

Feng Chen

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/2951283/feng-chen-publications-by-year.pdf>

Version: 2024-04-10

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	Computer-aided design of reversible hybridization chain reaction (CAD-HCR) enables multiplexed single-cell spatial proteomics imaging.. <i>Science Advances</i> , 2022 , 8, eabk0133	14.3	3
466	Overexpression of phosphatidylethanolamine-binding protein 4 (PEBP4) associates with recurrence of meningiomas.. <i>Clinical Neurology and Neurosurgery</i> , 2022 , 214, 107148	2	0
465	Photothermal-triggered immunogenic nanotherapeutics for optimizing osteosarcoma therapy by synergizing innate and adaptive immunity.. <i>Biomaterials</i> , 2022 , 282, 121383	15.6	3
464	Nature-Inspired Superwettability Achieved by Femtosecond Lasers. <i>Ultrafast Science</i> , 2022 , 2022, 1-51		10
463	Hydrogel-compartmentalized heterogeneous amplification for viral digital genotyping. <i>Sensors and Actuators B: Chemical</i> , 2022 , 356, 131339	8.5	
462	The hydroxyapatite microtubes enhanced GelMA hydrogel scaffold with inner pipeline framework structure for bone tissue regeneration. <i>Composites Part B: Engineering</i> , 2022 , 228, 109396	10	3
461	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	2.9	4
460	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	3.2	1
459	Emerging Separation Applications of Surface Superwettability.. <i>Nanomaterials</i> , 2022 , 12,	5.4	2
458	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	4.1	0
457	Platelet-Activating Biomaterials Enhanced Injectable Hydrogels With Superior Bioactivity for Bone Regeneration.. <i>Frontiers in Bioengineering and Biotechnology</i> , 2022 , 10, 826855	5.8	0
456	TiCT MXene-Coated Electrospun PCL Conduits for Enhancing Neurite Regeneration and Angiogenesis.. <i>Frontiers in Bioengineering and Biotechnology</i> , 2022 , 10, 850650	5.8	1
455	para-Aramid Nanofiber Membranes for High-Performance and Multifunctional Materials. <i>ACS Applied Nano Materials</i> , 2022 , 5, 747-758	5.6	0
454	Bioinspired MXene-Based User-Interactive Electronic Skin for Digital and Visual Dual-Channel Sensing.. <i>Nano-Micro Letters</i> , 2022 , 14, 119	19.5	3
453	Laser Fabrication of Nanoholes on Silica through Surface Window Assisted Nano-Drilling (SWAN).. <i>Nanomaterials</i> , 2021 , 11,	5.4	1
452	Amorphous calcium magnesium phosphate nanocomposites with superior osteogenic activity for bone regeneration.. <i>International Journal of Energy Production and Management</i> , 2021 , 8, rbab068	5.3	2
451	Gasdermin D inhibition confers antineutrophil mediated cardioprotection in acute myocardial infarction. <i>Journal of Clinical Investigation</i> , 2021 ,	15.9	8

450	Addition-Elimination Mechanism-Activated Nucleotide Transition Sequencing for RNA Dynamics Profiling. <i>Analytical Chemistry</i> , 2021 , 93, 13974-13980	7.8	0
449	Remote, selective, and in situ manipulation of liquid droplets on a femtosecond laser-structured superhydrophobic shape-memory polymer by near-infrared light. <i>Science China Chemistry</i> , 2021 , 64, 861-872	7.9	9
448	Photoredox-Catalyzed Addition of Dibromofluoromethane to Alkenes: Direct Synthesis of 1-Bromo-1-fluoroalkanes. <i>Organic Letters</i> , 2021 , 23, 2364-2369	6.2	5
447	Theoretical Study on Symmetry-Broken Plasmonic Optical Tweezers for Heterogeneous Noble-Metal-Based Nano-Bowtie Antennas. <i>Nanomaterials</i> , 2021 , 11,	5.4	1
446	Rapid Fabrication of Large-Area Concave Microlens Array on ZnSe. <i>Micromachines</i> , 2021 , 12,	3.3	2
445	Near-infrared light excited UCNP-DNAzyme nanosensor for selective detection of Pb and in vivo imaging. <i>Talanta</i> , 2021 , 227, 122156	6.2	6
444	Polyhedral Oligomeric Silsesquioxanes Based Ultralow-k Materials: The Effect of Cage Size. <i>Advanced Functional Materials</i> , 2021 , 31, 2102074	15.6	9
443	Spherical hybrid filler BN@Al ₂ O ₃ via chemical adhesive for enhancing thermal conductivity and processability of silicon rubber. <i>Journal of Applied Polymer Science</i> , 2021 , 138, 51211	2.9	3
442	Bioinspired Artificial Compound Eyes: Characteristic, Fabrication, and Application. <i>Advanced Materials Technologies</i> , 2021 , 6, 2100091	6.8	1
441	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	5.9	3
440	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	4.1	1
439	Bioorthogonal Chemical Signature Enabling Amplified Visualization of Cellular Oxidative Thymines. <i>Analytical Chemistry</i> , 2021 , 93, 10495-10501	7.8	1
438	Pairwise Proximity-Differentiated Visualization of Single-Cell DNA Epigenetic Marks. <i>Angewandte Chemie</i> , 2021 , 133, 3470-3474	3.6	2
437	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	14.7	65
436	Filtration and removal of liquid polymers from water (polymer/water separation) by use of the underwater superpolyphobic mesh produced with a femtosecond laser. <i>Journal of Colloid and Interface Science</i> , 2021 , 582, 1203-1212	9.3	10
435	DNA Triplex and Quadruplex Assembled Nanosensors for Correlating K ⁺ and pH in Lysosomes. <i>Angewandte Chemie</i> , 2021 , 133, 5513-5518	3.6	4
434	DNA Triplex and Quadruplex Assembled Nanosensors for Correlating K and pH in Lysosomes. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 5453-5458	16.4	27
433	Selenium-doped calcium phosphate biomineral reverses multidrug resistance to enhance bone tumor chemotherapy. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2021 , 32, 102322	6	2

432	Aptamer-Functionalized Microdevices for Bioanalysis. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 9402-9411	9.5	8
431	Underwater superpolymphobicity: Concept, achievement, and applications. <i>Nano Select</i> , 2021 , 2, 1011-1022	10.2	2
430	Pairwise Proximity-Differentiated Visualization of Single-Cell DNA Epigenetic Marks. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 3428-3432	16.4	8
429	Electrospinning synthesis of N-doped TiO ₂ fiber membranes and its enhanced photocatalysis performance. <i>Chemical Papers</i> , 2021 , 75, 115-122	1.9	4
428	Cardioprotective mechanism of SGLT2 inhibitor against myocardial infarction is through reduction of autosis. <i>Protein and Cell</i> , 2021 , 1	7.2	17
427	Liquid-Infused Slippery Stainless Steel Surface Prepared by Alcohol-Assisted Femtosecond Laser Ablation. <i>Advanced Materials Interfaces</i> , 2021 , 8, 2001334	4.6	6
426	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,	3.5	1
425	Adsorbability of Modified PBS Nanofiber Membrane to Heavy Metal Ions and Dyes. <i>Journal of Polymers and the Environment</i> , 2021 , 29, 3029-3039	4.5	3
424	Superwettability-based separation: From oil/water separation to polymer/water separation and bubble/water separation. <i>Nano Select</i> , 2021 , 2, 1580-1588	3.1	3
423	Cellular macromolecules-tethered DNA walking indexing to explore nanoenvironments of chromatin modifications. <i>Nature Communications</i> , 2021 , 12, 1965	17.4	7
422	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	5.6	16
421	Phosphorylation of trans-active response DNA-binding protein-of 43kDa 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	6	2
420	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	9.4	4
419	Simultaneous Tuning Band Gaps of Cu ₂ O and TiO ₂ to Form S-Scheme Hetero-Photocatalyst. <i>Chemistry - A European Journal</i> , 2021 , 27, 14638-14644	4.8	0
418	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	9.3	3
417	Fabrication of Three-Dimensional Microvalves of Internal Nested Structures Inside Fused Silica. <i>Micromachines</i> , 2021 , 12,	3.3	1
416	Superior strength and highly thermoconductive cellulose/ boron nitride film by stretch-induced alignment. <i>Journal of Materials Chemistry A</i> , 2021 , 9, 10304-10315	13	14
415	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	7.7	5

