

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

467 papers	18,215 citations	67 h-index	112 g-index
487 ext. papers	21,542 ext. citations	6.2 avg, IF	7.2 L-index

#	Paper	IF	Citations
467	Isothermal Amplification of Nucleic Acids. <i>Chemical Reviews</i> , <b>2015</b> , 115, 12491-545	68.1	865
466	Hollow/rattle-type mesoporous nanostructures by a structural difference-based selective etching strategy. <i>ACS Nano</i> , <b>2010</b> , 4, 529-39	16.7	575
465	Binary Strengthening and Toughening of MXene/Cellulose Nanofiber Composite Paper with Nacre-Inspired Structure and Superior Electromagnetic Interference Shielding Properties. <i>ACS Nano</i> , <b>2018</b> , 12, 4583-4593	16.7	560
464	Light-triggered theranostics based on photosensitizer-conjugated carbon dots for simultaneous enhanced-fluorescence imaging and photodynamic therapy. <i>Advanced Materials</i> , <b>2012</b> , 24, 5104-10	24	557
463	Microwave-assisted preparation of inorganic nanostructures in liquid phase. <i>Chemical Reviews</i> , <b>2014</b> , 114, 6462-555	68.1	550
462	Rattle-structured multifunctional nanotheranostics for synergetic chemo-/radiotherapy and simultaneous magnetic/luminescent dual-mode imaging. <i>Journal of the American Chemical Society</i> , <b>2013</b> , 135, 6494-503	16.4	288
461	The photoluminescence, drug delivery and imaging properties of multifunctional Eu <sup>3+</sup> /Gd <sup>3+</sup> dual-doped hydroxyapatite nanorods. <i>Biomaterials</i> , <b>2011</b> , 32, 9031-9	15.6	261
460	New Understanding in Tuning Toughness of Polypropylene: The Role of Nucleated Crystalline Morphology. <i>Macromolecules</i> , <b>2009</b> , 42, 9325-9331	5.5	241
459	The antifungal activity of graphene oxide-silver nanocomposites. <i>Biomaterials</i> , <b>2013</b> , 34, 3882-90	15.6	204
458	Dietary Modulation of Gut Microbiota Contributes to Alleviation of Both Genetic and Simple Obesity in Children. <i>EBioMedicine</i> , <b>2015</b> , 2, 968-84	8.8	198
457	Ultrathin flexible reduced graphene oxide/cellulose nanofiber composite films with strongly anisotropic thermal conductivity and efficient electromagnetic interference shielding. <i>Journal of Materials Chemistry C</i> , <b>2017</b> , 5, 3748-3756	7.1	188
456	Achieving a Collapsible, Strong, and Highly Thermally Conductive Film Based on Oriented Functionalized Boron Nitride Nanosheets and Cellulose Nanofiber. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2017</b> , 9, 30035-30045	9.5	167
455	Biocompatibility, MR imaging and targeted drug delivery of a rattle-type magnetic mesoporous silica nanosphere system conjugated with PEG and cancer-cell-specific ligands. <i>Journal of Materials Chemistry</i> , <b>2011</b> , 21, 3037		158
454	Bioinspired wetting surface via laser microfabrication. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2013</b> , 5, 6777-92	9.5	154
453	Ultrathin and Flexible CNTs/MXene/Cellulose Nanofibrils Composite Paper for Electromagnetic Interference Shielding. <i>Nano-Micro Letters</i> , <b>2019</b> , 11, 72	19.5	147
452	Direct Formation of Nanohybrid Shish-Kebab in the Injection Molded Bar of Polyethylene/Multiwalled Carbon Nanotubes Composite. <i>Macromolecules</i> , <b>2009</b> , 42, 7016-7023	5.5	143
451	A simple way to achieve superhydrophobicity, controllable water adhesion, anisotropic sliding, and anisotropic wetting based on femtosecond-laser-induced line-patterned surfaces. <i>Journal of Materials Chemistry A</i> , <b>2014</b> , 2, 5499-5507	13	140

450	Bioinspired underwater superoleophobic surface with ultralow oil-adhesion achieved by femtosecond laser microfabrication. <i>Journal of Materials Chemistry A</i> , <b>2014</b> , 2, 8790-8795	13	136
