

Ying-Jie Zhu

List of Publications by Year in descending order

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193
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all docs

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docs citations

197
times ranked

11998
citing authors

#	ARTICLE	IF	CITATIONS
1	Microwave synthesis of nanomaterials. , 2023, , 48-63.		1
2	Tree-Inspired Ultralong Hydroxyapatite Nanowires-Based Multifunctional Aerogel with Vertically Aligned Channels for Continuous Flow Catalysis, Water Disinfection, and Solar Energy-Driven Water Purification. <i>Advanced Functional Materials</i> , 2022, 32, 2106978.	7.8	58
3	A scalable, low-cost and green strategy for the synthesis of ultralong hydroxyapatite nanowires using peanut oil. <i>CrystEngComm</i> , 2022, 24, 3208-3216.	1.3	3
4	Multifunctional Photocatalytic Filter Paper Based on Ultralong Nanowires of the Calcium-Alendronate Complex for High-Performance Water Purification. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 9464-9479.	4.0	7
5	Biopaper Based on Ultralong Hydroxyapatite Nanowires and Cellulose Fibers Promotes Skin Wound Healing by Inducing Angiogenesis. <i>Coatings</i> , 2022, 12, 479.	1.2	5
6	Flexible photothermal biopaper comprising Cu ²⁺ -doped ultralong hydroxyapatite nanowires and black phosphorus nanosheets for accelerated healing of infected wound. <i>Chemical Engineering Journal</i> , 2022, 437, 135347.	6.6	20
7	Flexible nanocomposite paper with superior fire retardance, mechanical properties and electrical insulation by engineering ultralong hydroxyapatite nanowires and aramid nanofibers. <i>Chemical Engineering Journal</i> , 2022, 444, 136470.	6.6	24
8	Graphene oxide/polyethyleneimine/hydroxyapatite nanowire composite paper: Unexpected mechanical robustness after fire attacking and fire alarm application. <i>Composites Part A: Applied Science and Manufacturing</i> , 2022, 160, 107061.	3.8	18
9	Nanowires: Synthesis and Energy/Environmental Applications. <i>Energy and Environmental Materials</i> , 2021, 4, 544-561.	7.3	21
10	Highly porous and elastic aerogel based on ultralong hydroxyapatite nanowires for high-performance bone regeneration and neovascularization. <i>Journal of Materials Chemistry B</i> , 2021, 9, 1277-1287.	2.9	33
11	Customized Cellulose Fiber Paper Enabled by an <i>In Situ</i> Growth of Ultralong Hydroxyapatite Nanowires. <i>ACS Nano</i> , 2021, 15, 5355-5365.	7.3	42
12	In vivo behaviors of highly flexible paper consisting of ultralong hydroxyapatite nanowires. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2021, 109, 1611-1621.	1.6	7
13	Bioinspired flexible, high-strength, and versatile hydrogel with the fiberboard-and-mortar hierarchically ordered structure. <i>Nano Research</i> , 2021, 14, 3643-3652.	5.8	21
14	Multifunctional Fire-Resistant Paper Based on Ultralong Hydroxyapatite Nanowires. <i>Chinese Journal of Chemistry</i> , 2021, 39, 2296-2314.	2.6	20
15	Upcycling of heavy metal adsorbents into sulfide semiconductors for photocatalytic CO ₂ reduction. <i>Applied Surface Science</i> , 2021, 558, 149647.	3.1	11
16	Amorphous calcium phosphate nanoparticles using adenosine triphosphate as an organic phosphorus source for promoting tendon bone healing. <i>Journal of Nanobiotechnology</i> , 2021, 19, 270.	4.2	10
17	Acid/Alkali-Proof Fire-Resistant Inorganic Paper Comprising Fibers Assembled from Barium Sulfate Nanorods. <i>European Journal of Inorganic Chemistry</i> , 2021, 2021, 492-499.	1.0	2
18	Light-Operated Dual-Mode Propulsion at the Liquid/Air Interface Using Flexible, Superhydrophobic, and Thermally Stable Photothermal Paper. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 1339-1347.	4.0	38

