites using the self-organization mechanism of hydroxyapatite and collagen. <i>Composites Science and Technology</i> , 2004, 64, 819-825.	7.8	248
6	An Efficient Route to Rattle-Type Fe ₃ O ₄ @SiO ₂ Hollow Mesoporous Spheres Using Colloidal Carbon Spheres Templates. <i>Chemistry of Materials</i> , 2009, 21, 2547-2553.	6.7	235
7	Injectable porous hydroxyapatite microparticles as a new carrier for protein and lipophilic drugs. <i>Journal of Controlled Release</i> , 2006, 110, 260-265.	9.9	163
8	Collagen Scaffolds in Cartilage Tissue Engineering and Relevant Approaches for Future Development. <i>Tissue Engineering and Regenerative Medicine</i> , 2018, 15, 673-697.	3.7	149
9	Title is missing!. <i>Journal of Materials Science Letters</i> , 2001, 20, 1199-1201.	0.5	101
10	Control of pore structure and mechanical property in hydroxyapatite/collagen composite using unidirectional ice growth. <i>Materials Letters</i> , 2006, 60, 999-1002.	2.6	101
11	Preparation and Structure Refinement of Monoclinic Hydroxyapatite. <i>Journal of Solid State Chemistry</i> , 1999, 144, 272-276.	2.9	98
12	Magnetic SBA-15/poly(N-isopropylacrylamide) composite: Preparation, characterization and temperature-responsive drug release property. <i>Microporous and Mesoporous Materials</i> , 2009, 123, 107-112.	4.4	94
13	Fabrication of hydroxyapatite ultra-thin layer on gold surface and its application for quartz crystal microbalance technique. <i>Biomaterials</i> , 2006, 27, 5748-5754.	11.4	86
14	Microstructures and rheological properties of tilapia fish-scale collagen hydrogels with aligned fibrils fabricated under magnetic fields. <i>Acta Biomaterialia</i> , 2011, 7, 644-652.	8.3	79
15	Hafnium-doped hydroxyapatite nanoparticles with ionizing radiation for lung cancer treatment. <i>Acta Biomaterialia</i> , 2016, 37, 165-173.	8.3	76
16	In Vivo Biological Responses and Bioresorption of Tilapia Scale Collagen as a Potential Biomaterial. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2009, 20, 1353-1368.	3.5	73
17	Fabrication and mechanical and tissue ingrowth properties of unidirectionally porous hydroxyapatite/collagen composite. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2007, 80B, 166-173.	3.4	67
18	Collagen immobilized PVA hydrogel-hydroxyapatite composites prepared by kneading methods as a material for peripheral cuff of artificial cornea. <i>Materials Science and Engineering C</i> , 2004, 24, 729-735.	7.3	58

#	ARTICLE	IF	CITATIONS
19	An improved method to prepare hyaluronic acid and type II collagen composite matrices. <i>Journal of Biomedical Materials Research Part B</i> , 2002, 61, 330-336.	3.1	55
20	Fabrication of Transparent Hydroxyapatite Sintered Body with High Crystal Orientation by Pulse Electric Current Sintering. <i>Journal of the American Ceramic Society</i> , 2005, 88, 243-245.	3.8	55
21	Surface plasmon resonance biosensor with high anti-fouling ability for the detection of cardiac marker troponin T. <i>Analytica Chimica Acta</i> , 2011, 703, 80-86.	5.4	52
22	Porous hydroxyapatite and biphasic calcium phosphate ceramics promote ectopic osteoblast differentiation from mesenchymal stem cells. <i>Science and Technology of Advanced Materials</i> , 2009, 10, 025003.	6.1	51
23	Rapid oriented fibril formation of fish scale collagen facilitates early osteoblastic differentiation of human mesenchymal stem cells. <i>Journal of Biomedical Materials Research - Part A</i> , 2015, 103, 2531-2539.	4.0	51
24	Control of surface morphology of ZnO by hydrochloric acid etching. <i>Thin Solid Films</i> , 2002, 411, 91-95.	1.8	50
25	Preparation and dielectric property of sintered monoclinic hydroxyapatite. <i>Journal of Materials Science Letters</i> , 1999, 18, 1225-1228.	0.5	49