449	Hydroxyapatite hierarchically nanostructured porous hollow microspheres: rapid, sustainable microwave-hydrothermal synthesis by using creatine phosphate as an organic phosphorus source and application in drug delivery and protein adsorption. <i>Chemistry - A European Journal</i> , <b>2013</b> , 19, 5332-41	4.8	136
448	The resistivity-strain behavior of conductive polymer composites: stability and sensitivity. <i>Journal of Materials Chemistry A</i> , <b>2014</b> , 2, 17085-17098	13	132
447	Hierachically nanostructured mesoporous spheres of calcium silicate hydrate: surfactant-free sonochemical synthesis and drug-delivery system with ultrahigh drug-loading capacity. <i>Advanced Materials</i> , <b>2010</b> , 22, 749-53	24	129
446	Simultaneous nuclear imaging and intranuclear drug delivery by nuclear-targeted multifunctional upconversion nanoprobe. <i>Biomaterials</i> , <b>2012</b> , 33, 7282-90	15.6	128
445	Preparation of polyester/reduced graphene oxide composites via in situ melt polycondensation and simultaneous thermo-reduction of graphene oxide. <i>Journal of Materials Chemistry</i> , <b>2011</b> , 21, 8612		128
444	Highly flexible and nonflammable inorganic hydroxyapatite paper. <i>Chemistry - A European Journal</i> , <b>2014</b> , 20, 1242-6	4.8	124
443	Femtosecond Laser Weaving Superhydrophobic Patterned PDMS Surfaces with Tunable Adhesion. <i>Journal of Physical Chemistry C</i> , <b>2013</b> , 117, 24907-24912	3.8	120
442	Fabrication of a transparent superamphiphobic coating with improved stability. <i>Soft Matter</i> , <b>2011</b> , 7, 6435	3.6	119
441	Hydroxyapatite nanosheet-assembled porous hollow microspheres: DNA-templated hydrothermal synthesis, drug delivery and protein adsorption. <i>Journal of Materials Chemistry</i> , <b>2012</b> , 22, 22642		117
440	Design and Preparation of a Unique Segregated Double Network with Excellent Thermal Conductive Property. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2017</b> , 9, 7637-7647	9.5	115
439	Multifunctional Eu <sup>3+</sup> /Gd <sup>3+</sup> dual-doped calcium phosphate vesicle-like nanospheres for sustained drug release and imaging. <i>Biomaterials</i> , <b>2012</b> , 33, 6447-55	15.6	112
438	Maskless fabrication of concave microlens arrays on silica glasses by a femtosecond-laser-enhanced local wet etching method. <i>Optics Express</i> , <b>2010</b> , 18, 20334-43	3.3	110
437	Bioinspired Design of Underwater Superaerophobic and Superaerophilic Surfaces by Femtosecond Laser Ablation for Anti- or Capturing Bubbles. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2017</b> , 9, 39863-39871	9.5	108
436	Highly stable amorphous calcium phosphate porous nanospheres: microwave-assisted rapid synthesis using ATP as phosphorus source and stabilizer, and their application in anticancer drug delivery. <i>Chemistry - A European Journal</i> , <b>2013</b> , 19, 981-7	4.8	108
435	Remarkably simple achievement of superhydrophobicity, superhydrophilicity, underwater superoleophobicity, underwater superoleophilicity, underwater superaerophobicity, and underwater superaerophilicity on femtosecond laser ablated PDMS surfaces. <i>Journal of Materials Chemistry A</i> , <b>2017</b> , 5, 25249-25257	13	108
434	MXene-Reinforced Cellulose Nanofibril Inks for 3D-Printed Smart Fibres and Textiles. <i>Advanced Functional Materials</i> , <b>2019</b> , 29, 1905898	15.6	107
433	Photoinduced switchable underwater superoleophobicity/superoleophilicity on laser modified titanium surfaces. <i>Journal of Materials Chemistry A</i> , <b>2015</b> , 3, 10703-10709	13	101

432	pH-responsive drug-delivery systems. <i>Chemistry - an Asian Journal</i> , <b>2015</b> , 10, 284-305	4.5	100
431	Fire Alarm Wallpaper Based on Fire-Resistant Hydroxyapatite Nanowire Inorganic Paper and Graphene Oxide Thermosensitive Sensor. <i>ACS Nano</i> , <b>2018</b> , 12, 3159-3171	16.7	97