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19	Biodegradable Inorganic Nanostructured Biomaterials for Drug Delivery. <i>Advanced Materials Interfaces</i> , 2020, 7, 2000819.	1.9	66
20	Flexible Salt-Rejecting Photothermal Paper Based on Reduced Graphene Oxide and Hydroxyapatite Nanowires for High-Efficiency Solar Energy-Driven Vapor Generation and Stable Desalination. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 32556-32565.	4.0	95
21	Fire-Retardant Paper with Ultrahigh Smoothness and Glossiness. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 17500-17507.	3.2	12
22	Frontispiece: Liquid-Phase Synthesis of Iron Oxide Nanostructured Materials and Their Applications. <i>Chemistry - A European Journal</i> , 2020, 26, .	1.7	0
23	Behavior of 4 types of paper with printed QR codes for evaluating denture marking in conditions of extreme heat. <i>Journal of Prosthetic Dentistry</i> , 2020, , .	1.1	2
24	Bioinspired fiberboard-and-mortar structural nanocomposite based on ultralong hydroxyapatite nanowires with high mechanical performance. <i>Chemical Engineering Journal</i> , 2020, 399, 125666.	6.6	18
25	Tracking the interaction of drug molecules with individual mesoporous amorphous calcium phosphate/ATP nanocomposites â€” an X-ray spectromicroscopy study. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 13108-13117.	1.3	5
26	Ultrasound-assisted synthesis of nanocrystallized silicocarnotite biomaterial with improved sinterability and osteogenic activity. <i>Journal of Materials Chemistry B</i> , 2020, 8, 3092-3103.	2.9	9
27	A salt-resistant Janus evaporator assembled from ultralong hydroxyapatite nanowires and nickel oxide for efficient and recyclable solar desalination. <i>Nanoscale</i> , 2020, 12, 6717-6728.	2.8	72
28	Liquid-Phase Synthesis of Iron Oxide Nanostructured Materials and Their Applications. <i>Chemistry - A European Journal</i> , 2020, 26, 9180-9205.	1.7	13
29	A new kind of filter paper comprising ultralong hydroxyapatite nanowires and double metal oxide nanosheets for high-performance dye separation. <i>Journal of Colloid and Interface Science</i> , 2020, 575, 78-87.	5.0	21
30	Nanostructured Calcium-based Biomaterials and their Application in Drug Delivery. <i>Current Medicinal Chemistry</i> , 2020, 27, 5189-5212.	1.2	11
31	Superhydrophobic Photothermal Paper Based on Ultralong Hydroxyapatite Nanowires for Controllable Light-Driven Self-Propelled Motion. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 13226-13235.	3.2	41
32	Fire-Retardant and High-Temperature-Resistant Label Paper and Its Potential Applications. <i>ChemNanoMat</i> , 2019, 5, 1418-1427.	1.5	13
33	Nanofiltration Filter Paper Based on Ultralong Hydroxyapatite Nanowires and Cellulose Fibers/Nanofibers. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 17198-17209.	3.2	30
34	Thermally Durable Lithium-Ion Capacitors with High Energy Density from All Hydroxyapatite Nanowire-Enabled Fire-Resistant Electrodes and Separators. <i>Advanced Energy Materials</i> , 2019, 9, 1902497.	10.2	34
35	Selenium-doped hydroxyapatite biopapers with an anti-bone tumor effect by inducing apoptosis. <i>Biomaterials Science</i> , 2019, 7, 5044-5053.	2.6	26
36	Deformable Biomaterials Based on Ultralong Hydroxyapatite Nanowires. <i>ACS Biomaterials Science and Engineering</i> , 2019, 5, 4951-4961.	2.6	29