26	Preparation and characterization of multilayered hydroxyapatite/silk fibroin film. <i>Journal of Bioscience and Bioengineering</i> , 2007, 103, 514-520.	2.2	49
27	Synthesis and luminescence properties of Eu(III)-doped nanoporous silica spheres. <i>Journal of Colloid and Interface Science</i> , 2011, 363, 456-464.	9.4	47
28	Novel Long-Term Immobilization Method for Radioactive Iodine-129 Using a Zeolite/Apatite Composite Sintered Body. <i>ACS Applied Materials & Interfaces</i> , 2009, 1, 1579-1584.	8.0	46
29	The cross-linkage effect of hydroxyapatite/collagen nanocomposites on a self-organization phenomenon. <i>Journal of Materials Science: Materials in Medicine</i> , 2002, 13, 993-997.	3.6	44
30	Crystal structure refinement of A-type carbonate apatite by X-ray powder diffraction. <i>Journal of Materials Science</i> , 2010, 45, 2419-2426.	3.7	44
31	Surface Structural Biomimetics and the Osteoinduction of Calcium Phosphate Biomaterials. <i>Journal of Nanoscience and Nanotechnology</i> , 2007, 7, 808-813.	0.9	43
32	Effect of Interfacial Proteins on Osteoblast-like Cell Adhesion to Hydroxyapatite Nanocrystals. <i>Langmuir</i> , 2011, 27, 7645-7653.	3.5	43
33	Preparation and mechanical property of core-shell type chitosan/calcium phosphate composite fiber. <i>Materials Science and Engineering C</i> , 2004, 24, 723-728.	7.3	40
34	Competitive adsorption of bovine serum albumin and lysozyme on characterized calcium phosphates by polyacrylamide gel electrophoresis method. <i>Journal of Materials Science: Materials in Medicine</i> , 2007, 18, 2243-2249.	3.6	39
35	Deposition of bone-like apatite on modified silk fibroin films from simulated body fluid. <i>Journal of Applied Polymer Science</i> , 2006, 99, 2822-2830.	2.6	37
36	Detection of Interfacial Phenomena with Osteoblast-like Cell Adhesion on Hydroxyapatite and Oxidized Polystyrene by the Quartz Crystal Microbalance with Dissipation. <i>Langmuir</i> , 2011, 27, 7635-7644.	3.5	36

#	ARTICLE	IF	CITATIONS
37	Construction and characterization of a tissue-engineered oral mucosa equivalent based on a chitosan-fish scale collagen composite. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2012, 100B, 1792-1802.	3.4	36
38	Preparation of Higher-Order Zeolite Materials by Using Dextran Templating. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 6691-6695.	13.8	35
39	Drug-Supported Microparticles of Calcium Carbonate Nanocrystals and Its Covering with Hydroxyapatite. <i>Journal of Nanoscience and Nanotechnology</i> , 2007, 7, 822-827.	0.9	34
40	Three-dimensional porous hydroxyapatite/collagen composite with rubber-like elasticity. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2007, 18, 393-409.	3.5	34
41	Nanocasting Route to Ordered Mesoporous Carbon with FePt Nanoparticles and Its Phenol Adsorption Property. <i>Journal of Physical Chemistry C</i> , 2009, 113, 5998-6002.	3.1	34
42	Reusable hydroxyapatite nanocrystal sensors for protein adsorption. <i>Science and Technology of Advanced Materials</i> , 2010, 11, 045002.	6.1	34
43	Fabrication, microstructure, and BMP-2 delivery of novel biodegradable and biocompatible silicate-collagen hybrid fibril sheets. <i>Journal of Materials Chemistry</i> , 2011, 21, 10942.	6.7	34
44	Minerals and Aligned Collagen Fibrils in Tilapia Fish Scales: Structural Analysis Using Dark-Field and Energy-Filtered Transmission Electron Microscopy and Electron Tomography. <i>Microscopy and Microanalysis</i> , 2011, 17, 788-798.	0.4	34
45	Phenotype and gene expression pattern of osteoblast-like cells cultured on polystyrene and hydroxyapatite with pre-adsorbed type-1 collagen. <i>Journal of Biomedical Materials Research - Part A</i> , 2007, 83A, 362-371.	4.0	32
