

Feng Chen

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2951283/publications.pdf>

Version: 2024-02-01

475
papers

24,716
citations

8755

75
h-index

12946

131
g-index

487
all docs

487
docs citations

487
times ranked

25682
citing authors

#	ARTICLE	IF	CITATIONS
1	Isothermal Amplification of Nucleic Acids. <i>Chemical Reviews</i> , 2015, 115, 12491-12545.	47.7	1,292
2	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.	14.6	942
3	Microwave-Assisted Preparation of Inorganic Nanostructures in Liquid Phase. <i>Chemical Reviews</i> , 2014, 114, 6462-6555.	47.7	688
4	Light-Triggered Theranostics Based on Photosensitizer-Conjugated Carbon Dots for Simultaneous Enhanced Fluorescence Imaging and Photodynamic Therapy. <i>Advanced Materials</i> , 2012, 24, 5104-5110.	21.0	630
5	Hollow/Rattle-Type Mesoporous Nanostructures by a Structural Difference-Based Selective Etching Strategy. <i>ACS Nano</i> , 2010, 4, 529-539.	14.6	615
6	Rattle-Structured Multifunctional Nanotheranostics for Synergetic Chemo-/Radiotherapy and Simultaneous Magnetic/Luminescent Dual-Mode Imaging. <i>Journal of the American Chemical Society</i> , 2013, 135, 6494-6503.	13.7	318
7	Dietary Modulation of Gut Microbiota Contributes to Alleviation of Both Genetic and Simple Obesity in Children. <i>EBioMedicine</i> , 2015, 2, 968-984.	6.1	306
8	The photoluminescence, drug delivery and imaging properties of multifunctional Eu ³⁺ /Gd ³⁺ -dual-doped hydroxyapatite nanorods. <i>Biomaterials</i> , 2011, 32, 9031-9039.	11.4	305
9	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> , 2017, 5, 3748-3756.	5.5	294
10	Ultrathin and Flexible CNTs/MXene/Cellulose Nanofibrils Composite Paper for Electromagnetic Interference Shielding. <i>Nano-Micro Letters</i> , 2019, 11, 72.	27.0	276
11	New Understanding in Tuning Toughness of β -Polypropylene: The Role of β -Nucleated Crystalline Morphology. <i>Macromolecules</i> , 2009, 42, 9325-9331.	4.8	274
12	Achieving a Collapsible, Strong, and Highly Thermally Conductive Film Based on Oriented Functionalized Boron Nitride Nanosheets and Cellulose Nanofiber. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 30035-30045.	8.0	258
13	The antifungal activity of graphene oxide-silver nanocomposites. <i>Biomaterials</i> , 2013, 34, 3882-3890.	11.4	249
14	MXene-Reinforced Cellulose Nanofibril Inks for 3D-Printed Smart Fibres and Textiles. <i>Advanced Functional Materials</i> , 2019, 29, 1905898.	14.9	206
15	Bioinspired Wetting Surface via Laser Microfabrication. <i>ACS Applied Materials & Interfaces</i> , 2013, 5, 6777-6792.	8.0	194
16	The resistivity-strain behavior of conductive polymer composites: stability and sensitivity. <i>Journal of Materials Chemistry A</i> , 2014, 2, 17085-17098.	10.3	185
17	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> , 2014, 2, 5499-5507.	10.3	172
18	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> , 2011, 21, 3037.	6.7	167

#	ARTICLE	IF	CITATIONS
19	Bioinspired Design of Underwater Superaerophobic and Superaerophilic Surfaces by Femtosecond Laser Ablation for Anti- or Capturing Bubbles. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 39863-39871.	8.0	162
20	Bioinspired underwater superoleophobic surface with ultralow oil-adhesion achieved by femtosecond laser microfabrication. <i>Journal of Materials Chemistry A</i> , 2014, 2, 8790-8795.	10.3	160
21	Direct Formation of Nanohybrid Shish-Kebab in the Injection Molded Bar of Polyethylene/Multiwalled Carbon Nanotubes Composite. <i>Macromolecules</i> , 2009, 42, 7016-7023.	4.8	159
22	Design and Preparation of a Unique Segregated Double Network with Excellent Thermal Conductive Property. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 7637-7647.	8.0	155
23	Fire Alarm Wallpaper Based on Fire-Resistant Hydroxyapatite Nanowire Inorganic Paper and Graphene Oxide Thermosensitive Sensor. <i>ACS Nano</i> , 2018, 12, 3159-3171.	14.6	155
24	Highly Flexible and Nonflammable Inorganic Hydroxyapatite Paper. <i>Chemistry - A European Journal</i> , 2014, 20, 1242-1246.	3.3	152
25	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> , 2013, 19, 5332-5341.	3.3	151
26	pH-Responsive Drug-Delivery Systems. <i>Chemistry - an Asian Journal</i> , 2015, 10, 284-305.	3.3	150
27	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> , 2017, 5, 25249-25257.	10.3	147
28	A Stretchable Highoutput Triboelectric Nanogenerator Improved by MXene Liquid Electrode with High Electronegativity. <i>Advanced Functional Materials</i> , 2020, 30, 2004181.	14.9	147
29	Wearable, ultrathin and transparent bacterial celluloses/MXene film with Janus structure and excellent mechanical property for electromagnetic interference shielding. <i>Chemical Engineering Journal</i> , 2021, 403, 126438.	12.7	145
30	Femtosecond Laser Weaving Superhydrophobic Patterned PDMS Surfaces with Tunable Adhesion. <i>Journal of Physical Chemistry C</i> , 2013, 117, 24907-24912.	3.1	143
31	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> , 2010, 22, 749-753.	21.0	142
32	Simultaneous nuclear imaging and intranuclear drug delivery by nuclear-targeted multifunctional upconversion nanoprobes. <i>Biomaterials</i> , 2012, 33, 7282-7290.	11.4	139
33	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> , 2018, 6, 7573-7584.	10.3	139
34	Maskless fabrication of concave microlens arrays on silica glasses by a femtosecond-laser-enhanced local wet etching method. <i>Optics Express</i> , 2010, 18, 20334.	3.4	138
35	Fabrication of a transparent superamphiphobic coating with improved stability. <i>Soft Matter</i> , 2011, 7, 6435.	2.7	137
36	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> , 2011, 21, 8612.	6.7	137

#	ARTICLE	IF	CITATIONS
37	Two-dimensional MXene-reinforced robust surface superhydrophobicity with self-cleaning and photothermal-actuating binary effects. <i>Materials Horizons</i> , 2019, 6, 1057-1065.	12.2	135
38	Hydroxyapatite nanosheet-assembled porous hollow microspheres: DNA-templated hydrothermal synthesis, drug delivery and protein adsorption. <i>Journal of Materials Chemistry</i> , 2012, 22, 22642.	6.7	134
39	Robust and Mechanically and Electrically Self-Healing Hydrogel for Efficient Electromagnetic Interference Shielding. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 8245-8257.	8.0	134
40	Solâ€“Gel Synthesis of Metalâ€“Phenolic Coordination Spheres and Their Derived Carbon Composites. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 9838-9843.	13.8	127
41	Highly Stable Amorphous Calcium Phosphate Porous Nanospheres: Microwaveâ€“Assisted Rapid Synthesis Using ATP as Phosphorus Source and Stabilizer, and Their Application in Anticancer Drug Delivery. <i>Chemistry - A European Journal</i> , 2013, 19, 981-987.	3.3	125
42	Femtosecond laser controlled wettability of solid surfaces. <i>Soft Matter</i> , 2015, 11, 8897-8906.	2.7	125
43	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> , 2018, 41, 109-119.	8.2	125
44	Multifunctional Eu ³⁺ /Gd ³⁺ dual-doped calcium phosphate vesicle-like nanospheres for sustained drug release and imaging. <i>Biomaterials</i> , 2012, 33, 6447-6455.	11.4	122
45	Photoinduced switchable underwater superoleophobicityâ€“superoleophilicity on laser modified titanium surfaces. <i>Journal of Materials Chemistry A</i> , 2015, 3, 10703-10709.	10.3	122
46	Oilâ€“Water Separation: A Gift from the Desert. <i>Advanced Materials Interfaces</i> , 2016, 3, 1500650.	3.7	121
47	<i>Nepenthes</i> Inspired Design of Selfâ€“Repairing Omniphobic Slippery Liquid Infused Porous Surface (SLIPS) by Femtosecond Laser Direct Writing. <i>Advanced Materials Interfaces</i> , 2017, 4, 1700552.	3.7	120
48	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> , 2018, 6, 11863-11873.	10.3	119
49	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.	14.6	114
50	Bioinspired Ultralight Inorganic Aerogel for Highly Efficient Air Filtration and Oilâ€“Water Separation. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 13019-13027.	8.0	112
51	Co-precipitation synthesis route to yttrium aluminum garnet (YAG) transparent ceramics. <i>Journal of the European Ceramic Society</i> , 2012, 32, 2971-2979.	5.7	110
52	Fabricating MnO ₂ Nanozymes as Intracellular Catalytic DNA Circuit Generators for Versatile Imaging of Baseâ€“Excision Repair in Living Cells. <i>Advanced Functional Materials</i> , 2017, 27, 1702748.	14.9	106
53	Phase change material with anisotropically high thermal conductivity and excellent shape stability due to its robust cellulose/BNNSs skeleton. <i>Journal of Materials Chemistry A</i> , 2019, 7, 19364-19373.	10.3	103
54	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> , 2011, 21, 16558.	6.7	102

#	ARTICLE	IF	CITATIONS
55	Dragonfly-Inspired Artificial Compound Eyes with Sophisticated Imaging. <i>Advanced Functional Materials</i> , 2016, 26, 1995-2001.	14.9	102
56	Bioinspired transparent underwater superoleophobic and anti-oil surfaces. <i>Journal of Materials Chemistry A</i> , 2015, 3, 9379-9384.	10.3	99
57	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> , 2014, 86, 8098-8105.	6.5	98
58	A Review of Femtosecond-Laser-Induced Underwater Superoleophobic Surfaces. <i>Advanced Materials Interfaces</i> , 2018, 5, 1701370.	3.7	95
59	3D Silver Nanoparticles Decorated Zinc Oxide/Silicon Heterostructured Nanomaterial Arrays as High-Performance Surface-Enhanced Raman Scattering Substrates. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 5725-5735.	8.0	93
60	Calcium phosphate-phosphorylated adenosine hybrid microspheres for anti-osteosarcoma drug delivery and osteogenic differentiation. <i>Biomaterials</i> , 2017, 121, 1-14.	11.4	93
61	Completely Green Approach for the Preparation of Strong and Highly Conductive Graphene Composite Film by Using Nanocellulose as Dispersing Agent and Mechanical Compression. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 9102-9113.	6.7	90
62	Programming Enzyme-Initiated Autonomous DNAzyme Nanodevices in Living Cells. <i>ACS Nano</i> , 2017, 11, 11908-11914.	14.6	89
63	A review of femtosecond laser-structured superhydrophobic or underwater superoleophobic porous surfaces/materials for efficient oil/water separation. <i>RSC Advances</i> , 2019, 9, 12470-12495.	3.6	89
64	Nucleic Acids Analysis. <i>Science China Chemistry</i> , 2021, 64, 171-203.	8.2	88
65	Synthesis of La ³⁺ doped mesoporous titania with highly crystallized walls. <i>Microporous and Mesoporous Materials</i> , 2005, 79, 93-99.	4.4	87
66	Highly sensitive fluorescence assay of DNA methyltransferase activity via methylation-sensitive cleavage coupled with nicking enzyme-assisted signal amplification. <i>Biosensors and Bioelectronics</i> , 2013, 42, 56-61.	10.1	87
67	Nanosheet-assembled hierarchical nanostructures of hydroxyapatite: surfactant-free microwave-hydrothermal rapid synthesis, protein/DNA adsorption and pH-controlled release. <i>CrystEngComm</i> , 2013, 15, 206-212.	2.6	86
68	Femtosecond Laser Direct Writing of Porous Network Microstructures for Fabricating Super-Slippery Surfaces with Excellent Liquid Repellence and Anti-Cell Proliferation. <i>Advanced Materials Interfaces</i> , 2018, 5, 1701479.	3.7	86
69	Study on structural changes of microwave heat-moisture treated resistant <i>Canna edulis</i> Ker starch during digestion in vitro. <i>Food Hydrocolloids</i> , 2010, 24, 27-34.	10.7	85
70	Microwave-assisted hydrothermal rapid synthesis of hydroxyapatite nanowires using adenosine 5'-triphosphate disodium salt as phosphorus source. <i>Materials Letters</i> , 2012, 85, 71-73.	2.6	85
71	Surfactant-free solvothermal synthesis of hydroxyapatite nanowire/nanotube ordered arrays with biomimetic structures. <i>CrystEngComm</i> , 2011, 13, 1858-1863.	2.6	84
72	Surface modifications of boron nitride nanosheets for poly(vinylidene fluoride) based film capacitors: advantages of edge-hydroxylation. <i>Journal of Materials Chemistry A</i> , 2019, 7, 7664-7674.	10.3	82