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37	Ultrahigh-Capacity and Fire-Resistant LiFePO ₄ -Based Composite Cathodes for Advanced Lithium-Ion Batteries. <i>Advanced Energy Materials</i> , 2019, 9, 1802930.	10.2	114
38	Secret Paper with Vinegar as an Invisible Security Ink and Fire as a Decryption Key for Information Protection. <i>Chemistry - A European Journal</i> , 2019, 25, 10918-10925.	1.7	11
39	Self-floating aerogel composed of carbon nanotubes and ultralong hydroxyapatite nanowires for highly efficient solar energy-assisted water purification. <i>Carbon</i> , 2019, 150, 233-243.	5.4	85
40	Biomolecule-assisted green synthesis of nanostructured calcium phosphates and their biomedical applications. <i>Chemical Society Reviews</i> , 2019, 48, 2698-2737.	18.7	131
41	Portable and writable photoluminescent chalk for on-site information protection on arbitrary substrates. <i>Chemical Engineering Journal</i> , 2019, 369, 766-774.	6.6	19
42	Solvothermal Growth of Ultralong Hydroxyapatite Nanowire Coating on Glass Substrate. <i>Chemistry Letters</i> , 2019, 48, 1462-1464.	0.7	4
43	A new kind of nanocomposite Xuan paper comprising ultralong hydroxyapatite nanowires and cellulose fibers with a unique ink wetting performance. <i>RSC Advances</i> , 2019, 9, 40750-40757.	1.7	6
44	Dental enamel-mimetic large-sized multi-scale ordered architecture built by a well controlled bottom-up strategy. <i>Chemical Engineering Journal</i> , 2019, 360, 1633-1645.	6.6	19
45	Ultralong Hydroxyapatite Nanowire-Based Filter Paper for High-Performance Water Purification. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 4288-4301.	4.0	49
46	Porous Nanocomposite Comprising Ultralong Hydroxyapatite Nanowires Decorated with Zinc-Containing Nanoparticles and Chitosan: Synthesis and Application in Bone Defect Repair. <i>Chemistry - A European Journal</i> , 2018, 24, 8809-8821.	1.7	35
47	Bioinspired Ultralight Inorganic Aerogel for Highly Efficient Air Filtration and Oil-Water Separation. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 13019-13027.	4.0	112
48	Highly efficient and environmentally friendly microwave-assisted hydrothermal rapid synthesis of ultralong hydroxyapatite nanowires. <i>Ceramics International</i> , 2018, 44, 12352-12356.	2.3	44
49	Binary Strengthening and Toughening of MXene/Cellulose Nanofiber Composite Paper with Nacre-Inspired Structure and Superior Electromagnetic Interference Shielding Properties. <i>ACS Nano</i> , 2018, 12, 4583-4593.	7.3	942
50	Ultralong hydroxyapatite nanowire-based layered catalytic paper for highly efficient continuous flow reactions. <i>Journal of Materials Chemistry A</i> , 2018, 6, 5762-5773.	5.2	41
51	Fire Alarm Wallpaper Based on Fire-Resistant Hydroxyapatite Nanowire Inorganic Paper and Graphene Oxide Thermosensitive Sensor. <i>ACS Nano</i> , 2018, 12, 3159-3171.	7.3	155
52	Low-Cost and Scaled-Up Production of Fluorine-Free, Substrate-Independent, Large-Area Superhydrophobic Coatings Based on Hydroxyapatite Nanowire Bundles. <i>Chemistry - A European Journal</i> , 2018, 24, 416-424.	1.7	18
53	Enzymatic Reaction Generates Biomimic Nanominerals with Superior Bioactivity. <i>Small</i> , 2018, 14, e1804321.	5.2	21
54	Bioinspired Macroscopic Ribbon Fibers with a Nacre-Mimetic Architecture Based on Highly Ordered Alignment of Ultralong Hydroxyapatite Nanowires. <i>ACS Nano</i> , 2018, 12, 12284-12295.	7.3	46