430	Co-precipitation synthesis route to yttrium aluminum garnet (YAG) transparent ceramics. <i>Journal of the European Ceramic Society</i> , <b>2012</b> , 32, 2971-2979	6	95
429	Femtosecond laser controlled wettability of solid surfaces. <i>Soft Matter</i> , <b>2015</b> , 11, 8897-906	3.6	94
428	Target-triggered three-way junction structure and polymerase/nicking enzyme synergetic isothermal quadratic DNA machine for highly specific, one-step, and rapid microRNA detection at attomolar level. <i>Analytical Chemistry</i> , <b>2014</b> , 86, 8098-105	7.8	92
427	Oil-Water Separation: A Gift from the Desert. <i>Advanced Materials Interfaces</i> , <b>2016</b> , 3, 1500650	4.6	91
426	Largely enhanced energy storage density of poly(vinylidene fluoride) nanocomposites based on surface hydroxylation of boron nitride nanosheets. <i>Journal of Materials Chemistry A</i> , <b>2018</b> , 6, 7573-7584	13	90
425	Bioinspired transparent underwater superoleophobic and anti-oil surfaces. <i>Journal of Materials Chemistry A</i> , <b>2015</b> , 3, 9379-9384	13	86
424	Two-dimensional MXene-reinforced robust surface superhydrophobicity with self-cleaning and photothermal-actuating binary effects. <i>Materials Horizons</i> , <b>2019</b> , 6, 1057-1065	14.4	86
423	Robust and Mechanically and Electrically Self-Healing Hydrogel for Efficient Electromagnetic Interference Shielding. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2018</b> , 10, 8245-8257	9.5	85
422	Biomimetic hydroxyapatite porous microspheres with co-substituted essential trace elements: Surfactant-free hydrothermal synthesis, enhanced degradation and drug release. <i>Journal of Materials Chemistry</i> , <b>2011</b> , 21, 16558		85
421	Ultrasound-assisted biosynthesis of CuO-NPs using brown alga <i>Cystoseira trinodis</i> : Characterization, photocatalytic AOP, DPPH scavenging and antibacterial investigations. <i>Ultrasonics Sonochemistry</i> , <b>2018</b> , 41, 109-119	8.9	82
420	Large-Scale Automated Production of Highly Ordered Ultralong Hydroxyapatite Nanowires and Construction of Various Fire-Resistant Flexible Ordered Architectures. <i>ACS Nano</i> , <b>2016</b> , 10, 11483-11495	16.7	82
419	Synthesis of La <sup>3+</sup> doped mesoporous titania with highly crystallized walls. <i>Microporous and Mesoporous Materials</i> , <b>2005</b> , 79, 93-99	5.3	80
418	3D silver nanoparticles decorated zinc oxide/silicon heterostructured nanomace arrays as high-performance surface-enhanced Raman scattering substrates. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2015</b> , 7, 5725-35	9.5	79
417	Nanosheet-assembled hierarchical nanostructures of hydroxyapatite: surfactant-free microwave-hydrothermal rapid synthesis, protein/DNA adsorption and pH-controlled release. <i>CrystEngComm</i> , <b>2013</b> , 15, 206-212	3.3	78
416	Bioinspired Ultralight Inorganic Aerogel for Highly Efficient Air Filtration and Oil-Water Separation. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2018</b> , 10, 13019-13027	9.5	75
415	Highly sensitive fluorescence assay of DNA methyltransferase activity via methylation-sensitive cleavage coupled with nicking enzyme-assisted signal amplification. <i>Biosensors and Bioelectronics</i> , <b>2013</b> , 42, 56-61	11.8	75

4 <sup>14</sup>	Nepenthes Inspired Design of Self-Repairing Omniphobic Slippery Liquid Infused Porous Surface (SLIPS) by Femtosecond Laser Direct Writing. <i>Advanced Materials Interfaces</i> , <b>2017</b> , 4, 1700552	4.6	73
4 <sup>13</sup>	Surfactant-free solvothermal synthesis of hydroxyapatite nanowire/nanotube ordered arrays with biomimetic structures. <i>CrystEngComm</i> , <b>2011</b> , 13, 1858-1863	3.3	73
4 <sup>12</sup>	Electrospun chitosan-P(LLA-CL) nanofibers for biomimetic extracellular matrix. <i>Journal of Biomaterials Science, Polymer Edition</i> , <b>2008</b> , 19, 677-91	3.5	73