#	ARTICLE	IF	CITATIONS
73	Electrospun chitosan-P(LLA-CL) nanofibers for biomimetic extracellular matrix. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2008, 19, 677-691.	3.5	80
74	Green in Situ Synthesis of Clean 3D Chestnutlike Ag/WO ₃ Nanostructures for Highly Efficient, Recyclable and Sensitive SERS Sensing. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 7436-7446.	8.0	80
75	Intracellular Entropy-Driven Multi-Bit DNA Computing for Tumor Progression Discrimination. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 13267-13272.	13.8	80
76	Prognostic value of immune checkpoint molecules in breast cancer. <i>Bioscience Reports</i> , 2020, 40, .	2.4	80
77	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.	5.0	79
78	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.	9.4	78
79	Europium-doped amorphous calcium phosphate porous nanospheres: preparation and application as luminescent drug carriers. <i>Nanoscale Research Letters</i> , 2011, 6, 67.	5.7	77
80	Hydrophobic cellulose films with excellent strength and toughness via ball milling activated acylation of microfibrillated cellulose. <i>Carbohydrate Polymers</i> , 2016, 154, 129-138.	10.2	76
81	Chitosan-coated mesoporous microspheres of calcium silicate hydrate: Environmentally friendly synthesis and application as a highly efficient adsorbent for heavy metal ions. <i>Journal of Colloid and Interface Science</i> , 2014, 418, 208-215.	9.4	75
82	Dependence of mechanical properties on β -form content and crystalline morphology for β -nucleated isotactic polypropylene. <i>Polymers for Advanced Technologies</i> , 2011, 22, 2044-2054.	3.2	74
83	Cardioprotective mechanism of SGLT2 inhibitor against myocardial infarction is through reduction of autosis. <i>Protein and Cell</i> , 2022, 13, 336-359.	11.0	74
84	Hydroxyapatite nanorods/poly(vinyl pyrrolidone) composite nanofibers, arrays and three-dimensional fabrics: Electrospun preparation and transformation to hydroxyapatite nanostructures. <i>Acta Biomaterialia</i> , 2010, 6, 3013-3020.	8.3	73
85	Microwave Hydrothermal Transformation of Amorphous Calcium Carbonate Nanospheres and Application in Protein Adsorption. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 4310-4320.	8.0	72
86	<p>Engineering of Aerogel-Based Biomaterials for Biomedical Applications</p>. <i>International Journal of Nanomedicine</i> , 2020, Volume 15, 2363-2378.	6.7	72
87	Control of the hierarchical structure of polymer articles via α -structuring-processing. <i>Progress in Polymer Science</i> , 2014, 39, 891-920.	24.7	71
88	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.	4.8	71
89	Silicone-Coated MXene/Cellulose Nanofiber Aerogel Films with Photothermal and Joule Heating Performances for Electromagnetic Interference Shielding. <i>ACS Applied Nano Materials</i> , 2021, 4, 7234-7243.	5.0	71
90	Flower-Like Hierarchically Nanostructured Hydroxyapatite Hollow Spheres: Facile Preparation and Application in Anticancer Drug Cellular Delivery. <i>Chemistry - an Asian Journal</i> , 2010, 5, 2477-2482.	3.3	70

#	ARTICLE	IF	CITATIONS
91	A methylation-blocked cascade amplification strategy for label-free colorimetric detection of DNA methyltransferase activity. <i>Biosensors and Bioelectronics</i> , 2014, 54, 565-570.	10.1	70
92	Enhanced osteogenesis and angiogenesis by mesoporous hydroxyapatite microspheres-derived simvastatin sustained release system for superior bone regeneration. <i>Scientific Reports</i> , 2017, 7, 44129.	3.3	70
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.	6.7	69
94	Photo-Fenton degradation of malachite green catalyzed by aromatic compounds under visible light irradiation. <i>New Journal of Chemistry</i> , 2002, 26, 336-341.	2.8	67
95	Influence of electronic effects from bridging groups on synthetic reaction and thermally activated polymerization of bisphenolâ€based benzoxazines. <i>Journal of Polymer Science Part A</i> , 2011, 49, 1443-1452.	2.3	67
96	Systemic and cerebral exposure to and pharmacokinetics of flavonols and terpene lactones after dosing standardized <i>inkgo biloba</i> leaf extracts to rats via different routes of administration. <i>British Journal of Pharmacology</i> , 2013, 170, 440-457.	5.4	67
97	A novel lncRNAâ€LINC01116 regulates tumorigenesis of glioma by targeting VEGFA. <i>International Journal of Cancer</i> , 2020, 146, 248-261.	5.1	67
98	Synthesis, Structural Characterizations and Magnetic Properties of a Series of Mono-, Di- and Polynuclear Manganese Pyridinecarboxylate Compounds. <i>European Journal of Inorganic Chemistry</i> , 2004, 2004, 1454-1464.	2.0	66
99	Hydrothermal synthesis of hydroxyapatite nanorods and nanowires using riboflavin-5â€phosphate monosodium salt as a new phosphorus source and their application in protein adsorption. <i>CrystEngComm</i> , 2013, 15, 7926.	2.6	66
100	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> , 2013, 9, 2911-2925.	10.0	66
101	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 & Interfaces</i> , 2017, 9, 3306-3317.	8.0	66
102	Mechanically Strong Chitin Fibers with Nanofibril Structure, Biocompatibility, and Biodegradability. <i>Chemistry of Materials</i> , 2019, 31, 2078-2087.	6.7	66
103	Chiral guanosine 5â€monophosphate-capped gold nanoflowers: Controllable synthesis, characterization, surface-enhanced Raman scattering activity, cellular imaging and photothermal therapy. <i>Nano Research</i> , 2012, 5, 630-639.	10.4	65
104	Superior strength and highly thermoconductive cellulose/ boron nitride film by stretch-induced alignment. <i>Journal of Materials Chemistry A</i> , 2021, 9, 10304-10315.	10.3	65
105	The preparation and properties of polystyrene/functionalized graphene nanocomposite foams using supercritical carbon dioxide. <i>Polymer International</i> , 2013, 62, 1077-1084.	3.1	64
106	Single copy-sensitive electrochemical assay for circulating methylated DNA in clinical samples with ultrahigh specificity based on a sequential discriminationâ€amplification strategy. <i>Chemical Science</i> , 2017, 8, 4764-4770.	7.4	64
107	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. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 8667-8675.	8.0	64
108	Title is missing!. <i>Catalysis Letters</i> , 1999, 58, 245-247.	2.6	63

#	ARTICLE	IF	CITATIONS
109	Cross-Linking of Gelatin and Chitosan Complex Nanofibers for Tissue-Engineering Scaffolds. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2011, 22, 1099-1113.	3.5	63
110	Fabrication of through holes in silicon carbide using femtosecond laser irradiation and acid etching. <i>Applied Surface Science</i> , 2014, 289, 529-532.	6.1	61
111	Green, Biodegradable, Underwater Superoleophobic Wood Sheet for Efficient Oil/Water Separation. <i>ACS Omega</i> , 2018, 3, 1395-1402.	3.5	61
112	Green Production of Regenerated Cellulose/Boron Nitride Nanosheet Textiles for Static and Dynamic Personal Cooling. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 40685-40693.	8.0	61
113	DNA Triplex and Quadruplex Assembled Nanosensors for Correlating K^+ and pH in Lysosomes. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 5453-5458.	13.8	61
114	Calcium phosphate/PLGA-mPEG hybrid porous nanospheres: A promising vector with ultrahigh gene loading and transfection efficiency. <i>Journal of Materials Chemistry</i> , 2010, 20, 1161-1166.	6.7	60
115	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> , 2013, 41, 764-770.	10.1	60
116	Stable superhydrophobic surface with hierarchical mesh-porous structure fabricated by a femtosecond laser. <i>Applied Physics A: Materials Science and Processing</i> , 2013, 111, 243-249.	2.3	60
117	Reversible Underwater Lossless Oil Droplet Transportation. <i>Advanced Materials Interfaces</i> , 2015, 2, 1400388.	3.7	60
118	Preparation and enhanced mechanical properties of hybrid hydrogels comprising ultralong hydroxyapatite nanowires and sodium alginate. <i>Journal of Colloid and Interface Science</i> , 2017, 497, 266-275.	9.4	60
119	Hydroxyapatite Nanowire@Magnesium Silicate Core-Shell Hierarchical Nanocomposite: Synthesis and Application in Bone Regeneration. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 16435-16447.	8.0	60
120	Polydopamine@Gold Nanowaxberry Enabling Improved SERS Sensing of Pesticides, Pollutants, and Explosives in Complex Samples. <i>Analytical Chemistry</i> , 2018, 90, 9048-9054.	6.5	60
121	Polyhedral Oligomeric Silsesquioxanes Based Ultralow- k Materials: The Effect of Cage Size. <i>Advanced Functional Materials</i> , 2021, 31, 2102074.	14.9	60
122	A promising alternative to conventional polyethylene with poly(propylene carbonate) reinforced by graphene oxide nanosheets. <i>Journal of Materials Chemistry</i> , 2011, 21, 17627.	6.7	58
123	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> , 2013, 8, 1313-1320.	3.3	58
124	Hydrothermal syntheses, crystal structures and luminescent properties of zinc(II) coordination polymers constructed by bifunctional tetrazolate-5-carboxylate ligands. <i>CrystEngComm</i> , 2010, 12, 260-269.	2.6	57
125	Ultralong hydroxyapatite nanowires synthesized by solvothermal treatment using a series of phosphate sodium salts. <i>Materials Letters</i> , 2015, 144, 135-137.	2.6	57
126	Hydroxylapatite nanorods: An efficient and promising carrier for gene transfection. <i>Journal of Colloid and Interface Science</i> , 2010, 345, 427-432.	9.4	56