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55	Fire-Resistant Inorganic Analogous Xuan Paper with Thousands of Yearsâ€™ Super-Durability. ACS Sustainable Chemistry and Engineering, 2018, 6, 17239-17251.	3.2	36
56	Flexible Fire-Resistant Photothermal Paper Comprising Ultralong Hydroxyapatite Nanowires and Carbon Nanotubes for Solar Energy-Driven Water Purification. Small, 2018, 14, e1803387.	5.2	136
57	SiO ₂ -Enhanced Structural Stability and Strong Adhesion with a New Binder of Konjac Glucomannan Enables Stable Cycling of Silicon Anodes for Lithium-Ion Batteries. Advanced Energy Materials, 2018, 8, 1800434.	10.2	135
58	Biodegradable nanocomposite of glycerol citrate polyester and ultralong hydroxyapatite nanowires with improved mechanical properties and low acidity. Journal of Colloid and Interface Science, 2018, 530, 9-15.	5.0	19
59	Hydroxyapatite nanowire/collagen elastic porous nanocomposite and its enhanced performance in bone defect repair. RSC Advances, 2018, 8, 26218-26229.	1.7	36
60	Recyclable, Fire-Resistant, Superhydrophobic, and Magnetic Paper Based on Ultralong Hydroxyapatite Nanowires for Continuous Oil/Water Separation and Oil Collection. ACS Sustainable Chemistry and Engineering, 2018, 6, 10140-10150.	3.2	68
61	Antibacterial gluey silver-calcium phosphate composites for dentine remineralization. Journal of Materials Chemistry B, 2018, 6, 4985-4994.	2.9	10
62	Strontium-Doped Amorphous Calcium Phosphate Porous Microspheres Synthesized through a Microwave-Hydrothermal Method Using Fructose 1,6-Bisphosphate as an Organic Phosphorus Source: Application in Drug Delivery and Enhanced Bone Regeneration. ACS Applied Materials & Interfaces, 2017, 9, 3306-3317.	4.0	66
63	Ultralong Hydroxyapatite Nanowire/Collagen Biopaper with High Flexibility, Improved Mechanical Properties and Excellent Cellular Attachment. Chemistry - an Asian Journal, 2017, 12, 655-664.	1.7	41
64	Solvothermal synthesis of hydroxyapatite with various morphologies using trimethyl phosphate as organic phosphorus source. Materials Letters, 2017, 193, 165-168.	1.3	11
65	Hydroxyapatite nanorod-assembled hierarchical microflowers: rapid synthesis via microwave hydrothermal transformation of CaHPO ₄ and their application in protein/drug delivery. Ceramics International, 2017, 43, 6511-6518.	2.3	32
66	Hydroxyapatite nanorod-assembled porous hollow polyhedra as drug/protein carriers. Journal of Colloid and Interface Science, 2017, 496, 416-424.	5.0	44
67	Nanostructured Materials of Calcium Phosphates and Calcium Silicates: Synthesis, Properties and Applications. Chinese Journal of Chemistry, 2017, 35, 769-790.	2.6	10
68	Preparation and enhanced mechanical properties of hybrid hydrogels comprising ultralong hydroxyapatite nanowires and sodium alginate. Journal of Colloid and Interface Science, 2017, 497, 266-275.	5.0	60
69	Effects of polymer intercalation in calcium silicate hydrates on drug loading capacities and drug release kinetics: an X-ray absorption near edge structure study. Canadian Journal of Chemistry, 2017, 95, 1122-1129.	0.6	2
70	Biocompatible, Ultralight, Strong Hydroxyapatite Networks Based on Hydroxyapatite Microtubes with Excellent Permeability and Ultralow Thermal Conductivity. ACS Applied Materials & Interfaces, 2017, 9, 7918-7928.	4.0	41
71	Hierarchical Assembly of Monodisperse Hydroxyapatite Nanowires and Construction of High-Strength Fire-Resistant Inorganic Paper with High-Temperature Flexibility. ChemNanoMat, 2017, 3, 259-268.	1.5	48
72	Hydroxyapatite Nanowire@Magnesium Silicate Core-Shell Hierarchical Nanocomposite: Synthesis and Application in Bone Regeneration. ACS Applied Materials & Interfaces, 2017, 9, 16435-16447.	4.0	60