46	Photoluminescence and doping mechanism of theranostic Eu ³⁺ /Fe ³⁺ dual-doped hydroxyapatite nanoparticles. <i>Science and Technology of Advanced Materials</i> , 2014, 15, 055005.	6.1	32
47	Chondrogenic differentiation of human mesenchymal stem cells on fish scale collagen. <i>Journal of Bioscience and Bioengineering</i> , 2016, 122, 219-225.	2.2	32
48	Hydrothermal Formation of Hydroxyapatite Layers on the Surface of Type-A Zeolite. <i>Journal of the American Ceramic Society</i> , 2004, 87, 1395-1397.	3.8	31
49	Synthesis of Luminescent Nanoporous Silica Spheres Functionalized with Folic Acid for Targeting to Cancer Cells. <i>Inorganic Chemistry</i> , 2014, 53, 6817-6827.	4.0	31
50	Protein Adsorption on Hydroxyapatite Nanosensors with Different Crystal Sizes Studied <i>In Situ</i> by a Quartz Crystal Microbalance with the Dissipation Method. <i>Journal of the American Ceramic Society</i> , 2009, 92, 1125-1128.	3.8	30
51	Interfacial Serum Protein Effect on Biological Apatite Growth. <i>Journal of Physical Chemistry C</i> , 2011, 115, 22523-22533.	3.1	29
52	Recent advances in bioprinting technologies for engineering different cartilage-based tissues. <i>Materials Science and Engineering C</i> , 2021, 123, 112005.	7.3	29
53	The densification of zeolite/apatite composites using a pulse electric current sintering method: A long-term assurance material for the disposal of radioactive waste. <i>Journal of the European Ceramic Society</i> , 2006, 26, 481-486.	5.7	28
54	Effect of collagen fibril formation on bioresorbability of hydroxyapatite/collagen composites. <i>Journal of Materials Science: Materials in Medicine</i> , 2007, 18, 2179-2183.	3.6	27

#	ARTICLE	IF	CITATIONS
55	Elemental distribution analysis of type I collagen fibrils in tilapia fish scale with energy-filtered transmission electron microscope. <i>Micron</i> , 2009, 40, 665-668.	2.2	27
56	Pre-adsorbed type-I collagen structure-dependent changes in osteoblastic phenotype. <i>Biochemical and Biophysical Research Communications</i> , 2006, 344, 1234-1240.	2.1	25
57	Efficient synthesis of Eu(III)-containing nanoporous silicas. <i>Materials Letters</i> , 2011, 65, 2287-2290.	2.6	24
58	Analytical Investigation of Protein Mediation Between Biomaterials and Cells. <i>Materials Express</i> , 2012, 2, 1-22.	0.5	24
59	Efficient incorporation of monomeric anthracene into nanoporous silica/surfactant nanocomposite spheres using a mechanochemical solid state reaction. <i>Journal of Materials Chemistry</i> , 2012, 22, 18741.	6.7	24
60	Type-A zeolites with hydroxyapatite surface layers formed by an ion exchange reaction. <i>Journal of the European Ceramic Society</i> , 2006, 26, 469-474.	5.7	23
61	Effects of increased collagen-matrix density on the mechanical properties and <i>in vivo</i> absorbability of hydroxyapatite-collagen composites as artificial bone materials. <i>Biomedical Materials (Bristol)</i> , 2011, 6, 015012.	3.3	23
62	Mechanochemical Fabrication of Carbon Fiber/Nylon-6 Composites with Interfacial Bondings. <i>Industrial & Engineering Chemistry Research</i> , 2013, 52, 2182-2189.	3.7	23
63	Porous fluorine-doped tin oxide as a promising substrate for electrochemical biosensors demonstration in hydrogen peroxide sensing. <i>Journal of Materials Chemistry B</i> , 2014, 2, 7779-7784.	5.8	23
64	Preferential Alignment of Hydroxyapatite Crystallites in Nanocomposites with Chemically Disintegrated Silk Fibroin. <i>Journal of Nanoparticle Research</i> , 2004, 6, 259-265.	1.9	22
65	Intraosseous delivery of paclitaxel-loaded hydroxyapatite-alginate composite beads delaying paralysis caused by metastatic spine cancer in rats. <i>Journal of Neurosurgery: Spine</i> , 2008, 9, 502-510.	1.7	22