#	ARTICLE	IF	CITATIONS
127	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.	5.8	56
128	Mechanically Strong Multifilament Fibers Spun from Cellulose Solution via Inducing Formation of Nanofibers. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 5314-5321.	6.7	56
129	Smart photocatalytic removal of ammonia through molecular recognition of zinc ferrite/reduced graphene oxide hybrid catalyst under visible-light irradiation. <i>Catalysis Science and Technology</i> , 2017, 7, 3210-3219.	4.1	55
130	Amorphous calcium phosphate/poly(D,L-lactic acid) composite nanofibers: Electrospinning preparation and biomineralization. <i>Journal of Colloid and Interface Science</i> , 2011, 359, 371-379.	9.4	54
131	Mismatch Extension of DNA Polymerases and High-Accuracy Single Nucleotide Polymorphism Diagnostics by Gold Nanoparticle-Improved Isothermal Amplification. <i>Analytical Chemistry</i> , 2015, 87, 8718-8723.	6.5	54
132	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.	9.4	54
133	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.	8.0	54
134	Compressed Ultrafast Spectral-Temporal Photography. <i>Physical Review Letters</i> , 2019, 122, 193904.	7.8	54
135	Microwave-assisted synthesis of hydroxyapatite hollow microspheres in aqueous solution. <i>Materials Letters</i> , 2011, 65, 2361-2363.	2.6	53
136	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.	5.8	53
137	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.	3.6	53
138	Towards high-performance poly(L-lactide)/elastomer blends with tunable interfacial adhesion and matrix crystallization via constructing stereocomplex crystallites at the interface. <i>RSC Advances</i> , 2014, 4, 49374-49385.	3.6	52
139	Highly Flexible Multifunctional Biopaper Comprising Chitosan Reinforced by Ultralong Hydroxyapatite Nanowires. <i>Chemistry - A European Journal</i> , 2017, 23, 3850-3862.	3.3	52
140	Magnetic nanocomposite of hydroxyapatite ultrathin nanosheets/Fe ₃ O ₄ nanoparticles: microwave-assisted rapid synthesis and application in pH-responsive drug release. <i>Biomaterials Science</i> , 2013, 1, 1074.	5.4	51
141	Multifunctional Calcium Phosphate Nanostructured Materials and Biomedical Applications. <i>Current Nanoscience</i> , 2014, 10, 465-485.	1.2	51
142	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. <i>Chemistry - an Asian Journal</i> , 2013, 8, 88-94.	3.3	50
143	Nature-Inspired Superwettability Achieved by Femtosecond Lasers. <i>Ultrafast Science</i> , 2022, 2022, .	11.2	50
144	Mutual wetting transition between isotropic and anisotropic on directional structures fabricated by femtosecond laser. <i>Soft Matter</i> , 2011, 7, 8337.	2.7	49

#	ARTICLE	IF	CITATIONS
145	Electrospinning of PELA/PPY Fibrous Conduits: Promoting Peripheral Nerve Regeneration in Rats by Self-Originated Electrical Stimulation. <i>ACS Biomaterials Science and Engineering</i> , 2016, 2, 1572-1581.	5.2	49
146	Fabrication of bioinspired omnidirectional and gapless microlens array for wide field-of-view detections. <i>Applied Physics Letters</i> , 2012, 100, .	3.3	48
147	Hierarchical Assembly of Monodisperse Hydroxyapatite Nanowires and Construction of High-Strength Fire-Resistant Inorganic Paper with High-Temperature Flexibility. <i>ChemNanoMat</i> , 2017, 3, 259-268.	2.8	48
148	Bioinspired Fabrication of Bi/Tridirectionally Anisotropic Sliding Superhydrophobic PDMS Surfaces by Femtosecond Laser. <i>Advanced Materials Interfaces</i> , 2018, 5, 1701245.	3.7	48
149	Enhanced Photocatalytic H ₂ Production on Three-Dimensional Porous CeO ₂ /Carbon Nanostructure. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 9691-9698.	6.7	48
150	How To Obtain Six Different Superwettabilities on a Same Microstructured Pattern: Relationship between Various Superwettabilities in Different Solid/Liquid/Gas Systems. <i>Langmuir</i> , 2019, 35, 921-927.	3.5	48
151	Designing "Supermetaphobic" Surfaces that Greatly Repel Liquid Metal by Femtosecond Laser Processing: Does the Surface Chemistry or Microstructure Play a Crucial Role?. <i>Advanced Materials Interfaces</i> , 2020, 7, 1901931.	3.7	48
152	Zinc(II) and Cadmium(II) Coordination Polymers Based on 3-(5-Hydroxy-1H-tetrazolyl)benzoate Ligand with Different Coordination Modes: Hydrothermal Syntheses, Crystal Structures and Ligand-Centered Luminescence. <i>European Journal of Inorganic Chemistry</i> , 2010, 2010, 4982-4991.	2.0	47
153	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> , 2011, 7, 428-434.	3.3	47
154	Methylation-blocked enzymatic recycling amplification for highly sensitive fluorescence sensing of DNA methyltransferase activity. <i>Analyst</i> , The, 2013, 138, 284-289.	3.5	47
155	Influences of Coagulation Conditions on the Structure and Properties of Regenerated Cellulose Filaments via Wet-Spinning in LiOH/Urea Solvent. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 4056-4067.	6.7	47
156	Photochemical synthesis of ZnO@Au nanorods as an advanced reusable SERS substrate for ultrasensitive detection of light-resistant organic pollutant in wastewater. <i>Talanta</i> , 2019, 194, 680-688.	5.5	47
157	Amplified fluorescence detection of mercury(ii) ions (Hg ²⁺) using target-induced DNAzyme cascade with catalytic and molecular beacons. <i>Analyst</i> , The, 2012, 137, 2799.	3.5	46
158	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.	5.8	46
159	Programming <i>in situ</i> accelerated DNA walkers in diffusion-limited microenvironments. <i>Chemical Science</i> , 2019, 10, 3103-3109.	7.4	46
160	Gasdermin D inhibition confers antineutrophil-mediated cardioprotection in acute myocardial infarction. <i>Journal of Clinical Investigation</i> , 2022, 132, .	8.2	46
161	Synthesis, Structure and Magnetic Properties of a Series of Novel Isophthalate-Bridged Manganese(II) Polymers with Double-Layer or Double-Chain Structures. <i>European Journal of Inorganic Chemistry</i> , 2004, 2004, 3316-3325.	2.0	45
162	Genotyping of human papillomavirus in cervical lesions by L1 consensus PCR and the Luminex xMAP system. <i>Journal of Medical Microbiology</i> , 2006, 55, 715-720.	1.8	45

#	ARTICLE	IF	CITATIONS
163	Rodent stroke induced by photochemical occlusion of proximal middle cerebral artery: Evolution monitored with MR imaging and histopathology. <i>European Journal of Radiology</i> , 2007, 63, 68-75.	2.6	45
164	Amorphous calcium silicate hydrate/block copolymer hybrid nanoparticles: synthesis and application as drug carriers. <i>Dalton Transactions</i> , 2013, 42, 7032.	3.3	45
165	MnO ₂ -Nanosheet-Powered Protective Janus DNA Nanomachines Supporting Robust RNA Imaging. <i>Analytical Chemistry</i> , 2018, 90, 2271-2276.	6.5	45
166	Bioinspired MXene-Based User-Interactive Electronic Skin for Digital and Visual Dual-Channel Sensing. <i>Nano-Micro Letters</i> , 2022, 14, 119.	27.0	45
167	Bioinspired superhydrophobic surfaces with directional Adhesion. <i>RSC Advances</i> , 2014, 4, 8138.	3.6	44
168	Ag Nanoparticles Decorated Cactus-Like Ag Dendrites/Si Nanoneedles as Highly Efficient 3D Surface-Enhanced Raman Scattering Substrates toward Sensitive Sensing. <i>Analytical Chemistry</i> , 2015, 87, 10527-10534.	6.5	44
169	Accurate Electrochemistry Analysis of Circulating Methylated DNA from Clinical Plasma Based on Paired-End Tagging and Amplifications. <i>Analytical Chemistry</i> , 2017, 89, 10468-10473.	6.5	44
170	Strong and Highly Conductive Graphene Composite Film Based on the Nanocellulose-Assisted Dispersion of Expanded Graphite and Incorporation of Poly(ethylene oxide). <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 5045-5056.	6.7	43
171	DNA Triplex and Quadruplex Assembled Nanosensors for Correlating K ⁺ and pH in Lysosomes. <i>Angewandte Chemie</i> , 2021, 133, 5513-5518.	2.0	43
172	The study on the degradation and mineralization mechanism of ion-doped calcium polyphosphate <i>in vitro</i> . <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2009, 89B, 430-438.	3.4	42
173	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.	5.8	42
174	Synthesis and Characterization of Magnetic Iron Oxide/Calcium Silicate Mesoporous Nanocomposites as a Promising Vehicle for Drug Delivery. <i>ACS Applied Materials & Interfaces</i> , 2012, 4, 6969-6974.	8.0	41
175	One-step highly sensitive fluorescence detection of T4 polynucleotide kinase activity and biological small molecules by ligation-nicking coupled reaction-mediated signal amplification. <i>Biosensors and Bioelectronics</i> , 2013, 47, 218-224.	10.1	41
176	ATP-stabilized Amorphous Calcium Carbonate Nanospheres and Their Application in Protein Adsorption. <i>Small</i> , 2014, 10, 2047-2056.	10.0	41
177	Ultralong Hydroxyapatite Nanowire/Collagen Biopaper with High Flexibility, Improved Mechanical Properties and Excellent Cellular Attachment. <i>Chemistry - an Asian Journal</i> , 2017, 12, 655-664.	3.3	41
178	Biocompatible, Ultralight, Strong Hydroxyapatite Networks Based on Hydroxyapatite Microtubes with Excellent Permeability and Ultralow Thermal Conductivity. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 7918-7928.	8.0	41
179	Tumor resistance to vascular disrupting agents: mechanisms, imaging, and solutions. <i>Oncotarget</i> , 2016, 7, 15444-15459.	1.8	41
180	Mechanically reinforced chitosan/cellulose nanocrystals composites with good transparency and biocompatibility. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2015, 33, 61-69.	3.8	40