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73	A novel composite scaffold comprising ultralong hydroxyapatite microtubes and chitosan: preparation and application in drug delivery. <i>Journal of Materials Chemistry B</i> , 2017, 5, 3898-3906.	2.9	36
74	Highly Flexible Multifunctional Biopaper Comprising Chitosan Reinforced by Ultralong Hydroxyapatite Nanowires. <i>Chemistry - A European Journal</i> , 2017, 23, 3796-3796.	1.7	0
75	Ultralong hydroxyapatite microtubes: solvothermal synthesis and application in drug loading and sustained drug release. <i>CrystEngComm</i> , 2017, 19, 1965-1973.	1.3	23
76	Inorganic Nanowires-Assembled Layered Paper as the Valve for Controlling Water Transportation. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 11045-11053.	4.0	13
77	Enhanced osteogenesis and angiogenesis by mesoporous hydroxyapatite microspheres-derived simvastatin sustained release system for superior bone regeneration. <i>Scientific Reports</i> , 2017, 7, 44129.	1.6	70
78	Novel interconnected nanochannel hydroxyapatite ceramics: synthesis, microstructure, and permeability. <i>Ceramics International</i> , 2017, 43, 5403-5411.	2.3	7
79	Copper-doped mesoporous hydroxyapatite microspheres synthesized by a microwave-hydrothermal method using creatine phosphate as an organic phosphorus source: application in drug delivery and enhanced bone regeneration. <i>Journal of Materials Chemistry B</i> , 2017, 5, 1039-1052.	2.9	56
80	Highly Flexible Multifunctional Biopaper Comprising Chitosan Reinforced by Ultralong Hydroxyapatite Nanowires. <i>Chemistry - A European Journal</i> , 2017, 23, 3850-3862.	1.7	52
81	A New Kind of Fireproof, Flexible, Inorganic, Nanocomposite Paper and Its Application to the Protection Layer in Flame-Retardant Fiber-Optic Cables. <i>Chemistry - A European Journal</i> , 2017, 23, 4597-4604.	1.7	34
82	Hydroxyapatite Nanowire-Based All-Weather Flexible Electrically Conductive Paper with Superhydrophobic and Flame-Retardant Properties. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 39534-39548.	4.0	54
83	Flexible, High-Wettability and Fire-Resistant Separators Based on Hydroxyapatite Nanowires for Advanced Lithium-Ion Batteries. <i>Advanced Materials</i> , 2017, 29, 1703548.	11.1	272
84	Ultralong hydroxyapatite nanowires/collagen scaffolds with hierarchical porous structure, enhanced mechanical properties and excellent cellular attachment. <i>Ceramics International</i> , 2017, 43, 15747-15754.	2.3	26
85	Luminescent, Fire-Resistant, and Water-Proof Ultralong Hydroxyapatite Nanowire-Based Paper for Multimode Anticounterfeiting Applications. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 25455-25464.	4.0	68
86	One-dimensional hydroxyapatite materials: preparation and applications. <i>Canadian Journal of Chemistry</i> , 2017, 95, 1091-1102.	0.6	21
87	Dopamine-modified highly porous hydroxyapatite microtube networks with efficient near-infrared photothermal effect, enhanced protein adsorption and mineralization performance. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 159, 337-348.	2.5	24
88	Flexible hydroxyapatite ultralong nanowire-based paper for highly efficient and multifunctional air filtration. <i>Journal of Materials Chemistry A</i> , 2017, 5, 17482-17491.	5.2	114
89	Ultralong Hydroxyapatite Nanowires-Based Paper Co-Loaded with Silver Nanoparticles and Antibiotic for Long-Term Antibacterial Benefit. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 22212-22222.	4.0	74
90	Hydroxyapatite Nanowires@Metal-Organic Framework Core/Shell Nanofibers: Templated Synthesis, Peroxidase-Like Activity, and Derived Flexible Recyclable Test Paper. <i>Chemistry - A European Journal</i> , 2017, 23, 3328-3337.	1.7	51