66	Cell cycle and size sorting of mammalian cells using a microfluidic device. <i>Analytical Methods</i> , 2010, 2, 657.	2.7	22
67	Fetal bovine serum adsorption onto hydroxyapatite sensor monitoring by quartz crystal microbalance with dissipation technique. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2010, 173, 176-181.	3.5	21
68	Structural analysis of rattle-type hollow mesoporous silica spheres using electron tomography and energy filtered imaging. <i>Surface and Interface Analysis</i> , 2010, 42, 1548-1551.	1.8	21
69	Formation of Hydroxyapatite Nanocrystals on the Surface of Ca-Al Layered Double Hydroxide. <i>Journal of the American Ceramic Society</i> , 2010, 93, 1195-1200.	3.8	21
70	Preparation of a zeolite NaP1/hydroxyapatite nanocomposite and study of its behavior as inorganic fertilizer. <i>Journal of Chemical Technology and Biotechnology</i> , 2014, 89, 963-968.	3.2	21
71	A Collagen Sponge Incorporating a Hydroxyapatite/Chondroitinsulfate Composite as a Scaffold for Cartilage Tissue Engineering. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2009, 20, 1861-1874.	3.5	20
72	Immobilization of folic acid on Eu ³⁺ -doped nanoporous silica spheres. <i>Chemical Communications</i> , 2011, 47, 8430.	4.1	20

#	ARTICLE	IF	CITATIONS
73	Synthesis and characterization of Linde A zeolite coated with a layered double hydroxide. Journal of the European Ceramic Society, 2006, 26, 463-467.	5.7	18
74	Mechanochemical Preparation of 8-Hydroxyquinoline/Hydroxyapatite Hybrid Nanocrystals and Their Photofunctional Interfaces. Industrial & Engineering Chemistry Research, 2012, 51, 11294-11300.	3.7	18
75	Efficient Methane Conversion to Hydrogen by the Force-Activated Oxides on Iron Particle Surfaces. Journal of Physical Chemistry C, 2013, 117, 16104-16118.	3.1	18
76	Development of collagen condensation method to improve mechanical strength of tissue engineering scaffolds. Materials Characterization, 2010, 61, 907-911.	4.4	17
77	Competitive adsorption of fibronectin and albumin on hydroxyapatite nanocrystals. Science and Technology of Advanced Materials, 2011, 12, 034411.	6.1	17
78	Structural analysis of hydroxyapatite coating on magnetite nanoparticles using energy filter imaging and electron tomography. Journal of Electron Microscopy, 2010, 59, 173-179.	0.9	16
79	Synthesis of Nano-sized Boehmites for Optimum Phosphate Sorption. Separation Science and Technology, 2011, 46, 818-824.	2.5	16
80	<i>In vitro</i> formation and thermal transition of novel hybrid fibrils from type I fish scale collagen and type I porcine collagen. Science and Technology of Advanced Materials, 2010, 11, 035001.	6.1	15
81	A dewetting process to nano-pattern collagen on hydroxyapatite. Materials Letters, 2006, 60, 3647-3650.	2.6	14
82	BMP-2-loaded silica nanotube fibrous meshes for bone generation. Science and Technology of Advanced Materials, 2011, 12, 065003.	6.1	14
83	Nano/Microstructural Effect of Hydroxyapatite Nanocrystals on Hepatocyte Cell Aggregation and Adhesion. Macromolecular Bioscience, 2011, 11, 1586-1593.	4.1	14
84	ERK-Dependent Downregulation of Skp2 Reduces Myc Activity with HGF, Leading to Inhibition of Cell Proliferation through a Decrease in Id1 Expression. Molecular Cancer Research, 2013, 11, 1437-1447.	3.4	14
85	Thermal expansion of type A carbonate apatite. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2010, 173, 171-175.	3.5	13
86	Preparation of copper-graphite composite particles by milling process. Journal of Composite Materials, 2012, 46, 2829-2834.	2.4	13
87	Effective Functionalization of Disordered Oxide Lattices on Iron Particle Surfaces Using Mechanochemical Reactions. Journal of Physical Chemistry C, 2013, 117, 9908-9919.	3.1	13