#	ARTICLE	IF	CITATIONS
181	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.	9.4	40
182	Preparation of polyvinylidene fluoride/expanded graphite composites with enhanced thermal conductivity via ball milling treatment. <i>RSC Advances</i> , 2016, 6, 45578-45584.	3.6	40
183	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.	3.6	40
184	Solvothermal synthesis of oriented hydroxyapatite nanorod/nanosheet arrays using creatine phosphate as phosphorus source. <i>CrystEngComm</i> , 2013, 15, 4527.	2.6	39
185	Adsorption and Synergetic Fenton-like Degradation of Methylene Blue by a Novel Mesoporous $\text{Fe}_2\text{O}_3/\text{SiO}_2$ at Neutral pH. <i>Industrial & Engineering Chemistry Research</i> , 2018, 57, 5539-5549.	3.7	39
186	Sol-Gel Synthesis of Metal-Phenolic Coordination Spheres and Their Derived Carbon Composites. <i>Angewandte Chemie</i> , 2018, 130, 9986-9991.	2.0	39
187	Rapid microwave-assisted synthesis and characterization of cellulose-hydroxyapatite nanocomposites in N,N-dimethylacetamide solvent. <i>Carbohydrate Research</i> , 2010, 345, 1046-1050.	2.3	38
188	Amorphous calcium phosphate nanospheres/poly lactide composite coated tantalum scaffold: Facile preparation, fast biomineralization and subchondral bone defect repair application. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014, 123, 236-245.	5.0	38
189	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.	5.8	38
190	Femtosecond laser preparing patternable liquid-metal-repellent surface for flexible electronics. <i>Journal of Colloid and Interface Science</i> , 2020, 578, 146-154.	9.4	38
191	Porous nanocomposites of PEG-PLA/calcium phosphate: room-temperature synthesis and its application in drug delivery. <i>Dalton Transactions</i> , 2010, 39, 4435.	3.3	37
192	Microwave-assisted rapid synthesis and photocatalytic activity of mesoporous Nd-doped SrTiO_3 nanospheres and nanoplates. <i>Materials Letters</i> , 2013, 100, 62-65.	2.6	37
193	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.	3.6	37
194	Tunable luminescence and enhanced photocatalytic activity for Eu(III) doped Bi_2WO_6 nanoparticles. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2017, 177, 58-62.	3.9	37
195	Construction of core-shell tecto dendrimers based on supramolecular host-guest assembly for enhanced gene delivery. <i>Journal of Materials Chemistry B</i> , 2017, 5, 8459-8466.	5.8	37
196	Ultrasensitive and selective detection of nicotinamide adenine dinucleotide by target-triggered ligation-rolling circle amplification. <i>Chemical Communications</i> , 2012, 48, 3354.	4.1	36
197	Polymerase/nicking enzyme synergetic isothermal quadratic DNA machine and its application for one-step amplified biosensing of lead (II) ions at femtomole level and DNA methyltransferase. <i>NPG Asia Materials</i> , 2014, 6, e131-e131.	7.9	36
198	Enhanced thermoelectric properties of PEDOT:PSS films via a novel two-step treatment. <i>RSC Advances</i> , 2015, 5, 105592-105599.	3.6	36

#	ARTICLE	IF	CITATIONS
199	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.	5.8	36
200	Hydroxyapatite nanowire/collagen elastic porous nanocomposite and its enhanced performance in bone defect repair. <i>RSC Advances</i> , 2018, 8, 26218-26229.	3.6	36
201	Diabetes Exacerbates Myocardial Ischemia/Reperfusion Injury by Down-Regulation of MicroRNA and Up-Regulation of O-GlcNAcylation. <i>JACC Basic To Translational Science</i> , 2018, 3, 350-362.	4.1	36
202	Biocompatibility, Alignment Degree and Mechanical Properties of an Electrospun Chitosan/P(LLA-CL) Fibrous Scaffold. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2009, 20, 2117-2128.	3.5	35
203	Microwave-assisted hydrothermal preparation using adenosine 5'-triphosphate disodium salt as a phosphate source and characterization of zinc-doped amorphous calcium phosphate mesoporous microspheres. <i>Microporous and Mesoporous Materials</i> , 2013, 180, 79-85.	4.4	35
204	Preparation of cellulose-graft-poly(lactic acid) via melt copolycondensation for use in poly(lactic acid) based composites: synthesis, characterization and properties. <i>RSC Advances</i> , 2016, 6, 1973-1983.	3.6	35
205	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.	3.3	35
206	Calcium Phosphate Hybrid Nanoparticles: Self-Assembly Formation, Characterization, and Application as an Anticancer Drug Nanocarrier. <i>Chemistry - an Asian Journal</i> , 2013, 8, 1306-1312.	3.3	34
207	Synthesis and microphase separated structures of polydimethylsiloxane/polycarbonate-based polyurethanes. <i>RSC Advances</i> , 2013, 3, 8291.	3.6	34
208	Confine Clay in an Alternating Multilayered Structure through Injection Molding: A Simple and Efficient Route to Improve Barrier Performance of Polymeric Materials. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 10178-10189.	8.0	34
209	^{99m} Tc-Labeled RGD-Polyethylenimine Conjugates with Entrapped Gold Nanoparticles in the Cavities for Dual-Mode SPECT/CT Imaging of Hepatic Carcinoma. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 6146-6154.	8.0	34
210	Converting Immune Cold into Hot by Biosynthetic Functional Vesicles to Boost Systemic Antitumor Immunity. <i>IScience</i> , 2020, 23, 101341.	4.1	34
211	Donut-like MOFs of copper/nicotinic acid and composite hydrogels with superior bioactivity for rh-bFGF delivering and skin wound healing. <i>Journal of Nanobiotechnology</i> , 2021, 19, 275.	9.1	34
212	Interfacial enhancement of maleated polypropylene/silica composites using graphene oxide. <i>Journal of Applied Polymer Science</i> , 2012, 125, E348.	2.6	33
213	BRCA1 antibody- and Her2 antibody-conjugated amphiphilic polymer engineered CdSe/ZnS quantum dots for targeted imaging of gastric cancer. <i>Nanoscale Research Letters</i> , 2014, 9, 244.	5.7	33
214	Photocatalytic Simultaneous Removal of Nitrite and Ammonia via a Zinc Ferrite/Activated Carbon Hybrid Catalyst under UV-Visible Irradiation. <i>ACS Omega</i> , 2019, 4, 6411-6420.	3.5	33
215	Photothermal-triggered immunogenic nanotherapeutics for optimizing osteosarcoma therapy by synergizing innate and adaptive immunity. <i>Biomaterials</i> , 2022, 282, 121383.	11.4	33
216	Differentiated Visualization of Single-Cell 5-Hydroxymethylpyrimidines with Microfluidic Hydrogel Encoding. <i>Journal of the American Chemical Society</i> , 2020, 142, 2889-2896.	13.7	32

#	ARTICLE	IF	CITATIONS
217	High surface area carbonate apatite nanorod bundles: Surfactant-free sonochemical synthesis and drug loading and release properties. <i>Materials Research Bulletin</i> , 2013, 48, 1536-1540.	5.2	31
218	Strong and conductive double-network graphene/PVA gel. <i>RSC Advances</i> , 2014, 4, 39588.	3.6	31
219	Design and analysis of the cross-linked dual helical micromixer for rapid mixing at low Reynolds numbers. <i>Microfluidics and Nanofluidics</i> , 2015, 19, 169-180.	2.2	31
220	Abnormal functional connectivity strength in first-episode, drug-naïve adult patients with major depressive disorder. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2020, 97, 109759.	4.8	31
221	Extension-induced mechanical reinforcement in melt-spun fibers of polyamide 66/multiwalled carbon nanotube composites. <i>Polymer International</i> , 2011, 60, 1646-1654.	3.1	30
222	Nanostructured Calcium Phosphates: Preparation and Their Application in Biomedicine. <i>Nano Biomedicine and Engineering</i> , 2012, 4, .	0.9	30
223	Solvothermal Transformation of a Calcium Oleate Precursor into Large-Sized Highly Ordered Arrays of Ultralong Hydroxyapatite Microtubes. <i>Chemistry - A European Journal</i> , 2014, 20, 7116-7121.	3.3	30
224	Preparation of nylon MXD6/EG/CNTs ternary composites with excellent thermal conductivity and electromagnetic interference shielding effectiveness. <i>Chinese Journal of Polymer Science (English Edition)</i> 10 Tf 50	1.8	30
225	3D Multi-Microchannel Helical Mixer Fabricated by Femtosecond Laser inside Fused Silica. <i>Micromachines</i> , 2018, 9, 29.	2.9	30
226	Improving Damping Properties and Thermal Stability of Epoxy/Polyurethane Grafted Copolymer by Adding Glycidyl POSS. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2018, 36, 1297-1302.	3.8	30
227	IR Artificial Compound Eye. <i>Advanced Optical Materials</i> , 2020, 8, 1901767.	7.3	30
228	Stabilization of (SnS ₄) ⁴⁻ anion by coordinating to [TM(π -conjugated-ligand) _m] ⁿ⁺ complex: a chain-like thioannate(iv) {[Mn(phen)] ₂ (SnS ₄) _n ·nH ₂ O} exhibiting an unprecedented link mode of the (SnS ₄) ⁴⁻ anion. <i>CrystEngComm</i> , 2010, 12, 4035.	2.6	29
229	Preparation, structure and properties of thermoplastic olefin nanocomposites containing functionalized carbon nanotubes. <i>Polymer International</i> , 2011, 60, 1629-1637.	3.1	29
230	Microwave-assisted hydrothermal rapid synthesis of amorphous calcium phosphate nanoparticles and hydroxyapatite microspheres using cytidine 5'-triphosphate disodium salt as a phosphate source. <i>Materials Letters</i> , 2014, 124, 208-211.	2.6	29
231	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.	5.8	29
232	Great Framework Variation of Polymers in the Manganese(II) Maleate/ π -Diimine System: Syntheses, Structures, and Magneto-Structural Correlation. <i>European Journal of Inorganic Chemistry</i> , 2003, 2003, 2872-2879.	2.0	28
233	Inhibitory Impact of 3'-Terminal 5'-O-Methylated Small Silencing RNA on Target-Primed Polymerization and Unbiased Amplified Quantification of the RNA in <i>Arabidopsis thaliana</i> . <i>Analytical Chemistry</i> , 2015, 87, 8758-8764.	6.5	28
234	Integration of Great Water Repellence and Imaging Performance on a Superhydrophobic PDMS Microlens Array by Femtosecond Laser Microfabrication. <i>Advanced Engineering Materials</i> , 2019, 21, 1800994.	3.5	28