414	Facile Interfacial Synthesis of Densely Spiky Gold Nano-Chestnuts With Full Spectral Absorption for Photothermal Therapy. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020 , 8, 599040	5.8	0
413	Intracellular Entropy-Driven Multi-Bit DNA Computing for Tumor Progression Discrimination. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 13267-13272	16.4	28
412	Intracellular Entropy-Driven Multi-Bit DNA Computing for Tumor Progression Discrimination. <i>Angewandte Chemie</i> , 2020 , 132, 13369-13374	3.6	8
411	Visualizing Newly Synthesized RNA by Bioorthogonal Labeling-Primed DNA Amplification. <i>Analytical Chemistry</i> , 2020 , 92, 8444-8449	7.8	4
410	RNA-Primed Amplification for Noise-Suppressed Visualization of Single-Cell Splice Variants. <i>Analytical Chemistry</i> , 2020 , 92, 9356-9361	7.8	3
409	Underwater Superaerophobicity/Superaerophilicity and Unidirectional Bubble Passage Based on the Femtosecond Laser-Structured Stainless Steel Mesh. <i>Advanced Materials Interfaces</i> , 2020 , 7, 1902128	4.6	10
408	Flower-like calcium phosphoserine complex as biomimetic mineral with high bioactivity. <i>Ceramics International</i> , 2020 , 46, 20914-20922	5.1	0
407	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	3.6	1
406	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	3.9	12
405	The mineralization, drug release and bone defect repair properties of calcium phosphates/PLA modified tantalum scaffolds.. <i>RSC Advances</i> , 2020 , 10, 7708-7717	3.7	4
404	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	5	10
403	Converting Immune Cold into Hot by Biosynthetic Functional Vesicles to Boost Systematic Antitumor Immunity. <i>iScience</i> , 2020 , 23, 101341	6.1	14
402	Tuning a surface super-repellent to liquid metal by a femtosecond laser.. <i>RSC Advances</i> , 2020 , 10, 3301-3306	3.9	6
401	Synthesis of mesoporous manganese dioxide/expanded graphite composite and its lithium-storage performance. <i>Bulletin of Materials Science</i> , 2020 , 43, 1	1.7	1
400	Differentiated Visualization of Single-Cell 5-Hydroxymethylpyrimidines with Microfluidic Hydrogel Encoding. <i>Journal of the American Chemical Society</i> , 2020 , 142, 2889-2896	16.4	18
399	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	4.6	27
398	Active tuning of hybrid plasmonics in graphene-covered metallic nanotrench--SUP--*/SUP=.	0	
397	Femtosecond laser preparing patternable liquid-metal-repellent surface for flexible electronics. <i>Journal of Colloid and Interface Science</i> , 2020 , 578, 146-154	9.3	13

396	Prognostic value of immune checkpoint molecules in breast cancer. <i>Bioscience Reports</i> , 2020 , 40,	4.1	27
395	IR Artificial Compound Eye. <i>Advanced Optical Materials</i> , 2020 , 8, 1901767	8.1	19
394	Active Tuning of Hybrid Plasmonics in Graphene-Covered Metallic Nanotrench. <i>Technical Physics Letters</i> , 2020 , 46, 526-531	0.7	
393	Bubble Passage: Underwater Superaerophobicity/Superaerophilicity and Unidirectional Bubble Passage Based on the Femtosecond Laser-Structured Stainless Steel Mesh (Adv. Mater. Interfaces 14/2020). <i>Advanced Materials Interfaces</i> , 2020 , 7, 2070077	4.6	1
392	Antibacterial silver-doped calcium phosphate synthesized by an enzymatic strategy for initial caries treatment. <i>Ceramics International</i> , 2020 , 46, 22466-22473	5.1	2
391	Liquid Metal-Based Reconfigurable and Repairable Electronics Designed by a Femtosecond Laser. <i>ACS Applied Electronic Materials</i> , 2020 , 2, 2685-2691	4	6
390	Mini-Review on Bioinspired Superwetting Microlens Array and Compound Eye. <i>Frontiers in Chemistry</i> , 2020 , 8, 575786	5	2
389	Coronavirus disease 2019: MRI examination procedures and infection prevention and protection. <i>Annals of Translational Medicine</i> , 2020 , 8, 1074	3.2	
388	Fabrication of ZnSe Microlens Array for a Wide Infrared Spectral Region. <i>IEEE Photonics Technology Letters</i> , 2020 , 32, 1327-1330	2.2	6
387	A Stretchable Highoutput Triboelectric Nanogenerator Improved by MXene Liquid Electrode with High Electronegativity. <i>Advanced Functional Materials</i> , 2020 , 30, 2004181	15.6	72
386	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	5	3
385	Green and Economical Strategy for Spinning Robust Cellulose Filaments. <i>ACS Sustainable Chemistry and Engineering</i> , 2020 , 8, 14927-14937	8.3	7
384	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,	3.5	3
383	Magnetically Controllable Isotropic/Anisotropic Slippery Surface for Flexible Droplet Manipulation. <i>Langmuir</i> , 2020 , 36, 15403-15409	4	8
382	A novel lncRNA-LINC01116 regulates tumorigenesis of glioma by targeting VEGFA. <i>International Journal of Cancer</i> , 2020 , 146, 248-261	7.5	49
381	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	5.5	19
380	Engineering of Aerogel-Based Biomaterials for Biomedical Applications. <i>International Journal of Nanomedicine</i> , 2020 , 15, 2363-2378	7.3	32
379	Nucleic Acids Analysis. <i>Science China Chemistry</i> , 2020 , 64, 1-33	7.9	33