4 <sup>11</sup>	Calcium phosphate-phosphorylated adenosine hybrid microspheres for anti-osteosarcoma drug delivery and osteogenic differentiation. <i>Biomaterials</i> , <b>2017</b> , 121, 1-14	15.6	72
4 <sup>10</sup>	Study on structural changes of microwave heat-moisture treated resistant Canna edulis Ker starch during digestion in vitro. <i>Food Hydrocolloids</i> , <b>2010</b> , 24, 27-34	10.6	72
4 <sup>09</sup>	A Stretchable Highoutput Triboelectric Nanogenerator Improved by MXene Liquid Electrode with High Electronegativity. <i>Advanced Functional Materials</i> , <b>2020</b> , 30, 2004181	15.6	72
4 <sup>08</sup>	Fabricating MnO <sub>2</sub> Nanozymes as Intracellular Catalytic DNA Circuit Generators for Versatile Imaging of Base-Excision Repair in Living Cells. <i>Advanced Functional Materials</i> , <b>2017</b> , 27, 1702748	15.6	71
4 <sup>07</sup>	Preparation of a thermally conductive biodegradable cellulose nanofiber/hydroxylated boron nitride nanosheet film: the critical role of edge-hydroxylation. <i>Journal of Materials Chemistry A</i> , <b>2018</b> , 6, 11863-11873	13	71
4 <sup>06</sup>	Programming Enzyme-Initiated Autonomous DNAzyme Nanodevices in Living Cells. <i>ACS Nano</i> , <b>2017</b> , 11, 11908-11914	16.7	70
4 <sup>05</sup>	Sol-Gel Synthesis of Metal-Phenolic Coordination Spheres and Their Derived Carbon Composites. <i>Angewandte Chemie - International Edition</i> , <b>2018</b> , 57, 9838-9843	16.4	69
4 <sup>04</sup>	Hydroxyapatite nanosheet-assembled microspheres: hemoglobin-templated synthesis and adsorption for heavy metal ions. <i>Journal of Colloid and Interface Science</i> , <b>2014</b> , 416, 11-8	9.3	69
4 <sup>03</sup>	Dragonfly-Eye-Inspired Artificial Compound Eyes with Sophisticated Imaging. <i>Advanced Functional Materials</i> , <b>2016</b> , 26, 1995-2001	15.6	69
4 <sup>02</sup>	A Review of Femtosecond-Laser-Induced Underwater Superoleophobic Surfaces. <i>Advanced Materials Interfaces</i> , <b>2018</b> , 5, 1701370	4.6	68
4 <sup>01</sup>	Green in Situ Synthesis of Clean 3D Chestnutlike Ag/WO Nanostructures for Highly Efficient, Recyclable and Sensitive SERS Sensing. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2017</b> , 9, 7436-7446	9.5	67
4 <sup>00</sup>	Microwave-assisted hydrothermal rapid synthesis of hydroxyapatite nanowires using adenosine 5'-triphosphate disodium salt as phosphorus source. <i>Materials Letters</i> , <b>2012</b> , 85, 71-73	3.3	67
399	Europium-doped amorphous calcium phosphate porous nanospheres: preparation and application as luminescent drug carriers. <i>Nanoscale Research Letters</i> , <b>2011</b> , 6, 67	5	67
398	Hydroxyapatite nanorods/poly(vinyl pyrrolidone) composite nanofibers, arrays and three-dimensional fabrics: electrospun preparation and transformation to hydroxyapatite nanostructures. <i>Acta Biomaterialia</i> , <b>2010</b> , 6, 3013-20	10.8	67
397	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> , <b>2015</b> , 136, 27-36	6	65

- 396 Flower-like hierarchically nanostructured hydroxyapatite hollow spheres: facile preparation and application in anticancer drug cellular delivery. *Chemistry - an Asian Journal*, **2010**, 5, 2477-82 4.5 65
- 395 Wearable, ultrathin and transparent bacterial celluloses/MXene film with Janus structure and excellent mechanical property for electromagnetic interference shielding. *Chemical Engineering Journal*, **2021**, 403, 126438 14.7 65
- 394 Dependence of mechanical properties on Eform content and crystalline morphology for E-nucleated isotactic polypropylene. *Polymers for Advanced Technologies*, **2011**, 22, 2044-2054 3.2 64