#	ARTICLE	IF	CITATIONS
235	Effect of molecular weight on the properties of poly(butylene succinate). Chinese Journal of Polymer Science (English Edition), 2014, 32, 953-960.	3.8	27
236	Yolk-shell Porous Microspheres of Calcium Phosphate Prepared by Using Calcium Lactate and Adenosine 5'-Triphosphate Disodium Salt: Application in Protein/Drug Delivery. Chemistry - A European Journal, 2015, 21, 9868-9876.	3.3	27
237	Microwave-assisted solvothermal synthesis and upconversion luminescence of CaF ₂ :Yb ³⁺ /Er ³⁺ nanocrystals. Journal of Colloid and Interface Science, 2015, 440, 39-45.	9.4	27
238	DNA-templated microwave-hydrothermal synthesis of nanostructured hydroxyapatite for storing and sustained release of an antibacterial protein. Dalton Transactions, 2016, 45, 1648-1656.	3.3	27
239	Engineered Janus probes modulate nucleic acid amplification to expand the dynamic range for direct detection of viral genomes in one microliter crude serum samples. Chemical Science, 2018, 9, 392-397.	7.4	27
240	Super Strong All-Cellulose Composite Filaments by Combination of Inducing Nanofiber Formation and Adding Nanofibrillated Cellulose. Biomacromolecules, 2018, 19, 4386-4395.	5.4	27
241	The hydroxyapatite microtubes enhanced GelMA hydrogel scaffold with inner pipeline framework structure for bone tissue regeneration. Composites Part B: Engineering, 2022, 228, 109396.	12.0	27
242	Single-step rapid microwave-assisted synthesis of polyacrylamide-calcium phosphate nanocomposites in aqueous solution. Materials Letters, 2009, 63, 1332-1334.	2.6	26
243	Two-Dimensional Porous SiO ₂ Nanostructures Derived from Renewable Petal Cells with Enhanced Adsorption Efficiency for Removal of Hazardous Dye. ACS Sustainable Chemistry and Engineering, 2017, 5, 3478-3487.	6.7	26
244	Ultralong hydroxyapatite nanowires/collagen scaffolds with hierarchical porous structure, enhanced mechanical properties and excellent cellular attachment. Ceramics International, 2017, 43, 15747-15754.	4.8	26
245	Selenium-doped hydroxyapatite biopapers with an anti-bone tumor effect by inducing apoptosis. Biomaterials Science, 2019, 7, 5044-5053.	5.4	26
246	Simple fabrication of closed-packed IR microlens arrays on silicon by femtosecond laser wet etching. Applied Physics A: Materials Science and Processing, 2015, 121, 157-162.	2.3	25
247	Durability of the tunable adhesive superhydrophobic PTFE surfaces for harsh environment applications. Applied Physics A: Materials Science and Processing, 2016, 122, 1.	2.3	25
248	Strengthening and toughening of thermoplastic polyolefin elastomer using polypropylene-grafted multiwalled carbon nanotubes. Journal of Applied Polymer Science, 2011, 121, 2104-2112.	2.6	24
249	Electrospinning of calcium phosphate-poly(D,L-lactic acid) nanofibers for sustained release of water-soluble drug and fast mineralization. International Journal of Nanomedicine, 2016, Volume 11, 5087-5097.	6.7	24
250	Dopamine-modified highly porous hydroxyapatite microtube networks with efficient near-infrared photothermal effect, enhanced protein adsorption and mineralization performance. Colloids and Surfaces B: Biointerfaces, 2017, 159, 337-348.	5.0	24
251	Remote, selective, and in situ manipulation of liquid droplets on a femtosecond laser-structured superhydrophobic shape-memory polymer by near-infrared light. Science China Chemistry, 2021, 64, 861-872.	8.2	24
252	A Universal Mechanochemistry Allows On-Demand Synthesis of Stable and Processable Liquid Metal Composites. Small Methods, 2022, 6, .	8.6	24

#	ARTICLE	IF	CITATIONS
253	The effects of antidepressant treatment on serotonergic and dopaminergic systems in Fawn Hooded rats: a quantitative autoradiography study. <i>Brain Research</i> , 2003, 976, 22-29.	2.2	23
254	Calcium Phosphate Nanocarriers Dual-Loaded with Bovine Serum Albumin and Ibuprofen: Facile Synthesis, Sequential Drug Loading and Sustained Drug Release. <i>Chemistry - an Asian Journal</i> , 2012, 7, 1610-1615.	3.3	23
255	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.	3.3	23
256	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.	3.6	23
257	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.	3.3	23
258	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.	3.6	23
259	Fabrication of electrospun PVDF nanofibers with higher content of polar β phase and smaller diameter by adding a small amount of dioctadecyl dimethyl ammonium chloride. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2017, 35, 992-1000.	3.8	23
260	Ultralong hydroxyapatite microtubes: solvothermal synthesis and application in drug loading and sustained drug release. <i>CrystEngComm</i> , 2017, 19, 1965-1973.	2.6	23
261	Underwater Transparent Miniature α -Mechanical Hand-Based on Femtosecond Laser-Induced Controllable Oil-Adhesive Patterned Glass for Oil Droplet Manipulation. <i>Langmuir</i> , 2017, 33, 3659-3665.	3.5	23
262	All-in-One Synchronized DNA Nanodevices Facilitating Multiplexed Cell Imaging. <i>Analytical Chemistry</i> , 2019, 91, 4696-4701.	6.5	23
263	Tannic Acid: A green and efficient stabilizer of Au, Ag, Cu and Pd nanoparticles for the 4-Nitrophenol Reduction, Suzuki-Miyaura coupling reactions and click reactions in aqueous solution. <i>Journal of Colloid and Interface Science</i> , 2021, 604, 281-291.	9.4	23
264	Solvothermal synthesis, characterization and magnetic properties of γ -Fe ₂ O ₃ and Fe ₃ O ₄ flower-like hollow microspheres. <i>Journal of Solid State Chemistry</i> , 2013, 199, 204-211.	2.9	22
265	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.	3.6	22
266	MtDNA analysis reveals enriched pathogenic mutations in Tibetan highlanders. <i>Scientific Reports</i> , 2016, 6, 31083.	3.3	22
267	A facile way to large-scale production of few-layered graphene via planetary ball mill. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2016, 34, 1270-1280.	3.8	22
268	Femtosecond-Laser-Produced Underwater α -Superpolymphobic Nanorippled Surfaces: Repelling Liquid Polymers in Water for Applications of Controlling Polymer Shape and Adhesion. <i>ACS Applied Nano Materials</i> , 2019, 2, 7362-7371.	5.0	22
269	Femtosecond Laser-Induced Underwater Superoleophobic Surfaces with Reversible pH-Responsive Wettability. <i>Langmuir</i> , 2019, 35, 3295-3301.	3.5	22
270	Magnetically Controllable Isotropic/Anisotropic Slippery Surface for Flexible Droplet Manipulation. <i>Langmuir</i> , 2020, 36, 15403-15409.	3.5	22

#	ARTICLE	IF	CITATIONS
271	Underwater Superaerophobicity/Superaerophilicity and Unidirectional Bubble Passage Based on the Femtosecond Laser-Structured Stainless Steel Mesh. <i>Advanced Materials Interfaces</i> , 2020, 7, 1902128.	3.7	22
272	Calcium phosphate/block copolymer hybrid porous nanospheres: Preparation and application in drug delivery. <i>Materials Letters</i> , 2010, 64, 2299-2301.	2.6	21
273	High-Performance Laser Beam Homogenizer Based on Double-Sided Concave Microlens. <i>IEEE Photonics Technology Letters</i> , 2014, 26, 2086-2089.	2.5	21
274	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.	5.8	21
275	Hydrothermal synthesis of hydroxyapatite nanorods using pyridoxal-5-phosphate as a phosphorus source. <i>Materials Research Bulletin</i> , 2014, 55, 67-70.	5.2	21
276	Diagnostic Accuracy of Noncontrast CT in Detecting Acute Appendicitis: A Meta-analysis of Prospective Studies. <i>American Surgeon</i> , 2015, 81, 626-629.	0.8	21
277	Femtosecond laser controlling underwater oil-adhesion of glass surface. <i>Applied Physics A: Materials Science and Processing</i> , 2015, 119, 837-844.	2.3	21
278	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.	3.6	21
279	Enzymatic Reaction Generates Biomimic Nanominerals with Superior Bioactivity. <i>Small</i> , 2018, 14, e1804321.	10.0	21
280	Microfluidic Channels Fabrication Based on Underwater Superpolymphobic Microgrooves Produced by Femtosecond Laser Direct Writing. <i>ACS Applied Polymer Materials</i> , 2019, 1, 2819-2825.	4.4	21
281	Femtosecond Laser-Structured Underwater Superpolymphobic Surfaces. <i>Langmuir</i> , 2019, 35, 9318-9322.	3.5	21
282	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.	5.8	20
283	Effect of chain structure on the thermal conductivity of expanded graphite/polymer composites. <i>RSC Advances</i> , 2016, 6, 10185-10191.	3.6	20
284	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.	9.4	20
285	Green and Economical Strategy for Spinning Robust Cellulose Filaments. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 14927-14937.	6.7	20
286	Enhanced interfacial adhesion via interfacial crystallization between sisal fiber and isotactic polypropylene: direct evidence from single-fiber fragmentation testing. <i>Polymer International</i> , 2014, 63, 646-651.	3.1	19
287	The effect of hard block content on the orientation and mechanical properties of olefin block copolymer films as obtained via melt stretching. <i>RSC Advances</i> , 2015, 5, 82535-82543.	3.6	19
288	Functional and Biomimetic DNA Nanostructures on Lipid Membranes. <i>Langmuir</i> , 2018, 34, 14721-14730.	3.5	19

#	ARTICLE	IF	CITATIONS
289	A high-efficiency three-dimensional helical micromixer in fused silica. <i>Microsystem Technologies</i> , 2013, 19, 1033-1040.	2.0	18
290	Process for the fabrication of complex three-dimensional microcoils in fused silica. <i>Optics Letters</i> , 2013, 38, 2911.	3.3	18
291	Largely Improved Mechanical Properties of a Poly(styrene- <i>b</i> -isoprene- <i>b</i> -styrene) Thermoplastic Elastomer Prepared under Dynamic-Packing Injection Molding. <i>Industrial & Engineering Chemistry Research</i> , 2014, 53, 15287-15295.	3.7	18
292	Using an "underwater superoleophobic pattern" to make a liquid lens array. <i>RSC Advances</i> , 2015, 5, 40907-40911.	3.6	18
293	A femtosecond laser-induced superhydrophobic surface: beyond superhydrophobicity and repelling various complex liquids. <i>RSC Advances</i> , 2019, 9, 6650-6657.	3.6	18
294	Reducing Adhesion for Dispensing Tiny Water/Oil Droplets and Gas Bubbles by Femtosecond Laser-Treated Needle Nozzles: Superhydrophobicity, Superoleophobicity, and Superaerophobicity. <i>ChemNanoMat</i> , 2019, 5, 241-249.	2.8	18
295	Facile Construction of Porous Magnetic Nanoparticles from Ferrocene-Functionalized Polyhedral Oligomeric Silsesquioxane-Containing Microparticles for Dye Adsorption. <i>Industrial & Engineering Chemistry Research</i> , 2020, 59, 9532-9540.	3.7	18
296	Aptamer-Functionalized Microdevices for Bioanalysis. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 9402-9411.	8.0	18
297	Liquid-Infused Slippery Stainless Steel Surface Prepared by Alcohol-Assisted Femtosecond Laser Ablation. <i>Advanced Materials Interfaces</i> , 2021, 8, 2001334.	3.7	18
298	Photoredox-Catalyzed Addition of Dibromofluoromethane to Alkenes: Direct Synthesis of 1-Bromo-1-fluoroalkanes. <i>Organic Letters</i> , 2021, 23, 2364-2369.	4.6	18
299	Preparation of expanded graphite/poly (phenylene sulfide) composites with high thermal and electrical conductivity by rotating solid-state premixing and melt processing. <i>Journal of Materials Science</i> , 2013, 48, 1932-1939.	3.7	17
300	Preparation of Polylactide Composite with Excellent Flame Retardance and Improved Mechanical Properties. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2018, 36, 1385-1393.	3.8	17
301	Intracellular Entropy-Driven Multi-Bit DNA Computing for Tumor Progression Discrimination. <i>Angewandte Chemie</i> , 2020, 132, 13369-13374.	2.0	17
302	Simple and Low-Cost Oil/Water Separation Based on the Underwater Superoleophobicity of the Existing Materials in Our Life or Nature. <i>Frontiers in Chemistry</i> , 2020, 8, 507.	3.6	17
303	Cellular macromolecules-tethered DNA walking indexing to explore nanoenvironments of chromatin modifications. <i>Nature Communications</i> , 2021, 12, 1965.	12.8	17
304	Simultaneous improvements of thermal stability and mechanical properties of poly(propylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 147 Science (English Edition), 2014, 32, 1724-1736.	3.8	16
305	Effect of melting temperature on interfacial interaction and mechanical properties of polypropylene (PP) fiber reinforced olefin block copolymers (OBCs). <i>RSC Advances</i> , 2014, 4, 45234-45243.	3.6	16
306	Using POSS-C ₆₀ giant molecules as a novel compatibilizer for PS/PMMA polymer blends. <i>RSC Advances</i> , 2016, 6, 18924-18928.	3.6	16