88	Physical cues of biomaterials guide stem cell fate of differentiation: The effect of elasticity of cell culture biomaterials. Open Physics, 2018, 16, 943-955.	1.7	13
89	Increasing the Crystallinity of Hydroxyapatite Nanoparticles in Composites Containing Bioaffinitive Organic Polymers by Mechanical Stressing. Journal of the American Ceramic Society, 2004, 87, 1014-1017.	3.8	12
90	Cartilage regeneration using a porous scaffold, a collagen sponge incorporating a hydroxyapatite/chondroitin sulfate composite. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2010, 173, 204-207.	3.5	12

#	ARTICLE	IF	CITATIONS
91	Effect of enzymatically cross-linked tilapia scale collagen for osteoblastic differentiation of human mesenchymal stem cells. <i>Journal of Bioactive and Compatible Polymers</i> , 2016, 31, 31-41.	2.1	12
92	Synthesis and Characterization of Metal Ions Containing Hydroxyapatite Microparticles with High Specific Surface Area. <i>Journal of Nanoscience and Nanotechnology</i> , 2007, 7, 839-843.	0.9	11
93	Synthesis and osteo-compatibility of novel reduced graphene oxide-aminosilica hybrid nanosheets. <i>Materials Science and Engineering C</i> , 2016, 61, 251-256.	7.3	11
94	Preparation and Characterization of Hydroxyapatite/Collagen Nanocomposite Gel. <i>Journal of Nanoscience and Nanotechnology</i> , 2007, 7, 818-821.	0.9	10
95	Interfacial interaction of anesthetic lidocaine and mesoporous silica nanoparticles in aqueous solutions and its release properties. <i>Journal of Materials Chemistry B</i> , 2019, 7, 7026-7032.	5.8	10
96	Cross-linkage of hydroxyapatite/gelatin nanocomposite using EGDE. <i>Journal of Materials Science</i> , 2004, 39, 5547-5550.	3.7	9
97	Influence of gamma Irradiation on the Mechanical Strength and In Vitro Biodegradation of Porous Hydroxyapatite/Collagen Composite. <i>Journal of the American Ceramic Society</i> , 2006, 89, 060623005134013-???	3.8	7
98	Transfection efficiency for size-separated cells synchronized in cell cycle by microfluidic device. <i>Biomedical Microdevices</i> , 2011, 13, 725-729.	2.8	7
99	Mechanochemical fabrication of iron-graphite composites. <i>Journal of Composite Materials</i> , 2013, 47, 1241-1246.	2.4	7
100	In-Situ IR Spectral Measurement in Organic Matrix-Mediated Hydroxyapatite Formation. <i>Journal of the Ceramic Society of Japan</i> , 2005, 113, 112-115.	1.3	6
101	Fabrication of 3D Graphene and 3D Graphene Oxide Devices for Sensing VOCs. <i>MRS Advances</i> , 2016, 1, 1359-1364.	0.9	6
102	Hierarchical viscosity of aqueous solution of tilapia scale collagen investigated via dielectric spectroscopy between 500 MHz and 2.5 THz. <i>Scientific Reports</i> , 2017, 7, 45398.	3.3	6
103	In vivo osteoconductivity of surface modified Ti-29Nb-13Ta-4.6Zr alloy with low dissolution of toxic trace elements. <i>PLoS ONE</i> , 2018, 13, e0189967.	2.5	6
104	Magnetic Field Alignment, a Perspective in the Engineering of Collagen-Silica Composite Biomaterials. <i>Biomolecules</i> , 2021, 11, 749.	4.0	6
105	Effective Composite Preparation between Graphite and Iron Particles by the Interfacial Mediation of Force-Activated Oxygen Atoms. <i>Industrial & Engineering Chemistry Research</i> , 2014, 53, 16736-16753.	3.7	5
106	Preparation of γ -alumina powder and binder For 3D printer. <i>MRS Advances</i> , 2018, 3, 969-975.	0.9	5
107	Sustained Efficacy of Erythropoietin with a Hydroxyapatite Carrier Administered in Mice. <i>Journal of Veterinary Medical Science</i> , 2009, 71, 729-736.	0.9	4
108	Long-term immobilization of strontium ions using zeolite A/calcium phosphate nanocomposites. <i>Journal of the Ceramic Society of Japan</i> , 2010, 118, 1044-1049.	1.1	4