378	Ultrathin and Flexible CNTs/MXene/Cellulose Nanofibrils Composite Paper for Electromagnetic Interference Shielding. <i>Nano-Micro Letters</i> , 2019 , 11, 72	19.5	147
377	Selenium-doped hydroxyapatite biopapers with an anti-bone tumor effect by inducing apoptosis. <i>Biomaterials Science</i> , 2019 , 7, 5044-5053	7.4	11
376	Microfluidic Channels Fabrication Based on Underwater Superpolymphobic Microgrooves Produced by Femtosecond Laser Direct Writing. <i>ACS Applied Polymer Materials</i> , 2019 , 1, 2819-2825	4.3	13
375	Facile Synthesis of Co3O4 Nanoparticle-Functionalized Mesoporous SiO2 for Catalytic Degradation of Methylene Blue from Aqueous Solutions. <i>Catalysts</i> , 2019 , 9, 809	4	4
374	Click-encoded rolling FISH for visualizing single-cell RNA polyadenylation and structures. <i>Nucleic Acids Research</i> , 2019 , 47, e145	20.1	10
373	Property enhancement of poly(butylene succinate)/poly(ethyleneglycol-co-cyclohexane-1,4-dimethanolterephthalate) blends via high-speed extrusion and in situ fibrillation. <i>Journal of Applied Polymer Science</i> , 2019 , 136, 47549	2.9	1
372	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	8.3	24
371	Programming accelerated DNA walkers in diffusion-limited microenvironments. <i>Chemical Science</i> , 2019 , 10, 3103-3109	9.4	30
370	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	9.5	49
369	Underwater Superoleophobic Tracks: Underwater Anisotropic 3D Superoleophobic Tracks Applied for the Directional Movement of Oil Droplets and the Microdroplets Reaction (Adv. Mater. Interfaces 10/2019). <i>Advanced Materials Interfaces</i> , 2019 , 6, 1970066	4.6	1
368	Femtosecond Laser-Structured Underwater "Superpolymphobic" Surfaces. <i>Langmuir</i> , 2019 , 35, 9318-9322		16
367	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	3.5	10
366	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	4.6	11
365	Compressed Ultrafast Spectral-Temporal Photography. <i>Physical Review Letters</i> , 2019 , 122, 193904	7.4	31
364	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	3.7	58
363	A femtosecond laser-induced superhydrophobic surface: beyond superhydrophobicity and repelling various complex liquids.. <i>RSC Advances</i> , 2019 , 9, 6650-6657	3.7	11
362	All-in-One Synchronized DNA Nanodevices Facilitating Multiplexed Cell Imaging. <i>Analytical Chemistry</i> , 2019 , 91, 4696-4701	7.8	18
361	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	3.9	15

360	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	4.6	6
359	Mechanically Strong Chitin Fibers with Nanofibril Structure, Biocompatibility, and Biodegradability. <i>Chemistry of Materials</i> , 2019 , 31, 2078-2087	9.6	41
358	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	13	52
357	Locus-patterned sequence oriented enrichment for multi-dimensional gene analysis. <i>Chemical Science</i> , 2019 , 10, 8421-8427	9.4	3
356	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	13	62
355	MXene-Reinforced Cellulose Nanofibril Inks for 3D-Printed Smart Fibres and Textiles. <i>Advanced Functional Materials</i> , 2019 , 29, 1905898	15.6	107
354	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	9.5	35
353	Femtosecond-Laser-Produced Underwater "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	5.6	16
352	Two-dimensional MXene-reinforced robust surface superhydrophobicity with self-cleaning and photothermal-actuating binary effects. <i>Materials Horizons</i> , 2019 , 6, 1057-1065	14.4	86
351	Femtosecond Laser-Induced Underwater Superoleophobic Surfaces with Reversible pH-Responsive Wettability. <i>Langmuir</i> , 2019 , 35, 3295-3301	4	16
350	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	15
349	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	4	36
348	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	6.2	33
347	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	3.5	14
346	Knockdown of PEBP4 inhibits human glioma cell growth and invasive potential via ERK1/2 signaling pathway. <i>Molecular Carcinogenesis</i> , 2019 , 58, 135-143	5	7
345	Mechanically Strong Multifilament Fibers Spun from Cellulose Solution via Inducing Formation of Nanofibers. <i>ACS Sustainable Chemistry and Engineering</i> , 2018 , 6, 5314-5321	8.3	33
344	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	4.8	23
343	Reversible switch between underwater superaerophilicity and superaerophobicity on the superhydrophobic nanowire-haired mesh for controlling underwater bubble wettability. <i>AIP Advances</i> , 2018 , 8, 045001	1.5	12

342	Adsorption and Synergetic Fenton-like Degradation of Methylene Blue by a Novel Mesoporous γ -Fe ₂ O ₃ /SiO ₂ at Neutral pH. <i>Industrial & Engineering Chemistry Research</i> , 2018 , 57, 5539-5549	3.9	20
341	Bioinspired Ultralight Inorganic Aerogel for Highly Efficient Air Filtration and Oil-Water Separation. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 13019-13027	9.5	75
340	Green, Biodegradable, Underwater Superoleophobic Wood Sheet for Efficient Oil/Water Separation. <i>ACS Omega</i> , 2018 , 3, 1395-1402	3.9	40
339	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	4.6	61
338	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	9.5	21
337	Robust and Mechanically and Electrically Self-Healing Hydrogel for Efficient Electromagnetic Interference Shielding. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 8245-8257	9.5	85
336	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	8.3	30
335	Bioinspired Fabrication of Bi/Tridirectionally Anisotropic Sliding Superhydrophobic PDMS Surfaces by Femtosecond Laser. <i>Advanced Materials Interfaces</i> , 2018 , 5, 1701245	4.6	34
334	MnO-Nanosheet-Powered Protective Janus DNA Nanomachines Supporting Robust RNA Imaging. <i>Analytical Chemistry</i> , 2018 , 90, 2271-2276	7.8	36
333	Hall of Fame Article: A Review of Femtosecond-Laser-Induced Underwater Superoleophobic Surfaces (Adv. Mater. Interfaces 7/2018). <i>Advanced Materials Interfaces</i> , 2018 , 5, 1870033	4.6	2
332	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	16.7	560
331	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	1.6	1
330	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	13	90
329	A Review of Femtosecond-Laser-Induced Underwater Superoleophobic Surfaces. <i>Advanced Materials Interfaces</i> , 2018 , 5, 1701370	4.6	68
328	Fire Alarm Wallpaper Based on Fire-Resistant Hydroxyapatite Nanowire Inorganic Paper and Graphene Oxide Thermosensitive Sensor. <i>ACS Nano</i> , 2018 , 12, 3159-3171	16.7	97
327	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	8.9	82
326	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	3.5	21
325	Functional and Biomimetic DNA Nanostructures on Lipid Membranes. <i>Langmuir</i> , 2018 , 34, 14721-14730	4	13

324	Hydroxyapatite nanowire/collagen elastic porous nanocomposite and its enhanced performance in bone defect repair.. <i>RSC Advances</i> , 2018 , 8, 26218-26229	3.7	17
323	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	3.7	7
322	Polydopamine@Gold Nanowaxberry Enabling Improved SERS Sensing of Pesticides, Pollutants, and Explosives in Complex Samples. <i>Analytical Chemistry</i> , 2018 , 90, 9048-9054	7.8	40
321	Antibacterial gluey silver-calcium phosphate composites for dentine remineralization. <i>Journal of Materials Chemistry B</i> , 2018 , 6, 4985-4994	7.3	8
320	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	8.7	26
319	Enhanced Photocatalytic H ₂ Production on Three-Dimensional Porous CeO ₂ /Carbon Nanostructure. <i>ACS Sustainable Chemistry and Engineering</i> , 2018 , 6, 9691-9698	8.3	29
318	Sol-Gel Synthesis of Metal-Phenolic Coordination Spheres and Their Derived Carbon Composites. <i>Angewandte Chemie</i> , 2018 , 130, 9986-9991	3.6	22
317	Sol-Gel Synthesis of Metal-Phenolic Coordination Spheres and Their Derived Carbon Composites. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 9838-9843	16.4	69
316	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	3.5	13
315	Intrauterine hyperglycemia induces intergenerational Dlk1-Gtl2 methylation changes in mouse placenta. <i>Oncotarget</i> , 2018 , 9, 22398-22405	3.3	11
314	High temperature high sensitivity optical fibre sensor based on multimode fibre Bragg grating. <i>Micro and Nano Letters</i> , 2018 , 13, 1537-1541	0.9	
313	Maternal high estradiol exposure alters CDKN1C and IGF2 expression in human placenta. <i>Placenta</i> , 2018 , 61, 72-79	3.4	12
312	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	3.2	5
311	Engineered Janus probes modulate nucleic acid amplification to expand the dynamic range for direct detection of viral genomes in one microliter crude serum samples. <i>Chemical Science</i> , 2018 , 9, 392-397	9.4	19
310	Biomimic Nanominerals: Enzymatic Reaction Generates Biomimic Nanominerals with Superior Bioactivity (Small 51/2018). <i>Small</i> , 2018 , 14, 1870250	11	
309	Enzymatic Reaction Generates Biomimic Nanominerals with Superior Bioactivity. <i>Small</i> , 2018 , 14, e1804321	11	8
308	Electrical and optical properties of metal-sandwiched ZnO/Ti/Cu/Ti/ZnO transparent conductive thin film. <i>Micro and Nano Letters</i> , 2018 , 13, 1511-1515	0.9	0
307	Ordinary Optical Fiber Sensor for Ultra-High Temperature Measurement Based on Infrared Radiation. <i>Sensors</i> , 2018 , 18,	3.8	4