#	ARTICLE	IF	CITATIONS
307	DNA-Mediated Assembly of Gold Nanoparticles and Applications in Bioanalysis. <i>ChemNanoMat</i> , 2017, 3, 725-735.	2.8	16
308	Trapped Air-Induced Reversible Transition between Underwater Superaerophilicity and Superaerophobicity on the Femtosecond Laser-Ablated Superhydrophobic PTFE Surfaces. <i>Advanced Materials Interfaces</i> , 2019, 6, 1900262.	3.7	16
309	Enhanced thermal conductivity and wear resistance of polytetrafluoroethylene via incorporating hexagonal boron nitride and alumina particles. <i>Journal of Applied Polymer Science</i> , 2022, 139, 51497.	2.6	16
310	Water/gas separation based on the selective bubble-passage effect of underwater superaerophobic and superaerophilic meshes processed by a femtosecond laser. <i>Nanoscale</i> , 2021, 13, 10414-10424.	5.6	16
311	Maternal high estradiol exposure alters CDKN1C and IGF2 expression in human placenta. <i>Placenta</i> , 2018, 61, 72-79.	1.5	16
312	Computer-aided design of reversible hybridization chain reaction (CAD-HCR) enables multiplexed single-cell spatial proteomics imaging. <i>Science Advances</i> , 2022, 8, eabk0133.	10.3	16
313	Autoradiographic quantification of neurochemical markers of serotonin, dopamine and opioid systems in rat brain mesolimbic regions following chronic St. John's wort treatment. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2003, 367, 126-133.	3.0	15
314	Sequence-length variation of mtDNA HVS-I C-stretch in Chinese ethnic groups. <i>Journal of Zhejiang University: Science B</i> , 2009, 10, 711-720.	2.8	15
315	Effect of melt temperature on the phase morphology, thermal behavior and mechanical properties of injection-molded PP/LLDPE blends. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2010, 28, 249-255.	3.8	15
316	Shape measurement of objects using an ultrafast optical Kerr gate of bismuth glass. <i>Journal of Applied Physics</i> , 2010, 107, 043104.	2.5	15
317	Synergistic effects of γ -modification and impact polypropylene copolymer on brittle-ductile transition of polypropylene random copolymer. <i>Journal of Applied Polymer Science</i> , 2013, 129, 3613-3622.	2.6	15
318	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.	2.6	15
319	The effect of DBP of carbon black on the dynamic self-assembly in a polymer melt. <i>RSC Advances</i> , 2016, 6, 24843-24852.	3.6	15
320	Reversible switch between underwater superaerophilicity and superaerophobicity on the superhydrophobic nanowire-haired mesh for controlling underwater bubble wettability. <i>AIP Advances</i> , 2018, 8, .	1.3	15
321	Underwater Anisotropic 3D Superoleophobic Tracks Applied for the Directional Movement of Oil Droplets and the Microdroplets Reaction. <i>Advanced Materials Interfaces</i> , 2019, 6, 1900067.	3.7	15
322	Liquid Metal-Based Reconfigurable and Repairable Electronics Designed by a Femtosecond Laser. <i>ACS Applied Electronic Materials</i> , 2020, 2, 2685-2691.	4.3	15
323	Filtration and removal of liquid polymers from water (polymer/water separation) by use of the underwater superoleophobic mesh produced with a femtosecond laser. <i>Journal of Colloid and Interface Science</i> , 2021, 582, 1203-1212.	9.4	15
324	Pairwise Proximity-Differentiated Visualization of Single-Cell DNA Epigenetic Marks. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 3428-3432.	13.8	15

#	ARTICLE	IF	CITATIONS
325	Intrauterine hyperglycemia induces intergenerational Dlk1-Gtl2 methylation changes in mouse placenta. <i>Oncotarget</i> , 2018, 9, 22398-22405.	1.8	15
326	Hydrothermal synthesis of relatively uniform CePO ₄ @LaPO ₄ one-dimensional nanostructures with highly improved luminescence. <i>Journal of Alloys and Compounds</i> , 2010, 492, 559-563.	5.5	14
327	High speed injection molding of high density polyethylene “ Effects of injection speed on structure and properties. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2011, 29, 456-464.	3.8	14
328	Time-resolved single-shot imaging of femtosecond laser induced filaments using supercontinuum and optical polarigraphy. <i>Applied Physics Letters</i> , 2012, 100, .	3.3	14
329	The interfacial enhancement of LLDPE/whisker composites via interfacial crystallization. <i>Polymers for Advanced Technologies</i> , 2012, 23, 431-440.	3.2	14
330	A Simple Way to Fabricate Close-Packed High Numerical Aperture Microlens Arrays. <i>IEEE Photonics Technology Letters</i> , 2013, 25, 1336-1339.	2.5	14
331	Microwave-Assisted Hydrothermal Rapid Synthesis of Calcium Phosphates: Structural Control and Application in Protein Adsorption. <i>Nanomaterials</i> , 2015, 5, 1284-1296.	4.1	14
332	Trifunctional molecular beacon-mediated quadratic amplification for highly sensitive and rapid detection of mercury(II) ion with tunable dynamic range. <i>Biosensors and Bioelectronics</i> , 2016, 86, 892-898.	10.1	14
333	Tunable potential well for plasmonic trapping of metallic particles by bowtie nano-apertures. <i>Scientific Reports</i> , 2016, 6, 32675.	3.3	14
334	Zero-Background Helicase-Dependent Amplification and Its Application to Reliable Assay of Telomerase Activity in Cancer Cell by Eliminating Primer-Dimer Artifacts. <i>ChemBioChem</i> , 2016, 17, 1171-1176.	2.6	14
335	Fabrication of Chalcogenide Glass Based Hexagonal Gapless Microlens Arrays via Combining Femtosecond Laser Assist Chemical Etching and Precision Glass Molding Processes. <i>Materials</i> , 2020, 13, 3490.	2.9	14
336	Bioinspired Artificial Compound Eyes: Characteristic, Fabrication, and Application. <i>Advanced Materials Technologies</i> , 2021, 6, 2100091.	5.8	14
337	Sunlight Recovering the Superhydrophobicity of a Femtosecond Laser-Structured Shape-Memory Polymer. <i>Langmuir</i> , 2022, 38, 4645-4656.	3.5	14
338	High-aspect-ratio grooves fabricated in silicon by a single pass of femtosecond laser pulses. <i>Journal of Applied Physics</i> , 2012, 111, 093102.	2.5	13
339	Combined effect of \hat{I}^2 nucleating agent and processing melt temperature on the toughness of impact polypropylene copolymer. <i>Polymer International</i> , 2013, 62, 172-178.	3.1	13
340	Cascaded optical limiter with low activating and high damage thresholds using single-layer graphene and single-walled carbon nanotubes. <i>Journal of Applied Physics</i> , 2014, 115, .	2.5	13
341	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.	3.6	13
342	Association between premature ovarian failure, polymorphisms in MTHFR and MTRR genes and serum homocysteine concentration. <i>Reproductive BioMedicine Online</i> , 2016, 32, 407-413.	2.4	13

#	ARTICLE	IF	CITATIONS
343	A widely applicable method to fabricate underwater superoleophobic surfaces with low oil-adhesion on different metals by a femtosecond laser. <i>Applied Physics A: Materials Science and Processing</i> , 2017, 123, 1.	2.3	13
344	Click-encoded rolling FISH for visualizing single-cell RNA polyadenylation and structures. <i>Nucleic Acids Research</i> , 2019, 47, e145-e145.	14.5	13
345	Preparation and Properties of Ultrathin Flexible Expanded Graphite Film via Adding Natural Rubber. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2019, 37, 806-814.	3.8	13
346	Adsorbability of Modified PBS Nanofiber Membrane to Heavy Metal Ions and Dyes. <i>Journal of Polymers and the Environment</i> , 2021, 29, 3029-3039.	5.0	13
347	Near-infrared light excited UCNP-DNAzyme nanosensor for selective detection of Pb ²⁺ and in vivo imaging. <i>Talanta</i> , 2021, 227, 122156.	5.5	13
348	Nanosized BaSnO ₃ as Electron Transport Promoter Coupled with g-C ₃ N ₄ toward Enhanced Photocatalytic H ₂ Production. <i>Advanced Sustainable Systems</i> , 2021, 5, 2100138.	5.3	13
349	Simple Enzyme-Free Biosensor for Highly Sensitive and Selective Detection of miR-21 Based on Multiple Signal Amplification Strategy. <i>Journal of Analysis and Testing</i> , 2022, 6, 36-43.	5.1	13
350	Largely improved tensile extensibility of poly(L-lactic acid) by adding poly(ϵ -caprolactone). <i>Polymer International</i> , 2010, 59, 1154-1161.	3.1	12
351	Preparation and properties of poly(ethylene terephthalate)/inorganic whiskers composites. <i>Journal of Applied Polymer Science</i> , 2011, 121, 604-611.	2.6	12
352	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.	2.6	12
353	Sonochemical synthesis of fructose 1,6-bisphosphate dicalcium porous microspheres and their application in promotion of osteogenic differentiation. <i>Materials Science and Engineering C</i> , 2017, 77, 846-856.	7.3	12
354	Knockdown of PEBP4 inhibits human glioma cell growth and invasive potential via ERK1/2 signaling pathway. <i>Molecular Carcinogenesis</i> , 2019, 58, 135-143.	2.7	12
355	Emerging Separation Applications of Surface Superwettability. <i>Nanomaterials</i> , 2022, 12, 688.	4.1	12
356	Ti ₃ C ₂ T _x MXene-Coated Electrospun PCL Conduits for Enhancing Neurite Regeneration and Angiogenesis. <i>Frontiers in Bioengineering and Biotechnology</i> , 2022, 10, 850650.	4.1	12
357	Tailoring toughness of injection molded bar of polypropylene random copolymer through processing melt temperature. <i>Polymer International</i> , 2011, 60, 1705-1714.	3.1	11
358	Effect of surface wettability on transparency in different water conditions. <i>Journal of Coatings Technology Research</i> , 2013, 10, 641-647.	2.5	11
359	Simply controllable growth of single crystal plasmonic Au@Ag nano-spines with anisotropic multiple sites for highly sensitive and uniform surface-enhanced Raman scattering sensing. <i>RSC Advances</i> , 2016, 6, 66056-66065.	3.6	11
360	Excellent Surface Enhanced Raman Scattering of SiO ₂ Fiber Membrane Embedded with Ag Nanoparticles. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2018, 28, 251-257.	3.7	11