- 393 A methylation-blocked cascade amplification strategy for label-free colorimetric detection of DNA methyltransferase activity. *Biosensors and Bioelectronics*, **2014**, 54, 565-70 11.8 63
- 392 Phase change material with anisotropically high thermal conductivity and excellent shape stability due to its robust cellulose/BNNSs skeleton. *Journal of Materials Chemistry A*, **2019**, 7, 19364-19373 13 62
- 391 Synthesis, Structural Characterizations and Magnetic Properties of a Series of Mono-, Di- and Polynuclear Manganese Pyridinecarboxylate Compounds. *European Journal of Inorganic Chemistry*, **2004**, 2004, 1454-1464 2.3 62
- 390 Femtosecond Laser Direct Writing of Porous Network Microstructures for Fabricating Super-Slippery Surfaces with Excellent Liquid Repellence and Anti-Cell Proliferation. *Advanced Materials Interfaces*, **2018**, 5, 1701479 4.6 61
- 389 Chitosan-coated mesoporous microspheres of calcium silicate hydrate: environmentally friendly synthesis and application as a highly efficient adsorbent for heavy metal ions. *Journal of Colloid and Interface Science*, **2014**, 418, 208-15 9.3 61
- 388 Completely Green Approach for the Preparation of Strong and Highly Conductive Graphene Composite Film by Using Nanocellulose as Dispersing Agent and Mechanical Compression. *ACS Sustainable Chemistry and Engineering*, **2017**, 5, 9102-9113 8.3 61
- 387 Preparation and photocatalytic properties of a novel kind of loaded photocatalyst of TiO<sub>2</sub>/SiO<sub>2</sub>/Fe<sub>2</sub>O<sub>3</sub>. *Catalysis Letters*, **1999**, 58, 245-247 2.8 61
- 386 Photo-Fenton degradation of malachite green catalyzed by aromatic compounds under visible light irradiation. *New Journal of Chemistry*, **2002**, 26, 336-341 3.6 60
- 385 A review of femtosecond laser-structured superhydrophobic or underwater superoleophobic porous surfaces/materials for efficient oil/water separation.. *RSC Advances*, **2019**, 9, 12470-12495 3.7 58
- 384 Influence of electronic effects from bridging groups on synthetic reaction and thermally activated polymerization of bisphenol-based benzoxazines. *Journal of Polymer Science Part A*, **2011**, 49, 1443-1452<sup>2.5</sup> 58
- 383 Microwave hydrothermal transformation of amorphous calcium carbonate nanospheres and application in protein adsorption. *ACS Applied Materials & Interfaces*, **2014**, 6, 4310-20 9.5 57
- 382 Chiral guanosine 5'-monophosphate-capped gold nanoflowers: Controllable synthesis, characterization, surface-enhanced Raman scattering activity, cellular imaging and photothermal therapy. *Nano Research*, **2012**, 5, 630-639 10 57
- 381 Single copy-sensitive electrochemical assay for circulating methylated DNA in clinical samples with ultrahigh specificity based on a sequential discrimination-amplification strategy. *Chemical Science*, **2017**, 8, 4764-4770 9.4 55
- 380 Reversible Underwater Lossless Oil Droplet Transportation. *Advanced Materials Interfaces*, **2015**, 2, 1400288 4.8 55
- 379 The preparation and properties of polystyrene/functionalized graphene nanocomposite foams using supercritical carbon dioxide. *Polymer International*, **2013**, 62, 1077-1084 3.3 55



378	Cross-linking of gelatin and chitosan complex nanofibers for tissue-engineering scaffolds. <i>Journal of Biomaterials Science, Polymer Edition</i> , <b>2011</b> , 22, 1099-113	3.5	55
377	Hydrothermal syntheses, crystal structures and luminescent properties of zinc(II) coordination polymers constructed by bifunctional tetrazolate-5-carboxylate ligands. <i>CrystEngComm</i> , <b>2010</b> , 12, 260-269	3.3	55
376	Highly sensitive detection of telomerase activity in tumor cells by cascade isothermal signal amplification based on three-way junction and base-stacking hybridization. <i>Biosensors and Bioelectronics</i> , <b>2013</b> , 41, 764-70	11.8	54