#	ARTICLE	IF	CITATIONS
109	Collagen and Hydroxyapatite Composite Membranes as Drug-Carrying Support for Biomedical Applications. <i>MRS Advances</i> , 2017, 2, 1083-1088.	0.9	4
110	Fabrication of mechanically robust bilayer membranes of hydroxyapatite/collagen composites. <i>Materials Letters</i> , 2021, 291, 129514.	2.6	4
111	Collagen Coating on Hydroxyapatite Surfaces Modified with Organosilane by Chemical Vapor Deposition Method. <i>Journal of Nanoscience and Nanotechnology</i> , 2007, 7, 833-838.	0.9	3
112	Amelioration of Anemia in the ICGN Mouse, a Renal Anemia Model, with a Subcutaneous Bolus Injection of Erythropoietin Adsorbed to Hydroxyapatite Matrix. <i>Journal of Veterinary Medical Science</i> , 2009, 71, 1365-1371.	0.9	3
113	In vivo Evaluation of a Novel Chitosan/ HAp Composite Biomaterial as a Carrier of rhBMP-2. <i>Journal of Hard Tissue Biology</i> , 2010, 19, 181-186.	0.4	3
114	Fabrication of continuous apatite-graded collagen sponges <i>via</i> electrolysis method. <i>Journal of Materials Chemistry B</i> , 2019, 7, 4040-4048.	5.8	3
115	Apatite Coating of Iron Oxide Nanoparticles by Alternate Addition of Calcium and Phosphate Solutions: A Calcium and Carboxylate (Ca-COO) Complex-Mediated Apatite Deposition. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2020, 30, 1132-1140.	3.7	3
116	<Original Article>Drug delivery and transmission of lidocaine using iontophoresis in combination with direct and alternating currents. <i>Journal of Medical and Dental Sciences</i> , 2016, 63, 71-77.	0.4	3
117	Cytotoxicity and Cancer Detection Ability of the Luminescent Nanoporous Silica Spheres Immobilized with Folic Acid Derivative. <i>Key Engineering Materials</i> , 0, 529-530, 630-635.	0.4	2
118	Fabrication of Three Different Types of Porous Carbonate-Substituted Apatite Ceramics for Artificial Bone. <i>Key Engineering Materials</i> , 0, 529-530, 143-146.	0.4	2
119	Calcium phosphate with high specific surface area synthesized by a reverse micro-emulsion method. <i>MRS Advances</i> , 2016, 1, 723-728.	0.9	2
120	Local administration and enhanced release of bone metabolic antibodies from hydroxyapatite/chondroitin sulfate nanocomposite microparticles using zinc cations. <i>Journal of Materials Chemistry B</i> , 2021, 9, 757-766.	5.8	2
121	Effects of hyaluronic acid on the rheological properties of zinc carboxylate gels. <i>Materials Science and Engineering C</i> , 2004, 24, 703-707.	7.3	1
122	Novel hydrogels composed of malic acid and zinc: their synthesis and characterization. <i>Journal of Non-Crystalline Solids</i> , 2004, 342, 125-131.	3.1	1
123	Investigation of Multilayered Protein Adsorption on Carbonate Apatite with a QCM Technique. <i>Key Engineering Materials</i> , 0, 529-530, 74-77.	0.4	1
124	Effects of Particle Sizes and Natural Polymers on Mechanical Properties of Alpha Tricalcium Phosphate Cements. <i>MRS Advances</i> , 2016, 1, 1277-1282.	0.9	1
125	Fabrication of hydroxyapatite microparticles including silver nano-dots at grain boundary for long-term antimicrobial property. <i>MRS Advances</i> , 2017, 2, 1285-1290.	0.9	1
126	Interfacial Modeling of Fibrinogen Adsorption onto LiNbO ₃ Single Crystal "Single Domain Surfaces. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5946.	4.1	1

#	ARTICLE	IF	CITATIONS
127	Electrolytic Deposition of Calcium Phosphates Films on Nitinol Stents. Key Engineering Materials, 0, 529-530, 243-246.	0.4	0
128	Application of a Quartz Crystal Microbalance with Dissipation for In Situ Monitoring of Interfacial Phenomena between Bioceramics and Cells. , 2013, , 557-575.		0
129	Three-Dimensionally Extended Host Electrodes for Biosensor Applications. ChemElectroChem, 2016, 3, 552-557.	3.4	0