#	ARTICLE	IF	CITATIONS
361	Synergistic enhancement in tensile strength and ductility of ABS by using recycled PETG plastic. <i>Journal of Applied Polymer Science</i> , 2009, 113, 1207-1215.	2.6	10
362	Fabrication of quasi-periodic micro-voids in fused silica by a single femtosecond laser pulse. <i>Applied Physics A: Materials Science and Processing</i> , 2011, 102, 39-44.	2.3	10
363	Ordered long-helical conformation of isotactic polypropylene obtained in constrained environment of nanoclay. <i>Polymers for Advanced Technologies</i> , 2011, 22, 1375-1380.	3.2	10
364	Morphology and mechanical properties of poly(ethyleneoctene) copolymers obtained by dynamic packing injection molding. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2012, 30, 603-612.	3.8	10
365	The effect of silica morphology on properties of PVA/silica nano-composites. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2013, 31, 1546-1553.	3.8	10
366	Porous Microspheres of Casein/Amorphous Calcium Phosphate Nanocomposite: Room Temperature Synthesis and Application in Drug Delivery. <i>Current Nanoscience</i> , 2015, 12, 70-78.	1.2	10
367	A novel biodegradable phosphorus-containing copolyester with preferable flame retardancy and mechanical properties. <i>RSC Advances</i> , 2015, 5, 61364-61370.	3.6	10
368	An amorphous calcium phosphate nanocomposite for storing and sustained release of IgY protein with antibacterial activity. <i>RSC Advances</i> , 2015, 5, 100682-100688.	3.6	10
369	Property enhancement of graphene fiber by adding small loading of cellulose nanofiber. <i>Nanocomposites</i> , 2016, 2, 8-17.	4.2	10
370	Antibacterial gluey silver-calcium phosphate composites for dentine remineralization. <i>Journal of Materials Chemistry B</i> , 2018, 6, 4985-4994.	5.8	10
371	Mini-Review on Bioinspired Superwetting Microlens Array and Compound Eye. <i>Frontiers in Chemistry</i> , 2020, 8, 575786.	3.6	10
372	Fabrication of ZnSe Microlens Array for a Wide Infrared Spectral Region. <i>IEEE Photonics Technology Letters</i> , 2020, 32, 1327-1330.	2.5	10
373	Tuning a surface super-repellent to liquid metal by a femtosecond laser. <i>RSC Advances</i> , 2020, 10, 3301-3306.	3.6	10
374	Superwettability-based separation: From oil/water separation to polymer/water separation and bubble/water separation. <i>Nano Select</i> , 2021, 2, 1580-1588.	3.7	10
375	Everolimus halts hepatic cystogenesis in a rodent model of polycystic-liver-disease. <i>World Journal of Gastroenterology</i> , 2017, 23, 5499.	3.3	10
376	Slippery Liquid-infused Porous Surface on Metal Material with Excellent Ice Resistance Fabricated by Femtosecond Bessel Laser. <i>Advanced Engineering Materials</i> , 2022, 24, .	3.5	10
377	Aramid Nanofiber Membranes for High-Performance and Multifunctional Materials. <i>ACS Applied Nano Materials</i> , 2022, 5, 747-758.	5.0	10
378	Epitaxial crystallization and oriented structure of linear low-density polyethylene/isotactic polypropylene blends obtained via dynamic packing injection molding. <i>Polymers for Advanced Technologies</i> , 2011, 22, 225-231.	3.2	9

#	ARTICLE	IF	CITATIONS
379	A simple method for fabrication of high-aspect-ratio all-silicon grooves. <i>Applied Surface Science</i> , 2013, 284, 372-378.	6.1	9
380	Toughening of polycarbonate through reactive melt blending: Effect of hydroxyl content and viscosity of hydroxyl-terminated polydimethylsiloxane. <i>Chinese Journal of Polymer Science (English)</i> Tj ETQq0 0 0 rgBT #Overlook 10 Tf 50	3.8	10
381	Highly porous ceramics based on ultralong hydroxyapatite nanowires. <i>RSC Advances</i> , 2016, 6, 102003-102009.	3.6	9
382	Largely enhanced electrical properties of polymer composites via the combined effect of volume exclusion and synergy. <i>RSC Advances</i> , 2016, 6, 51900-51907.	3.6	9
383	Catalase-functionalized SiO ₂ nanoparticles mediate growth of gold nanoparticles for plasmonic biosensing of attomolar microRNA with the naked eye. <i>RSC Advances</i> , 2016, 6, 15709-15715.	3.6	9
384	Ultraviolet light-induced photochemical reaction for controlled fabrication of Ag nano-islands on ZnO nanosheets: an advanced inexpensive substrate for ultrasensitive surface-enhanced Raman scattering analysis. <i>Optical Materials Express</i> , 2017, 7, 3137.	3.0	9
385	Ordinary Optical Fiber Sensor for Ultra-High Temperature Measurement Based on Infrared Radiation. <i>Sensors</i> , 2018, 18, 4071.	3.8	9
386	Preparation of porous calcium phosphate microspheres with phosphate-containing molecules at room temperature for drug delivery and osteogenic differentiation. <i>RSC Advances</i> , 2018, 8, 25480-25488.	3.6	9
387	Spherical hybrid filler <sc>BN</sc>@<sc>Al₂O₃</sc> via chemical adhesive for enhancing thermal conductivity and processability of silicon rubber. <i>Journal of Applied Polymer Science</i> , 2021, 138, 51211.	2.6	9
388	Amorphous calcium magnesium phosphate nanocomposites with superior osteogenic activity for bone regeneration. <i>International Journal of Energy Production and Management</i> , 2021, 8, rbab068.	3.7	9
389	Biomimetic synthesis of amorphous manganese phosphates for GLUT5-targeted drug-free catalytic therapy of osteosarcoma. <i>Nanoscale</i> , 2022, 14, 898-909.	5.6	9
390	A facile preparation route for netlike microstructures on a stainless steel using an ethanol-mediated femtosecond laser irradiation. <i>Materials Science and Engineering C</i> , 2013, 33, 663-667.	7.3	8
391	Towards high molecular weight poly(bisphenol a carbonate) with excellent thermal stability and mechanical properties by solid-state polymerization. <i>Chinese Journal of Polymer Science (English)</i> Tj ETQq1 1 0.784314 rgBT #Overlook	1.1	0
392	Facile Synthesis of Co ₃ O ₄ Nanoparticle-Functionalized Mesoporous SiO ₂ for Catalytic Degradation of Methylene Blue from Aqueous Solutions. <i>Catalysts</i> , 2019, 9, 809.	3.5	8
393	Visualizing Newly Synthesized RNA by Bioorthogonal Labeling-Primed DNA Amplification. <i>Analytical Chemistry</i> , 2020, 92, 8444-8449.	6.5	8
394	The mineralization, drug release and <i>in vivo</i> bone defect repair properties of calcium phosphates/PLA modified tantalum scaffolds. <i>RSC Advances</i> , 2020, 10, 7708-7717.	3.6	8
395	Simultaneous Tuning Band Gaps of Cu ₂ O and TiO ₂ to Form Sâ€šcheme Heteroâ€šPhotocatalyst. <i>Chemistry - A European Journal</i> , 2021, 27, 14638-14644.	3.3	8
396	Investigation of the intermediates formed during the degradation of Malachite Green in the presence of Fe ³⁺ and H ₂ O ₂ under visible irradiation. <i>Research on Chemical Intermediates</i> , 2001, 27, 237-248.	2.7	7

#	ARTICLE	IF	CITATIONS
397	Stretch-Induced Shish-Kebabs in Rubbery Poly(L-Lactide). <i>Journal of Macromolecular Science - Physics</i> , 2011, 50, 2042-2049.	1.0	7
398	Synthesis and characterization of the tellurium/calcium silicate nanocomposite. <i>Materials Letters</i> , 2011, 65, 424-426.	2.6	7
399	Ultrafast dynamics of thermionic emission on Au film under femtosecond laser excitation. <i>Applied Physics A: Materials Science and Processing</i> , 2013, 112, 479-483.	2.3	7
400	Chirp structure measurement of a supercontinuum pulse based on transient lens effect in tellurite glass. <i>Journal of Applied Physics</i> , 2013, 113, 113106.	2.5	7
401	Novel interconnected nanochannel hydroxyapatite ceramics: synthesis, microstructure, and permeability. <i>Ceramics International</i> , 2017, 43, 5403-5411.	4.8	7
402	Electrospinning synthesis of N-doped TiO ₂ fiber membranes and its enhanced photocatalysis performance. <i>Chemical Papers</i> , 2021, 75, 115-122.	2.2	7
403	Simultaneous Measurement of Temperature and Refractive Index Using High Temperature Resistant Pure Quartz Grating Based on Femtosecond Laser and HF Etching. <i>Materials</i> , 2021, 14, 1028.	2.9	7
404	Development and Clinical Translation of a Perioperative Nomogram Incorporating Free Fatty Acids to Predict Poor Outcome of Aneurysmal Subarachnoid Hemorrhage Following Endovascular Treatment. <i>Frontiers in Neurology</i> , 2021, 12, 629997.	2.4	7
405	Fabrication of a Chalcogenide Glass Microlens Array for Infrared Laser Beam Homogenization. <i>Materials</i> , 2021, 14, 5952.	2.9	7
406	Polarization Dependence of Femtosecond Optical Kerr Signals in Bismuth Glasses. <i>IEEE Photonics Technology Letters</i> , 2009, 21, 1606-1608.	2.5	6
407	Interfacial enhancement of poly(ethylene terephthalate)/silica composites using graphene oxide. <i>Journal of Materials Research</i> , 2012, 27, 2360-2367.	2.6	6
408	Multi-Frame Observation of a Single Femtosecond Laser Pulse Propagation Using an Echelon and Optical Polarigraphy Technique. <i>IEEE Photonics Technology Letters</i> , 2013, 25, 1879-1881.	2.5	6
409	C5b-9-Targeted Molecular MR Imaging in Rats with Heymann Nephritis: A New Approach in the Evaluation of Nephrotic Syndrome. <i>PLoS ONE</i> , 2015, 10, e0121244.	2.5	6
410	A new understanding concerning the influence of structural changes on the thermal behavior of cellulose. <i>Journal of Polymer Research</i> , 2015, 22, 1.	2.4	6
411	Analysis of Asymmetric Dipoles Interacting in Heterogeneous Metal Nanorod Dimers. <i>Plasmonics</i> , 2015, 10, 1325-1330.	3.4	6
412	RNA-Primed Amplification for Noise-Suppressed Visualization of Single-Cell Splice Variants. <i>Analytical Chemistry</i> , 2020, 92, 9356-9361.	6.5	6
413	Selenium-doped calcium phosphate biomineral reverses multidrug resistance to enhance bone tumor chemotherapy. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2021, 32, 102322.	3.3	6
414	Rapid Fabrication of Large-Area Concave Microlens Array on ZnSe. <i>Micromachines</i> , 2021, 12, 458.	2.9	6