306	3D Multi-Microchannel Helical Mixer Fabricated by Femtosecond Laser inside Fused Silica. <i>Micromachines</i> , 2018 , 9, 1-10	3.3	18
305	Super Strong All-Cellulose Composite Filaments by Combination of Inducing Nanofiber Formation and Adding Nanofibrillated Cellulose. <i>Biomacromolecules</i> , 2018 , 19, 4386-4395	6.9	20
304	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	13	71
303	Fano Resonance-Assisted Plasmonic Trapping of Nanoparticles. <i>Plasmonics</i> , 2017 , 12, 627-630	2.4	3
302	Tunable luminescence and enhanced photocatalytic activity for Eu(III) doped BiWO nanoparticles. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2017 , 177, 58-62	4.4	28
301	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</i> , 2017 , 9, 22261-22271	9.5	50
300	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	4.5	28
299	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, 266-273	9.3	42
298	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	9.5	22
297	Design and Preparation of a Unique Segregated Double Network with Excellent Thermal Conductive Property. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 7637-7647	9.5	115
296	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	3.5	36
295	Green in Situ Synthesis of Clean 3D Chestnutlike Ag/WO Nanostructures for Highly Efficient, Recyclable and Sensitive SERS Sensing. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 7436-7446	9.5	67
294	Two-Dimensional Porous SiO ₂ Nanostructures Derived from Renewable Petal Cells with Enhanced Adsorption Efficiency for Removal of Hazardous Dye. <i>ACS Sustainable Chemistry and Engineering</i> , 2017 , 5, 3478-3487	8.3	19
293	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	8.3	9
292	Hydroxyapatite Nanowire@Magnesium Silicate Core-Shell Hierarchical Nanocomposite: Synthesis and Application in Bone Regeneration. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 16435-16447	9.5	39
291	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	7.3	26
290	Inferior vena cava segmentation with parameter propagation and graph cut. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2017 , 12, 1481-1499	3.9	1
289	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	5.5	33

288	Single copy-sensitive electrochemical assay for circulating methylated DNA in clinical samples with ultrahigh specificity based on a sequential discrimination-amplification strategy. <i>Chemical Science</i> , 2017 , 8, 4764-4770	9.4	55
287	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	3.5	18
286	Ultralong hydroxyapatite microtubes: solvothermal synthesis and application in drug loading and sustained drug release. <i>CrystEngComm</i> , 2017 , 19, 1965-1973	3.3	17
285	Enhanced osteogenesis and angiogenesis by mesoporous hydroxyapatite microspheres-derived simvastatin sustained release system for superior bone regeneration. <i>Scientific Reports</i> , 2017 , 7, 44129	4.9	52
284	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	7.1	188
283	Underwater Transparent Miniature "Mechanical Hand" Based on Femtosecond Laser-Induced Controllable Oil-Adhesive Patterned Glass for Oil Droplet Manipulation. <i>Langmuir</i> , 2017 , 33, 3659-3665	4	20
282	Calcium phosphate-phosphorylated adenosine hybrid microspheres for anti-osteosarcoma drug delivery and osteogenic differentiation. <i>Biomaterials</i> , 2017 , 121, 1-14	15.6	72
281	Novel interconnected nanochannel hydroxyapatite ceramics: synthesis, microstructure, and permeability. <i>Ceramics International</i> , 2017 , 43, 5403-5411	5.1	6
280	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	7.3	43
279	Highly Flexible Multifunctional Biopaper Comprising Chitosan Reinforced by Ultralong Hydroxyapatite Nanowires. <i>Chemistry - A European Journal</i> , 2017 , 23, 3850-3862	4.8	40
278	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	7.3	29
277	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	9.5	108
276	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	9.5	36
275	Fabricating MnO ₂ Nanozymes as Intracellular Catalytic DNA Circuit Generators for Versatile Imaging of Base-Excision Repair in Living Cells. <i>Advanced Functional Materials</i> , 2017 , 27, 1702748	15.6	71
274	Programming Enzyme-Initiated Autonomous DNAzyme Nanodevices in Living Cells. <i>ACS Nano</i> , 2017 , 11, 11908-11914	16.7	70
273	Comparative study of porous hydroxyapatite/chitosan and whitlockite/chitosan scaffolds for bone regeneration in calvarial defects. <i>International Journal of Nanomedicine</i> , 2017 , 12, 2673-2687	7.3	52
272	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	2.6	9
271	Ultralong hydroxyapatite nanowires/collagen scaffolds with hierarchical porous structure, enhanced mechanical properties and excellent cellular attachment. <i>Ceramics International</i> , 2017 , 43, 15747-15754	5.1	18

270	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	8.3	61
269	Dopamine-modified highly porous hydroxyapatite microtube networks with efficient near-infrared photothermal effect, enhanced protein adsorption and mineralization performance. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017 , 159, 337-348	6	18
268	DNA-Mediated Assembly of Gold Nanoparticles and Applications in Bioanalysis. <i>ChemNanoMat</i> , 2017 , 3, 725-735	3.5	14
267	Nepenthes Inspired Design of Self-Repairing Omniphobic Slippery Liquid Infused Porous Surface (SLIPS) by Femtosecond Laser Direct Writing. <i>Advanced Materials Interfaces</i> , 2017 , 4, 1700552	4.6	73
266	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	7.8	33
265	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	9.5	167
264	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	13	108
263	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> , 2017 , 35, 1497-1507	3.5	21
262	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	2.6	7
261	Everolimus halts hepatic cystogenesis in a rodent model of polycystic-liver-disease. <i>World Journal of Gastroenterology</i> , 2017 , 23, 5499-5507	5.6	5
260	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	9.3	15
259	Hydrophobic cellulose films with excellent strength and toughness via ball milling activated acylation of microfibrillated cellulose. <i>Carbohydrate Polymers</i> , 2016 , 154, 129-38	10.3	52
258	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	3.5	19
257	Durability of the tunable adhesive superhydrophobic PTFE surfaces for harsh environment applications. <i>Applied Physics A: Materials Science and Processing</i> , 2016 , 122, 1	2.6	22
256	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	5.5	35
255	Tunable potential well for plasmonic trapping of metallic particles by bowtie nano-apertures. <i>Scientific Reports</i> , 2016 , 6, 32675	4.9	12
254	Highly porous ceramics based on ultralong hydroxyapatite nanowires. <i>RSC Advances</i> , 2016 , 6, 102003-102009	3.7	4
253	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	3.7	12