375	Control of the hierarchical structure of polymer articles via structuring-processing. <i>Progress in Polymer Science</i> , <b>2014</b> , 39, 891-920	29.6	54
374	Ultrathin calcium silicate hydrate nanosheets with large specific surface areas: synthesis, crystallization, layered self-assembly and applications as excellent adsorbents for drug, protein, and metal ions. <i>Small</i> , <b>2013</b> , 9, 2911-25	11	54
373	Systemic and cerebral exposure to and pharmacokinetics of flavonols and terpene lactones after dosing standardized Ginkgo biloba leaf extracts to rats via different routes of administration. <i>British Journal of Pharmacology</i> , <b>2013</b> , 170, 440-57	8.6	54
372	Hierarchical hollow hydroxyapatite microspheres: microwave-assisted rapid synthesis by using pyridoxal-5'-phosphate as a phosphorus source and application in drug delivery. <i>Chemistry - an Asian Journal</i> , <b>2013</b> , 8, 1313-20	4.5	54
371	Calcium phosphate/PLGA-mPEG hybrid porous nanospheres: A promising vector with ultrahigh gene loading and transfection efficiency. <i>Journal of Materials Chemistry</i> , <b>2010</b> , 20, 1161-1166		54
370	Stable superhydrophobic surface with hierarchical mesh-porous structure fabricated by a femtosecond laser. <i>Applied Physics A: Materials Science and Processing</i> , <b>2013</b> , 111, 243-249	2.6	53
369	Solvothermal synthesis of submillimeter ultralong hydroxyapatite nanowires using a calcium oleate precursor in a series of monohydroxy alcohols. <i>Ceramics International</i> , <b>2015</b> , 41, 6098-6102	5.1	53
368	Enhanced osteogenesis and angiogenesis by mesoporous hydroxyapatite microspheres-derived simvastatin sustained release system for superior bone regeneration. <i>Scientific Reports</i> , <b>2017</b> , 7, 44129	4.9	52
367	Surface modifications of boron nitride nanosheets for poly(vinylidene fluoride) based film capacitors: advantages of edge-hydroxylation. <i>Journal of Materials Chemistry A</i> , <b>2019</b> , 7, 7664-7674	13	52
366	Comparative study of porous hydroxyapatite/chitosan and whitlockite/chitosan scaffolds for bone regeneration in calvarial defects. <i>International Journal of Nanomedicine</i> , <b>2017</b> , 12, 2673-2687	7.3	52
365	Hydrophobic cellulose films with excellent strength and toughness via ball milling activated acylation of microfibrillated cellulose. <i>Carbohydrate Polymers</i> , <b>2016</b> , 154, 129-38	10.3	52
364	Hydrothermal synthesis of hydroxyapatite nanorods and nanowires using riboflavin-5'-phosphate monosodium salt as a new phosphorus source and their application in protein adsorption. <i>CrystEngComm</i> , <b>2013</b> , 15, 7926	3.3	51
363	A promising alternative to conventional polyethylene with poly(propylene carbonate) reinforced by graphene oxide nanosheets. <i>Journal of Materials Chemistry</i> , <b>2011</b> , 21, 17627		51
362	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. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2017</b> , 9, 3306-3317	9.5	50
361	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> , <b>2015</b> , 3, 1823-1830	7.3	50

- 360 Hydroxylapatite nanorods: an efficient and promising carrier for gene transfection. *Journal of Colloid and Interface Science*, **2010**, 345, 427-32 9.3 50
- 359 Substrate-Independent, Fast, and Reversible Switching between Underwater Superaerophobicity and Aerophilicity on the Femtosecond Laser-Induced Superhydrophobic Surfaces for Selectively Repelling or Capturing Bubbles in Water. *ACS Applied Materials & Interfaces*, **2019**, 11, 8667-8675 9.5 49
- 358 A novel lncRNA-LINC01116 regulates tumorigenesis of glioma by targeting VEGFA. *International Journal of Cancer*, **2020**, 146, 248-261 7.5 49