#	ARTICLE	IF	CITATIONS
415	Phosphorylation of trans-acting response DNA-binding protein of 43 kDa promotes its cytoplasmic aggregation and modulates its function in tau mRNA stability and exon 10 alternative splicing. <i>Journal of Neurochemistry</i> , 2021, 158, 766-778.	3.9	6
416	Shear-induced clay dispersion in HDPE/PEgMA/organoclay composites as studied via real-time rheological method. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2010, 48, 302-312.	2.1	5
417	Elimination of the coherent effect in the optical Kerr measurement of bismuth glass using supercontinuum. <i>Journal of Applied Physics</i> , 2011, 109, 123104.	2.5	5
418	Effect of microdomain structure on the mechanical behavior of binary blends. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2015, 33, 964-975.	3.8	5
419	Research on hot embossing process of high fill factor microlens array. <i>Microsystem Technologies</i> , 2015, 21, 2109-2114.	2.0	5
420	Preparation of poly(p-phenylene sulfide)/carbon composites with enhanced thermal conductivity and electrical insulativity via hybrids of boron nitride and carbon fillers. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , 2015, 30, 562-567.	1.0	5
421	Localized surface plasmon resonances in core-embedded heterogeneous nano-bowtie antenna. <i>Applied Physics B: Lasers and Optics</i> , 2015, 120, 47-51.	2.2	5
422	Relationship and Interconversion Between Superhydrophilicity, Underwater Superoleophilicity, Underwater Superaerophilicity, Superhydrophobicity, Underwater Superoleophobicity, and Underwater Superaerophobicity: A Mini-Review. <i>Frontiers in Chemistry</i> , 2020, 8, 828.	3.6	5
423	Tracking the interaction of drug molecules with individual mesoporous amorphous calcium phosphate/ATP nanocomposites – an X-ray spectromicroscopy study. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 13108-13117.	2.8	5
424	Fabrication of Three-Dimensional Microvalves of Internal Nested Structures Inside Fused Silica. <i>Micromachines</i> , 2021, 12, 43.	2.9	5
425	Laser Fabrication of Nanoholes on Silica through Surface Window Assisted Nano-Drilling (SWAN). <i>Nanomaterials</i> , 2021, 11, 3340.	4.1	5
426	Brittle-ductile transition in the PETG/PC blends by adding PTW elastomer. <i>Polymers for Advanced Technologies</i> , 2010, 21, 401-407.	3.2	4
427	Acid-modified carbon nanotubes distribution and mechanical enhancement in polystyrene/elastomer blends. <i>Polymer Engineering and Science</i> , 2012, 52, 964-971.	3.1	4
428	Kinetic study of a swelling-induced network of folds in a cross-linked PS-PDMS film. <i>RSC Advances</i> , 2015, 5, 3733-3742.	3.6	4
429	Locus-patterned sequence oriented enrichment for multi-dimensional gene analysis. <i>Chemical Science</i> , 2019, 10, 8421-8427.	7.4	4
430	Antibacterial silver-doped calcium phosphate synthesized by an enzymatic strategy for initial caries treatment. <i>Ceramics International</i> , 2020, 46, 22466-22473.	4.8	4
431	Bioorthogonal Chemical Signature Enabling Amplified Visualization of Cellular Oxidative Thymines. <i>Analytical Chemistry</i> , 2021, 93, 10495-10501.	6.5	4
432	Research on the technology of femtosecond laser micromachining based on image edge tracing. <i>Science Bulletin</i> , 2010, 55, 877-881.	1.7	3

#	ARTICLE	IF	CITATIONS
433	Microwave-assisted solvothermal ionic liquid rapid synthesis of aluminum fluorohydroxide single-crystalline octahedra. <i>Materials Letters</i> , 2013, 94, 104-107.	2.6	3
434	Fabrication of three-dimensional micro-Rogowski coil based on femtosecond laser micromachining. <i>Applied Physics A: Materials Science and Processing</i> , 2015, 120, 669-674.	2.3	3
435	Fano Resonance-Assisted Plasmonic Trapping of Nanoparticles. <i>Plasmonics</i> , 2017, 12, 627-630.	3.4	3
436	Hall of Fame Article: A Review of Femtosecond-Laser-Induced Underwater Superoleophobic Surfaces (<i>Adv. Mater. Interfaces</i> 7/2018). <i>Advanced Materials Interfaces</i> , 2018, 5, 1870033.	3.7	3
437	Flower-like calcium phosphoserine complex as biomimetic mineral with high bioactivity. <i>Ceramics International</i> , 2020, 46, 20914-20922.	4.8	3
438	Pairwise Proximity-Differentiated Visualization of Single-Cell DNA Epigenetic Marks. <i>Angewandte Chemie</i> , 2021, 133, 3470-3474.	2.0	3
439	Underwater superoleophobicity: Concept, achievement, and applications. <i>Nano Select</i> , 2021, 2, 1011-1022.	3.7	3
440	Theoretical Study on Symmetry-Broken Plasmonic Optical Tweezers for Heterogeneous Noble-Metal-Based Nano-Bowtie Antennas. <i>Nanomaterials</i> , 2021, 11, 759.	4.1	3
441	Fully Automatic Classification of Brain Atrophy on NCCT Images in Cerebral Small Vessel Disease: A Pilot Study Using Deep Learning Models. <i>Frontiers in Neurology</i> , 2022, 13, 846348.	2.4	3
442	Unusual rheological characteristics of polypropylene/organoclay nanocomposites in continuous cooling process. <i>Journal of Applied Polymer Science</i> , 2012, 125, E292.	2.6	2
443	Ultrafast optical Kerr gate of bismuth-plumbum oxide glass for time-gated ballistic imaging. <i>Journal of Modern Optics</i> , 2014, 61, 1452-1456.	1.3	2
444	A Förster Resonance Energy Transfer Ratiometric Probe Based on Quantum Dot-Cresyl Violet for Imaging Hydrogen Sulfide in Living Cells. <i>Chinese Journal of Analytical Chemistry</i> , 2018, 46, 39-47.	1.7	2
445	Property enhancement of poly(butylene) terephthalate/succinate/poly(ethylene glycol) composites via high-speed extrusion and <i>in situ</i> fibrillation. <i>Journal of Applied Polymer Science</i> , 2019, 136, 47549.	2.6	2
446	Underwater Superoleophobic Tracks: Underwater Anisotropic 3D Superoleophobic Tracks Applied for the Directional Movement of Oil Droplets and the Microdroplets Reaction (<i>Adv. Mater. Interfaces</i>)	3.7	2
447	Active Tuning of Hybrid Plasmonics in Graphene-Covered Metallic Nanotrench. <i>Technical Physics Letters</i> , 2020, 46, 526-531.	0.7	2
448	Rat model of cholelithiasis with human gallstones implanted in cholestasis-induced virtual gallbladder. <i>World Journal of Methodology</i> , 2016, 6, 154.	3.5	2
449	Addition-Elimination Mechanism-Activated Nucleotide Transition Sequencing for RNA Dynamics Profiling. <i>Analytical Chemistry</i> , 2021, 93, 13974-13980.	6.5	2
450	Facile one-pot pyrolysis preparation of SnO ₂ /g-C ₃ N ₄ composites for improved photocatalytic H ₂ production. <i>Journal of Chemical Technology and Biotechnology</i> , 2022, 97, 2921-2931.	3.2	2

#	ARTICLE	IF	CITATIONS
451	Superior Method for Measuring Chirp Structure of Femtosecond Supercontinuum Pulse. IEEE Photonics Technology Letters, 2013, 25, 261-263.	2.5	1
452	Pump power dependence of the spatial gating properties of femtosecond optical Kerr effect measurements. Applied Physics B: Lasers and Optics, 2013, 112, 279-283.	2.2	1
453	Fabrication and analytical evaluation of three-dimensional microsolenoids achieved in fused silica by femtosecond laser-based microsolidifying process. Micro and Nano Letters, 2013, 8, 623-628.	1.3	1
454	Inhibition of duck hepatitis B virus replication by mimic peptides in vitro. Experimental and Therapeutic Medicine, 2015, 10, 1697-1703.	1.8	1
455	Synthesis of polymerized calcium silicate hydrate nanostructures as drug carriers. Journal of Controlled Release, 2015, 213, e52.	9.9	1
456	Inferior vena cava segmentation with parameter propagation and graph cut. International Journal of Computer Assisted Radiology and Surgery, 2017, 12, 1481-1499.	2.8	1
457	Electrical and optical properties of metal-sandwiched ZnO/Ti/Cu/Ti/ZnO transparent conductive thin film. Micro and Nano Letters, 2018, 13, 1511-1515.	1.3	1
458	Bubble Passage: Underwater Superaerophobicity/Superaerophilicity and Unidirectional Bubble Passage Based on the Femtosecond Laser-Structured Stainless Steel Mesh (Adv. Mater. Interfaces 14/2020). Advanced Materials Interfaces, 2020, 7, 2070077.	3.7	1
459	Facile Interfacial Synthesis of Densely Spiky Gold Nano-Chestnuts With Full Spectral Absorption for Photothermal Therapy. Frontiers in Bioengineering and Biotechnology, 2020, 8, 599040.	4.1	1
460	Synthesis of mesoporous manganese dioxide/expanded graphite composite and its lithium-storage performance. Bulletin of Materials Science, 2020, 43, 1.	1.7	1
461	Hydrogel-compartmentalized heterogeneous amplification for viral digital genotyping. Sensors and Actuators B: Chemical, 2022, 356, 131339.	7.8	1
462	Overexpression of phosphatidylethanolamine-binding protein 4 (PEBP4) associates with recurrence of meningiomas. Clinical Neurology and Neurosurgery, 2022, 214, 107148.	1.4	1
463	Platelet-Activating Biomaterials Enhanced Injectable Hydrogels With Superior Bioactivity for Bone Regeneration. Frontiers in Bioengineering and Biotechnology, 2022, 10, 826855.	4.1	1
464	Fabrication of three-dimensional metallic microcomponents in fused silica by a femtosecond laser & micromoulding (FLM) method. , 2013, , .		0
465	Fidelity quantification of mercury(ii) ion via circumventing biothiols-induced sequestration in enzymatic amplification system. RSC Advances, 2016, 6, 80296-80301.	3.6	0
466	Dynamic near-field nanofocusing by V-shaped metal groove via a femtosecond laser excitation. Applied Physics A: Materials Science and Processing, 2016, 122, 1.	2.3	0
467	Manufacturing of functional polymer micro- and nano-structures by femtosecond laser pulse. , 2017, , .		0
468	Biomimic Nanominerals: Enzymatic Reaction Generates Biomimic Nanominerals with Superior Bioactivity (Small 51/2018). Small, 2018, 14, 1870250.	10.0	0

#	ARTICLE	IF	CITATIONS
469	Temperature Sensor Based on Multimode Fiber Bragg Grating. , 2018, , .		0
470	Optical Properties of Metal Sandwiched ZnO/Ti/Cu/Ti/ZnO Thin Film. , 2018, , .		0
471	Coronavirus disease 2019: MRI examination procedures and infection prevention and protection. Annals of Translational Medicine, 2020, 8, 1074-1074.	1.7	0
472	IDDF2021-ABS-0154â€¦Selenium and mercury levels and the risk of non-alcoholic fatty liver disease (NAFLD): indications from the national health and nutrition examination survey (NHANES 2017â€“2018). , 2021, , .		0
473	Feng Chenâ€™s work on translational and clinical imaging. World Journal of Radiology, 2011, 3, 120.	1.1	0
474	High temperature high sensitivity optical fibre sensor based on multimode fibre Bragg grating. Micro and Nano Letters, 2018, 13, 1537-1541.	1.3	0
475	A bifunctional chemical signature enabling RNA 4-thiouridine enrichment sequencing with single-base resolution. Chemical Communications, 2022, 58, 1322-1325.	4.1	0