- 252 Design of a novel wound dressing consisting of alginate hydrogel and simvastatin-incorporated mesoporous hydroxyapatite microspheres for cutaneous wound healing. *RSC Advances*, **2016**, 6, 104375-104387 3.7 34
- 251 Zero-Background Helicase-Dependent Amplification and Its Application to Reliable Assay of Telomerase Activity in Cancer Cell by Eliminating Primer-Dimer Artifacts. *ChemBioChem*, **2016**, 17, 1171-6 3.8 12
- 250 Largely enhanced electrical properties of polymer composites via the combined effect of volume exclusion and synergy. *RSC Advances*, **2016**, 6, 51900-51907 3.7 8
- 249 Sonochemical synthesis of hydroxyapatite nanoflowers using creatine phosphate disodium salt as an organic phosphorus source and their application in protein adsorption. *RSC Advances*, **2016**, 6, 9686-9692 3.7 29
- 248 Effect of chain structure on the thermal conductivity of expanded graphite/polymer composites. *RSC Advances*, **2016**, 6, 10185-10191 3.7 16
- 247 Catalase-functionalized SiO₂ nanoparticles mediate growth of gold nanoparticles for plasmonic biosensing of attomolar microRNA with the naked eye. *RSC Advances*, **2016**, 6, 15709-15715 3.7 9
- 246 DNA-templated microwave-hydrothermal synthesis of nanostructured hydroxyapatite for storing and sustained release of an antibacterial protein. *Dalton Transactions*, **2016**, 45, 1648-56 4.3 22
- 245 Using POSS-60 giant molecules as a novel compatibilizer for PS/PMMA polymer blends. *RSC Advances*, **2016**, 6, 18924-18928 3.7 14
- 244 Association between premature ovarian failure, polymorphisms in MTHFR and MTRR genes and serum homocysteine concentration. *Reproductive BioMedicine Online*, **2016**, 32, 407-13 4 10
- 243 Dynamic near-field nanofocusing by V-shaped metal groove via a femtosecond laser excitation. *Applied Physics A: Materials Science and Processing*, **2016**, 122, 1 2.6
- 242 Preparation of cellulose-graft-poly(lactic acid) via melt copolycondensation for use in polylactic acid based composites: synthesis, characterization and properties. *RSC Advances*, **2016**, 6, 1973-1983 3.7 23
- 241 Fe₂O₃ 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
- 240 Tumor resistance to vascular disrupting agents: mechanisms, imaging, and solutions. *Oncotarget*, **2016**, 7, 15444-59 3.3 35
- 239 Rat model of cholelithiasis with human gallstones implanted in cholestasis-induced virtual gallbladder. *World Journal of Methodology*, **2016**, 6, 154-62 1.2 2
- 238 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**, 11, 5087-5097 7.3 17
- 237 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. *RSC Advances*, **2016**, 6, 66056-66065 3.7 7
- 236 Dragonfly-Eye-Inspired Artificial Compound Eyes with Sophisticated Imaging. *Advanced Functional Materials*, **2016**, 26, 1995-2001 15.6 69
- 235 MtDNA analysis reveals enriched pathogenic mutations in Tibetan highlanders. *Scientific Reports*, **2016**, 6, 31083 4.9 14

234	Fidelity quantification of mercury(II) ion via circumventing biothiols-induced sequestration in enzymatic amplification system. <i>RSC Advances</i> , 2016 , 6, 80296-80301	3.7	
233	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 ^{16.7}	82	
232	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	3.7	16
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	7.3	21
230	Preparation of polyvinylidene fluoride/expanded graphite composites with enhanced thermal conductivity via ball milling treatment. <i>RSC Advances</i> , 2016 , 6, 45578-45584	3.7	33
229	The effect of DBP of carbon black on the dynamic self-assembly in a polymer melt. <i>RSC Advances</i> , 2016 , 6, 24843-24852	3.7	10
228	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 ^{11.8}	13	
227	Oil-Water Separation: A Gift from the Desert. <i>Advanced Materials Interfaces</i> , 2016 , 3, 1500650	4.6	91
226	Property enhancement of graphene fiber by adding small loading of cellulose nanofiber. <i>Nanocomposites</i> , 2016 , 2, 8-17	3.4	9
225	Femtosecond laser controlling underwater oil-adhesion of glass surface. <i>Applied Physics A: Materials Science and Processing</i> , 2015 , 119, 837-844	2.6	18
224	Mechanically reinforced chitosan/cellulose nanocrystals composites with good transparency and biocompatibility. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2015 , 33, 61-69	3.5	34
223	Research on hot embossing process of high fill factor microlens array. <i>Microsystem Technologies</i> , 2015 , 21, 2109-2114	1.7	3
222	3D silver nanoparticles decorated zinc oxide/silicon heterostructured nanomace arrays as high-performance surface-enhanced Raman scattering substrates. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 5725-35	9.5	79
221	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	3.3	12
220	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	4
219	A novel biodegradable phosphorus-containing copolyester with preferable flame retardancy and mechanical properties. <i>RSC Advances</i> , 2015 , 5, 61364-61370	3.7	8
218	Dietary Modulation of Gut Microbiota Contributes to Alleviation of Both Genetic and Simple Obesity in Children. <i>EBioMedicine</i> , 2015 , 2, 968-84	8.8	198
217	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	2.8	22

216	Analysis of Asymmetric Dipoles Interacting in Heterogeneous Metal Nanorod Dimers. <i>Plasmonics</i> , 2015 , 10, 1325-1330	2.4	2
215	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	3.7	22
214	Photoinduced switchable underwater superoleophobicity/superoleophilicity on laser modified titanium surfaces. <i>Journal of Materials Chemistry A</i> , 2015 , 3, 10703-10709	13	101
213	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, 10178-89	9.5	26
212	Bioinspired transparent underwater superoleophobic and anti-oil surfaces. <i>Journal of Materials Chemistry A</i> , 2015 , 3, 9379-9384	13	86
211	Localized surface plasmon resonances in core-embedded heterogeneous nano-bowtie antenna. <i>Applied Physics B: Lasers and Optics</i> , 2015 , 120, 47-51	1.9	5
210	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, 10527-34	7.8	32
209	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	3.7	12
208	Femtosecond laser controlled wettability of solid surfaces. <i>Soft Matter</i> , 2015 , 11, 8897-906	3.6	94
207	Mismatch extension of DNA polymerases and high-accuracy single nucleotide polymorphism diagnostics by gold nanoparticle-improved isothermal amplification. <i>Analytical Chemistry</i> , 2015 , 87, 8718-23	7.8	41
206	Inhibitory impact of 3'-terminal 2'-O-methylated small silencing RNA on target-primed polymerization and unbiased amplified quantification of the RNA in Arabidopsis thaliana. <i>Analytical Chemistry</i> , 2015 , 87, 8758-64	7.8	24
205	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 Edition)</i> , 2015 , 33, 1176-1185	3.5	6
204	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	6	65
203	Simple fabrication of closed-packed IR microlens arrays on silicon by femtosecond laser wet etching. <i>Applied Physics A: Materials Science and Processing</i> , 2015 , 121, 157-162	2.6	12
202	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	7.3	31
201	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	7.3	37
200	Synthesis of polymerized calcium silicate hydrate nanostructures as drug carriers. <i>Journal of Controlled Release</i> , 2015 , 213, e52	11.7	1
199	An amorphous calcium phosphate nanocomposite for storing and sustained release of IgY protein with antibacterial activity. <i>RSC Advances</i> , 2015 , 5, 100682-100688	3.7	9