- 357 Fe<sub>2</sub>O<sub>3</sub> nanosheet-assembled hierarchical hollow mesoporous microspheres: Microwave-assisted solvothermal synthesis and application in photocatalysis. *Journal of Colloid and Interface Science*, **2016**, 463, 107-17 9.3 48
- 356 Amorphous calcium phosphate/poly(D,L-lactic acid) composite nanofibers: electrospinning preparation and biomineralization. *Journal of Colloid and Interface Science*, **2011**, 359, 371-9 9.3 48
- 355 Fructose 1,6-bisphosphate trisodium salt as a new phosphorus source for the rapid microwave synthesis of porous calcium-phosphate microspheres and their application in drug delivery. *Chemistry - an Asian Journal*, **2013**, 8, 88-94 4.5 46
- 354 Microwave-assisted synthesis of hydroxyapatite hollow microspheres in aqueous solution. *Materials Letters*, **2011**, 65, 2361-2363 3.3 46
- 353 Synthesis, Structure and Magnetic Properties of a Series of Novel Isophthalate-Bridged Manganese(II) Polymers with Double-Layer or Double-Chain Structures. *European Journal of Inorganic Chemistry*, **2004**, 2004, 3316-3325 2.3 45
- 352 Zinc(II) and Cadmium(II) Coordination Polymers Based on 3-(5H-Tetrazolyl)benzoate Ligand with Different Coordination Modes: Hydrothermal Syntheses, Crystal Structures and Ligand-Centered Luminescence. *European Journal of Inorganic Chemistry*, **2010**, 2010, 4982-4991 2.3 44
- 351 Rodent stroke induced by photochemical occlusion of proximal middle cerebral artery: evolution monitored with MR imaging and histopathology. *European Journal of Radiology*, **2007**, 63, 68-75 4.7 44
- 350 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. *Journal of Materials Chemistry B*, **2017**, 5, 1039-1052 7.3 43
- 349 Towards high-performance poly(L-lactide)/elastomer blends with tunable interfacial adhesion and matrix crystallization via constructing stereocomplex crystallites at the interface. *RSC Advances*, **2014**, 4, 49374-49385 3.7 43
- 348 Multifunctional biodegradable mesoporous microspheres of Eu-doped amorphous calcium phosphate: microwave-assisted preparation, pH-sensitive drug release, and bioimaging application. *Journal of Materials Chemistry B*, **2014**, 2, 7132-7140 7.3 43
- 347 Amplified fluorescence detection of mercury(II) ions (Hg<sup>2+</sup>) using target-induced DNzyme cascade with catalytic and molecular beacons. *Analyst, The*, **2012**, 137, 2799-805 5 43
- 346 Multifunctional Calcium Phosphate Nanostructured Materials and Biomedical Applications. *Current Nanoscience*, **2014**, 10, 465-485 1.4 43
- 345 Preparation and enhanced mechanical properties of hybrid hydrogels comprising ultralong hydroxyapatite nanowires and sodium alginate. *Journal of Colloid and Interface Science*, **2017**, 497, 266-273 9.3 42
- 344 Magnetic nanocomposite of hydroxyapatite ultrathin nanosheets/FeO nanoparticles: microwave-assisted rapid synthesis and application in pH-responsive drug release. *Biomaterials Science*, **2013**, 1, 1074-1081 7.4 42
- 343 Methylation-blocked enzymatic recycling amplification for highly sensitive fluorescence sensing of DNA methyltransferase activity. *Analyst, The*, **2013**, 138, 284-9 5 42



342	Calcium phosphate drug nanocarriers with ultrahigh and adjustable drug-loading capacity: One-step synthesis, in situ drug loading and prolonged drug release. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , <b>2011</b> , 7, 428-34	6	42
341	Mechanically Strong Chitin Fibers with Nanofibril Structure, Biocompatibility, and Biodegradability. <i>Chemistry of Materials</i> , <b>2019</b> , 31, 2078-2087	9.6	41
340	Mismatch extension of DNA polymerases and high-accuracy single nucleotide polymorphism diagnostics by gold nanoparticle-improved isothermal amplification. <i>Analytical Chemistry</i> , <b>2015</b> , 87, 8718-23	7.8	41
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