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91	Calcium silicate-based drug delivery systems. <i>Expert Opinion on Drug Delivery</i> , 2017, 14, 215-228.	2.4	27
92	Evaluation of zinc-doped mesoporous hydroxyapatite microspheres for the construction of a novel biomimetic scaffold optimized for bone augmentation. <i>International Journal of Nanomedicine</i> , 2017, Volume 12, 2293-2306.	3.3	67
93	Comparative study of porous hydroxyapatite/chitosan and whitlockite/chitosan scaffolds for bone regeneration in calvarial defects. <i>International Journal of Nanomedicine</i> , 2017, Volume 12, 2673-2687.	3.3	69
94	Large-Scale Automated Production of Highly Ordered Ultralong Hydroxyapatite Nanowires and Construction of Various Fire-Resistant Flexible Ordered Architectures. <i>ACS Nano</i> , 2016, 10, 11483-11495.	7.3	114
95	Highly Flexible Superhydrophobic and Fire-Resistant Layered Inorganic Paper. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 34715-34724.	4.0	111
96	Magnesium whitlockite hollow microspheres: a comparison of microwave-hydrothermal and conventional hydrothermal syntheses using fructose 1,6-bisphosphate, and application in protein adsorption. <i>RSC Advances</i> , 2016, 6, 33393-33402.	1.7	21
97	Templated solvothermal synthesis of magnesium silicate hollow nanospheres with ultrahigh specific surface area and their application in high-performance protein adsorption and drug delivery. <i>Journal of Materials Chemistry B</i> , 2016, 4, 3257-3268.	2.9	29
98	One-Step Synthesis of Silver Nanoparticle-Decorated Hydroxyapatite Nanowires for the Construction of Highly Flexible Free-Standing Paper with High Antibacterial Activity. <i>Chemistry - A European Journal</i> , 2016, 22, 11224-11231.	1.7	43
99	Highly porous ceramics based on ultralong hydroxyapatite nanowires. <i>RSC Advances</i> , 2016, 6, 102003-102009.	1.7	9
100	Superparamagnetic yolk-shell porous nanospheres of iron oxide@magnesium silicate: synthesis and application in high-performance anticancer drug delivery. <i>RSC Advances</i> , 2016, 6, 103399-103411.	1.7	13
101	Design of a novel wound dressing consisting of alginate hydrogel and simvastatin-incorporated mesoporous hydroxyapatite microspheres for cutaneous wound healing. <i>RSC Advances</i> , 2016, 6, 104375-104387.	1.7	53
102	Sonochemical synthesis of hydroxyapatite nanoflowers using creatine phosphate disodium salt as an organic phosphorus source and their application in protein adsorption. <i>RSC Advances</i> , 2016, 6, 9686-9692.	1.7	40
103	DNA-templated microwave-hydrothermal synthesis of nanostructured hydroxyapatite for storing and sustained release of an antibacterial protein. <i>Dalton Transactions</i> , 2016, 45, 1648-1656.	1.6	27
104	γ -Fe ₂ O ₃ nanosheet-assembled hierarchical hollow mesoporous microspheres: Microwave-assisted solvothermal synthesis and application in photocatalysis. <i>Journal of Colloid and Interface Science</i> , 2016, 463, 107-117.	5.0	54
105	Magnesium phosphate pentahydrate nanosheets: Microwave-hydrothermal rapid synthesis using creatine phosphate as an organic phosphorus source and application in protein adsorption. <i>Journal of Colloid and Interface Science</i> , 2016, 462, 297-306.	5.0	20
106	Yolk-Shell Porous Microspheres of Calcium Phosphate Prepared by Using Calcium Lactate and Adenosine 5'-Triphosphate Disodium Salt: Application in Protein/Drug Delivery. <i>Chemistry - A European Journal</i> , 2015, 21, 9868-9876.	1.7	27
107	Microwave-Assisted Hydrothermal Rapid Synthesis of Amorphous Calcium Phosphate Mesoporous Microspheres Using Adenosine 5'-Diphosphate and Application in pH-Responsive Drug Delivery. <i>Chemistry - an Asian Journal</i> , 2015, 10, 2503-2511.	1.7	23
108	Porous Microspheres of Casein/Amorphous Calcium Phosphate Nanocomposite: Room Temperature Synthesis and Application in Drug Delivery. <i>Current Nanoscience</i> , 2015, 12, 70-78.	0.7	10