198	Isothermal Amplification of Nucleic Acids. <i>Chemical Reviews</i> , 2015 , 115, 12491-545	68.1	865
197	Reversible Underwater Lossless Oil Droplet Transportation. <i>Advanced Materials Interfaces</i> , 2015 , 2, 1400388	4.8	55
196	Kinetic study of a swelling-induced network of folds in a cross-linked PS-PDMS film. <i>RSC Advances</i> , 2015 , 5, 3733-3742	3.7	3
195	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, 37923798	3.7	31
194	pH-responsive drug-delivery systems. <i>Chemistry - an Asian Journal</i> , 2015 , 10, 284-305	4.5	100
193	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, 72-9	9.3	35
192	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	3.3	9
191	Microwave-assisted solvothermal synthesis and upconversion luminescence of CaF ₂ :Yb ³⁺ /Er ³⁺ nanocrystals. <i>Journal of Colloid and Interface Science</i> , 2015 , 440, 39-45	9.3	23
190	Inhibition of duck hepatitis B virus replication by mimic peptides. <i>Experimental and Therapeutic Medicine</i> , 2015 , 10, 1697-1703	2.1	
189	Yolk-Shell Porous Microspheres of Calcium Phosphate Prepared by Using Calcium L-Lactate and Adenosine 5'-Triphosphate Disodium Salt: Application in Protein/Drug Delivery. <i>Chemistry - A European Journal</i> , 2015 , 21, 9868-76	4.8	24
188	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, 2503-11	4.5	17
187	Microwave-Assisted Hydrothermal Rapid Synthesis of Calcium Phosphates: Structural Control and Application in Protein Adsorption. <i>Nanomaterials</i> , 2015 , 5, 1284-1296	5.4	12
186	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	3.7	6
185	Porous Microspheres of Casein/Amorphous Calcium Phosphate Nanocomposite: Room Temperature Synthesis and Application in Drug Delivery. <i>Current Nanoscience</i> , 2015 , 12, 70-78	1.4	6
184	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	17
183	Effect of microdomain structure on the mechanical behavior of binary blends. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2015 , 33, 964-975	3.5	4
182	Using an Underwater superoleophobic pattern to make a liquid lens array. <i>RSC Advances</i> , 2015 , 5, 40907-40911	3.7	15
181	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	2.6	3

180	Enhanced thermoelectric properties of PEDOT:PSS films via a novel two-step treatment. <i>RSC Advances</i> , 2015 , 5, 105592-105599	3.7	29
179	A new understanding concerning the influence of structural changes on the thermal behavior of cellulose. <i>Journal of Polymer Research</i> , 2015 , 22, 1	2.7	4
178	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	5.1	53
177	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	7.3	50
176	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	3.7	18
175	Ultralong hydroxyapatite nanowires synthesized by solvothermal treatment using a series of phosphate sodium salts. <i>Materials Letters</i> , 2015 , 144, 135-137	3.3	40
174	Hydrothermal synthesis of hydroxyapatite nanorods using pyridoxal-5'-phosphate as a phosphorus source. <i>Materials Research Bulletin</i> , 2014 , 55, 67-70	5.1	16
173	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, 208-15	9.3	61
172	Fabrication of through holes in silicon carbide using femtosecond laser irradiation and acid etching. <i>Applied Surface Science</i> , 2014 , 289, 529-532	6.7	35
171	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	3.7	20
170	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	7.3	18
169	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, 236-45	6	37
168	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	3.7	16
167	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	3.7	43
166	The resistivity-strain behavior of conductive polymer composites: stability and sensitivity. <i>Journal of Materials Chemistry A</i> , 2014 , 2, 17085-17098	13	132
165	Bioinspired underwater superoleophobic surface with ultralow oil-adhesion achieved by femtosecond laser microfabrication. <i>Journal of Materials Chemistry A</i> , 2014 , 2, 8790-8795	13	136
164	Largely Improved Mechanical Properties of a Poly(styrene-b-isoprene-b-styrene) Thermoplastic Elastomer Prepared under Dynamic-Packing Injection Molding. <i>Industrial & Engineering Chemistry Research</i> , 2014 , 53, 15287-15295	3.9	13
163	Multifunctional biodegradable mesoporous microspheres of Eu-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	7.3	43

162	Microwave hydrothermal transformation of amorphous calcium carbonate nanospheres and application in protein adsorption. <i>ACS Applied Materials & Interfaces</i> , 2014 , 6, 4310-20	9.5	57
161	Ultrafast optical Kerr gate of bismuth-plumbum oxide glass for time-gated ballistic imaging. <i>Journal of Modern Optics</i> , 2014 , 61, 1452-1456	1.1	2
160	Strong and conductive double-network graphene/PVA gel. <i>RSC Advances</i> , 2014 , 4, 39588	3.7	29
159	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, 8098-105	7.8	92
158	Bioinspired superhydrophobic surfaces with directional Adhesion. <i>RSC Advances</i> , 2014 , 4, 8138	3.7	30
157	Effect of molecular weight on the properties of poly(butylene succinate). <i>Chinese Journal of Polymer Science (English Edition)</i> , 2014 , 32, 953-960	3.5	21
156	Toughening of polycarbonate through reactive melt blending: Effect of hydroxyl content and viscosity of hydroxyl-terminated polydimethylsiloxane. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2014 , 32, 823-833	3.5	6
155	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, 7116-21	4.8	24
154	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	30
153	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	13	140
152	A methylation-blocked cascade amplification strategy for label-free colorimetric detection of DNA methyltransferase activity. <i>Biosensors and Bioelectronics</i> , 2014 , 54, 565-70	11.8	63
151	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	3.3	24
150	Highly flexible and nonflammable inorganic hydroxyapatite paper. <i>Chemistry - A European Journal</i> , 2014 , 20, 1242-6	4.8	124
149	Microwave-assisted preparation of inorganic nanostructures in liquid phase. <i>Chemical Reviews</i> , 2014 , 114, 6462-555	68.1	550
148	Simultaneous improvements of thermal stability and mechanical properties of poly(propylene carbonate) via incorporation of environmental-friendly polydopamine. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2014 , 32, 1724-1736	3.5	15
147	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, 2908-14	4.5	20
146	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	10.3	33
145	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, 083111	2.5	11

144	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	3.3	16
143	ATP-stabilized amorphous calcium carbonate nanospheres and their application in protein adsorption. <i>Small</i> , 2014 , 10, 2047-56	11	30
142	High-Performance Laser Beam Homogenizer Based on Double-Sided Concave Microlens. <i>IEEE Photonics Technology Letters</i> , 2014 , 26, 2086-2089	2.2	13
141	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	7.3	19
140	Hydroxyapatite nanosheet-assembled microspheres: hemoglobin-templated synthesis and adsorption for heavy metal ions. <i>Journal of Colloid and Interface Science</i> , 2014 , 416, 11-8	9.3	69
139	Control of the hierarchical structure of polymer articles via structuring-processing. <i>Progress in Polymer Science</i> , 2014 , 39, 891-920	29.6	54
138	Multifunctional Calcium Phosphate Nanostructured Materials and Biomedical Applications. <i>Current Nanoscience</i> , 2014 , 10, 465-485	1.4	43
137	Combined effect of nucleating agent and processing melt temperature on the toughness of impact polypropylene copolymer. <i>Polymer International</i> , 2013 , 62, 172-178	3.3	13
136	Superior Method for Measuring Chirp Structure of Femtosecond Supercontinuum Pulse. <i>IEEE Photonics Technology Letters</i> , 2013 , 25, 261-263	2.2	1
135	Bioinspired wetting surface via laser microfabrication. <i>ACS Applied Materials & Interfaces</i> , 2013 , 5, 6777-92	9.5	154
134	Magnetic nanocomposite of hydroxyapatite ultrathin nanosheets/FeO nanoparticles: microwave-assisted rapid synthesis and application in pH-responsive drug release. <i>Biomaterials Science</i> , 2013 , 1, 1074-1081	7.4	42
133	Effect of surface wettability on transparency in different water conditions 2013 , 10, 641-647		8
132	A high-efficiency three-dimensional helical micromixer in fused silica. <i>Microsystem Technologies</i> , 2013 , 19, 1033-1040	1.7	15
131	Pump power dependence of the spatial gating properties of femtosecond optical Kerr effect measurements. <i>Applied Physics B: Lasers and Optics</i> , 2013 , 112, 279-283	1.9	1
130	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> , 2013 , 15, 7926	3.3	51
129	Solvothermal synthesis of oriented hydroxyapatite nanorod/nanosheet arrays using creatine phosphate as phosphorus source. <i>CrystEngComm</i> , 2013 , 15, 4527	3.3	35
128	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	3.5	7
127	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	11.8	75