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109	Tracking Drug Loading Capacities of Calcium Silicate Hydrate Carrier: A Comparative X-ray Absorption Near Edge Structures Study. <i>Journal of Physical Chemistry B</i> , 2015, 119, 10052-10059.	1.2	10
110	Solvothermal synthesis of submillimeter ultralong hydroxyapatite nanowires using a calcium oleate precursor in a series of monohydroxy alcohols. <i>Ceramics International</i> , 2015, 41, 6098-6102.	2.3	71
111	Porous hollow microspheres of amorphous calcium phosphate: soybean lecithin templated microwave-assisted hydrothermal synthesis and application in drug delivery. <i>Journal of Materials Chemistry B</i> , 2015, 3, 1823-1830.	2.9	53
112	Amorphous magnesium phosphate flower-like hierarchical nanostructures: microwave-assisted rapid synthesis using fructose 1,6-bisphosphate trisodium salt as an organic phosphorus source and application in protein adsorption. <i>RSC Advances</i> , 2015, 5, 14906-14915.	1.7	22
113	Ultralong hydroxyapatite nanowires synthesized by solvothermal treatment using a series of phosphate sodium salts. <i>Materials Letters</i> , 2015, 144, 135-137.	1.3	57
114	Hydrothermal synthesis of nanorod-assembled porous microspheres of hydroxyapatite/casein using ATP as a phosphorus source and casein sodium salt as a template. <i>Materials Letters</i> , 2015, 160, 242-245.	1.3	15
115	Imaging of drug loading distributions in individual microspheres of calcium silicate hydrate " an X-ray spectromicroscopy study. <i>Nanoscale</i> , 2015, 7, 6767-6773.	2.8	11
116	Amorphous calcium phosphate nanowires prepared using beta-glycerophosphate disodium salt as an organic phosphate source by a microwave-assisted hydrothermal method and adsorption of heavy metals in water treatment. <i>RSC Advances</i> , 2015, 5, 40154-40162.	1.7	23
117	Tracking the transformations of mesoporous microspheres of calcium silicate hydrate at the nanoscale upon ibuprofen release: a XANES and STXM study. <i>CrystEngComm</i> , 2015, 17, 4117-4124.	1.3	8
118	Amorphous calcium phosphate, hydroxyapatite and poly(d , l -lactic acid) composite nanofibers: Electrospinning preparation, mineralization and in vivo bone defect repair. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015, 136, 27-36.	2.5	79
119	Vesicle-like nanospheres of amorphous calcium phosphate: sonochemical synthesis using the adenosine 5'-triphosphate disodium salt and their application in pH-responsive drug delivery. <i>Journal of Materials Chemistry B</i> , 2015, 3, 7347-7354.	2.9	38
120	Porous microspheres of magnesium whitlockite and amorphous calcium magnesium phosphate: microwave-assisted rapid synthesis using creatine phosphate, and application in drug delivery. <i>Journal of Materials Chemistry B</i> , 2015, 3, 7775-7786.	2.9	42
121	An amorphous calcium phosphate nanocomposite for storing and sustained release of IgY protein with antibacterial activity. <i>RSC Advances</i> , 2015, 5, 100682-100688.	1.7	10
122	Solvothermal synthesis of hydroxyapatite nanostructures with various morphologies using adenosine 5'-monophosphate sodium salt as an organic phosphorus source. <i>RSC Advances</i> , 2015, 5, 3792-3798.	1.7	37
123	pH-Responsive Drug Delivery Systems. <i>Chemistry - an Asian Journal</i> , 2015, 10, 284-305.	1.7	150
124	Porous microspheres of amorphous calcium phosphate: Block copolymer templated microwave-assisted hydrothermal synthesis and application in drug delivery. <i>Journal of Colloid and Interface Science</i> , 2015, 443, 72-79.	5.0	40
125	Microwave-assisted rapid synthesis of magnesium phosphate hierarchical structures using adenosine 5'-triphosphate disodium salt as a phosphorus source. <i>Materials Letters</i> , 2015, 140, 79-82.	1.3	12
126	Core-Shell Hollow Microspheres of Magnetic Iron Oxide@Amorphous Calcium Phosphate: Synthesis Using Adenosine 5'-Triphosphate and Application in pH-Responsive Drug Delivery. <i>Chemistry - an Asian Journal</i> , 2014, 9, 2908-2914.	1.7	23

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127	ATP-Stabilized Amorphous Calcium Carbonate Nanospheres and Their Application in Protein Adsorption. <i>Small</i> , 2014, 10, 2047-2056.	5.2	41
128	Synthesis, characterization and applications of calcium carbonate/fructose 1,6-bisphosphate composite nanospheres and carbonated hydroxyapatite porous nanospheres. <i>Journal of Materials Chemistry B</i> , 2014, 2, 8378-8389.	2.9	21
129	Hydroxyapatite nanosheet-assembled microspheres: Hemoglobin-templated synthesis and adsorption for heavy metal ions. <i>Journal of Colloid and Interface Science</i> , 2014, 416, 11-18.	5.0	78
130	Hydrothermal synthesis of hydroxyapatite nanorods using pyridoxal-5-phosphate as a phosphorus source. <i>Materials Research Bulletin</i> , 2014, 55, 67-70.	2.7	21
131	Multifunctional biodegradable terbium-doped calcium phosphate nanoparticles: facile preparation, pH-sensitive drug release and in vitro bioimaging. <i>RSC Advances</i> , 2014, 4, 53122-53129.	1.7	23
132	Microwave-assisted rapid synthesis of magnesium phosphate hydrate nanosheets and their application in drug delivery and protein adsorption. <i>Journal of Materials Chemistry B</i> , 2014, 2, 8576-8586.	2.9	20
133	Multifunctional biodegradable mesoporous microspheres of Eu ³⁺ -doped amorphous calcium phosphate: microwave-assisted preparation, pH-sensitive drug release, and bioimaging application. <i>Journal of Materials Chemistry B</i> , 2014, 2, 7132-7140.	2.9	46
134	Microwave Hydrothermal Transformation of Amorphous Calcium Carbonate Nanospheres and Application in Protein Adsorption. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 4310-4320.	4.0	72
135	The potential of calcium silicate hydrate as a carrier of ibuprofen. <i>Expert Opinion on Drug Delivery</i> , 2014, 11, 1337-1342.	2.4	13
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