126	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, 6494-503	16.4	288
125	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	3.3	78
124	A Simple Way to Fabricate Close-Packed High Numerical Aperture Microlens Arrays. <i>IEEE Photonics Technology Letters</i> , 2013 , 25, 1336-1339	2.2	11
123	Methylation-blocked enzymatic recycling amplification for highly sensitive fluorescence sensing of DNA methyltransferase activity. <i>Analyst, The</i> , 2013 , 138, 284-9	5	42
122	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, 764-70	11.8	54
121	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	4.3	16
120	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	4.5	46
119	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> , 2013 , 19, 981-7	4.8	108
118	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	5.1	26
117	Microwave-assisted solvothermal ionic liquid rapid synthesis of aluminum fluorohydroxide single-crystalline octahedra. <i>Materials Letters</i> , 2013 , 94, 104-107	3.3	3
116	A simple method for fabrication of high-aspect-ratio all-silicon grooves. <i>Applied Surface Science</i> , 2013 , 284, 372-378	6.7	4
115	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, 218-24	11.8	38
114	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	2.6	53
113	Microwave-assisted rapid synthesis and photocatalytic activity of mesoporous Nd-doped SrTiO ₃ nanospheres and nanoplates. <i>Materials Letters</i> , 2013 , 100, 62-65	3.3	33
112	Amorphous calcium silicate hydrate/block copolymer hybrid nanoparticles: synthesis and application as drug carriers. <i>Dalton Transactions</i> , 2013 , 42, 7032-40	4.3	36
111	The antifungal activity of graphene oxide-silver nanocomposites. <i>Biomaterials</i> , 2013 , 34, 3882-90	15.6	204
110	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	2.6	6
109	Calcium phosphate hybrid nanoparticles: self-assembly formation, characterization, and application as an anticancer drug nanocarrier. <i>Chemistry - an Asian Journal</i> , 2013 , 8, 1306-12	4.5	31

108	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	5.3	30
107	Synthesis and microphase separated structures of polydimethylsiloxane/polycarbonate-based polyurethanes. <i>RSC Advances</i> , 2013 , 3, 8291	3.7	24
106	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, 663-7	8.3	7
105	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, 2911-25	11	54
104	Solvothermal synthesis, characterization and magnetic properties of Fe_2O_3 and Fe_3O_4 flower-like hollow microspheres. <i>Journal of Solid State Chemistry</i> , 2013 , 199, 204-211	3.3	22
103	Femtosecond Laser Weaving Superhydrophobic Patterned PDMS Surfaces with Tunable Adhesion. <i>Journal of Physical Chemistry C</i> , 2013 , 117, 24907-24912	3.8	120
102	Process for the fabrication of complex three-dimensional microcoils in fused silica. <i>Optics Letters</i> , 2013 , 38, 2911-4	3	15
101	Fabrication and analytical evaluation of three-dimensional microsolenoids achieved in fused silica by femtosecond-laser-based microsolidifying process. <i>Micro and Nano Letters</i> , 2013 , 8, 623-628	0.9	
100	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> , 2013 , 170, 440-57	8.6	54
99	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, 5332-41	4.8	136
98	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	2.2	3
97	The preparation and properties of polystyrene/functionalized graphene nanocomposite foams using supercritical carbon dioxide. <i>Polymer International</i> , 2013 , 62, 1077-1084	3.3	55
96	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	5
95	Synergistic effects of TiO_2 modification and impact polypropylene copolymer on brittle-ductile transition of polypropylene random copolymer. <i>Journal of Applied Polymer Science</i> , 2013 , 129, 3613-3622	2.9	11
94	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, 1313-20	4.5	54
93	Multifunctional $\text{Eu}^{3+}/\text{Gd}^{3+}$ dual-doped calcium phosphate vesicle-like nanospheres for sustained drug release and imaging. <i>Biomaterials</i> , 2012 , 33, 6447-55	15.6	112
92	Co-precipitation synthesis route to yttrium aluminum garnet (YAG) transparent ceramics. <i>Journal of the European Ceramic Society</i> , 2012 , 32, 2971-2979	6	95
91	Amplified fluorescence detection of mercury(II) ions (Hg^{2+}) using target-induced DNAzyme cascade with catalytic and molecular beacons. <i>Analyst</i> , 2012 , 137, 2799-805	5	43

90	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	3.3	67
89	Simultaneous nuclear imaging and intranuclear drug delivery by nuclear-targeted multifunctional upconversion nanoprobe. <i>Biomaterials</i> , 2012 , 33, 7282-90	15.6	128
88	Hydroxyapatite nanosheet-assembled porous hollow microspheres: DNA-templated hydrothermal synthesis, drug delivery and protein adsorption. <i>Journal of Materials Chemistry</i> , 2012 , 22, 22642		117
87	Chiral guanosine 5'-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	57
86	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, 6969-74	9.5	34
85	Ultrasensitive and selective detection of nicotinamide adenine dinucleotide by target-triggered ligation-rolling circle amplification. <i>Chemical Communications</i> , 2012 , 48, 3354-6	5.8	35
84	The interfacial enhancement of LLDPE/whisker composites via interfacial crystallization. <i>Polymers for Advanced Technologies</i> , 2012 , 23, 431-440	3.2	12
83	Acid-modified carbon nanotubes distribution and mechanical enhancement in polystyrene/elastomer blends. <i>Polymer Engineering and Science</i> , 2012 , 52, 964-971	2.3	4
82	Light-triggered theranostics based on photosensitizer-conjugated carbon dots for simultaneous enhanced-fluorescence imaging and photodynamic therapy. <i>Advanced Materials</i> , 2012 , 24, 5104-10	24	557
81	Interfacial enhancement of maleated polypropylene/silica composites using graphene oxide. <i>Journal of Applied Polymer Science</i> , 2012 , 125, E348	2.9	30
80	Unusual rheological characteristics of polypropylene/organoclay nanocomposites in continuous cooling process. <i>Journal of Applied Polymer Science</i> , 2012 , 125, E292	2.9	2
79	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, 1610-5	4.5	22
78	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	3.5	9
77	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	8
76	Fabrication of bioinspired omnidirectional and gapless microlens array for wide field-of-view detections. <i>Applied Physics Letters</i> , 2012 , 100, 133701	3.4	41
75	Time-resolved single-shot imaging of femtosecond laser induced filaments using supercontinuum and optical polarigraphy. <i>Applied Physics Letters</i> , 2012 , 100, 111107	3.4	13
74	Interfacial enhancement of poly(ethylene terephthalate)/silica composites using graphene oxide. <i>Journal of Materials Research</i> , 2012 , 27, 2360-2367	2.5	6
73	Nanostructured Calcium Phosphates: Preparation and Their Application in Biomedicine. <i>Nano Biomedicine and Engineering</i> , 2012 , 4,	2.9	27

72	Stretch-Induced Shish-Kebabs in Rubbery Poly(L-Lactide). <i>Journal of Macromolecular Science - Physics</i> , 2011 , 50, 2042-2049	1.4	7
71	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		158
70	Fabrication of a transparent superamphiphobic coating with improved stability. <i>Soft Matter</i> , 2011 , 7, 6435	3.6	119
69	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		85
68	PET Clay Nanocomposites by In-situ Polymerization 2011 , 105-122		
67	Synthesis and characterization of the tellurium/calcium silicate nanocomposite. <i>Materials Letters</i> , 2011 , 65, 424-426	3.3	6
66	Microwave-assisted synthesis of hydroxyapatite hollow microspheres in aqueous solution. <i>Materials Letters</i> , 2011 , 65, 2361-2363	3.3	46
65	The photoluminescence, drug delivery and imaging properties of multifunctional Eu ³⁺ /Gd ³⁺ dual-doped hydroxyapatite nanorods. <i>Biomaterials</i> , 2011 , 32, 9031-9	15.6	261
64	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		128
63	Cross-linking of gelatin and chitosan complex nanofibers for tissue-engineering scaffolds. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2011 , 22, 1099-113	3.5	55
62	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	3.5	9
61	Fabrication of quasi-periodic micro-voids in fused silica by single femtosecond laser pulse. <i>Applied Physics A: Materials Science and Processing</i> , 2011 , 102, 39-44	2.6	7
60	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, 428-34	6	42
59	Europium-doped amorphous calcium phosphate porous nanospheres: preparation and application as luminescent drug carriers. <i>Nanoscale Research Letters</i> , 2011 , 6, 67	5	67
58	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	8
57	Dependence of mechanical properties on [Form content and crystalline morphology for [Nucleated isotactic polypropylene. <i>Polymers for Advanced Technologies</i> , 2011 , 22, 2044-2054	3.2	64
56	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
55	Influence of electronic effects from bridging groups on synthetic reaction and thermally activated polymerization of bisphenol-based benzoxazines. <i>Journal of Polymer Science Part A</i> , 2011 , 49, 1443-1452 ^{2.5}		58

54	Tailoring toughness of injection molded bar of polypropylene random copolymer through processing melt temperature. <i>Polymer International</i> , 2011 , 60, 1705-1714	3.3	11
53	Preparation, structure and properties of thermoplastic olefin nanocomposites containing functionalized carbon nanotubes. <i>Polymer International</i> , 2011 , 60, 1629-1637	3.3	25
52	Extension-induced mechanical reinforcement in melt-spun fibers of polyamide 66/multiwalled carbon nanotube composites. <i>Polymer International</i> , 2011 , 60, 1646-1654	3.3	25
51	Preparation and properties of poly(ethylene terephthalate)/inorganic whiskers composites. <i>Journal of Applied Polymer Science</i> , 2011 , 121, 604-611	2.9	10
50	Strengthening and toughening of thermoplastic polyolefin elastomer using polypropylene-grafted multiwalled carbon nanotubes. <i>Journal of Applied Polymer Science</i> , 2011 , 121, 2104-2112	2.9	23
49	Mutual wetting transition between isotropic and anisotropic on directional structures fabricated by femtosecond laser. <i>Soft Matter</i> , 2011 , 7, 8337	3.6	41
48	Surfactant-free solvothermal synthesis of hydroxyapatite nanowire/nanotube ordered arrays with biomimetic structures. <i>CrystEngComm</i> , 2011 , 13, 1858-1863	3.3	73
47	A promising alternative to conventional polyethylene with poly(propylene carbonate) reinforced by graphene oxide nanosheets. <i>Journal of Materials Chemistry</i> , 2011 , 21, 17627		51
46	Amorphous calcium phosphate/poly(D,L-lactic acid) composite nanofibers: electrospinning preparation and biomineralization. <i>Journal of Colloid and Interface Science</i> , 2011 , 359, 371-9	9.3	48
45	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
44	Feng Chen's work on translational and clinical imaging. <i>World Journal of Radiology</i> , 2011 , 3, 120-4	2.9	
43	Shape measurement of objects using an ultrafast optical Kerr gate of bismuth glass. <i>Journal of Applied Physics</i> , 2010 , 107, 043104	2.5	14
42	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		54
41	Hollow/rattle-type mesoporous nanostructures by a structural difference-based selective etching strategy. <i>ACS Nano</i> , 2010 , 4, 529-39	16.7	575
40	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	2.3	55
39	Maskless fabrication of concave microlens arrays on silica glasses by a femtosecond-laser-enhanced local wet etching method. <i>Optics Express</i> , 2010 , 18, 20334-43	3.3	110
38	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	5.7	10
37	Porous nanocomposites of PEG-PLA/calcium phosphate: room-temperature synthesis and its application in drug delivery. <i>Dalton Transactions</i> , 2010 , 39, 4435-9	4.3	34

36	Stabilization of (SnS ₄) ₄ ⁴⁻ anion by coordinating to [TM(π -conjugated-ligand) _m] ⁿ⁺ complex: a chain-like thiostannate(IV) {[Mn(phen)] ₂ (SnS ₄) _n] ⁿ⁺ ·nH ₂ O exhibiting an unprecedented link mode of the (SnS ₄) ₄ ⁴⁻ anion. <i>CrystEngComm</i> , 2010 , 12, 4035	3.3	29
35	Flower-like hierarchically nanostructured hydroxyapatite hollow spheres: facile preparation and application in anticancer drug cellular delivery. <i>Chemistry - an Asian Journal</i> , 2010 , 5, 2477-82	4.5	65
34	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, 3013-20	10.8	67
33	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	3.5	13
32	Research on the technology of femtosecond laser micromachining based on image edge tracing. <i>Science Bulletin</i> , 2010 , 55, 877-881		2
31	Calcium phosphate/block copolymer hybrid porous nanospheres: Preparation and application in drug delivery. <i>Materials Letters</i> , 2010 , 64, 2299-2301	3.3	18
30	Study on structural changes of microwave heat-moisture treated resistant Canna edulis Ker starch during digestion in vitro. <i>Food Hydrocolloids</i> , 2010 , 24, 27-34	10.6	72
29	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. <i>European Journal of Inorganic Chemistry</i> , 2010 , 2010, 4982-4991	2.3	44
28	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, 749-53	24	129
27	Hydroxylapatite nanorods: an efficient and promising carrier for gene transfection. <i>Journal of Colloid and Interface Science</i> , 2010 , 345, 427-32	9.3	50
26	Rapid microwave-assisted synthesis and characterization of cellulose-hydroxyapatite nanocomposites in N,N-dimethylacetamide solvent. <i>Carbohydrate Research</i> , 2010 , 345, 1046-50	2.9	33
25	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	2.6	4
24	Largely improved tensile extensibility of poly(L-lactic acid) by adding poly(ϵ -caprolactone). <i>Polymer International</i> , 2010 , 59, n/a-n/a	3.3	4
23	Single-step rapid microwave-assisted synthesis of polyacrylamide/calcium phosphate nanocomposites in aqueous solution. <i>Materials Letters</i> , 2009 , 63, 1332-1334	3.3	24
22	The study on the degradation and mineralization mechanism of ion-doped calcium polyphosphate in vitro. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2009 , 89, 430-438	3.5	38
21	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	2.9	5
20	Brittle \rightarrow ductile transition in the PETG/PC blends by adding PTW elastomer. <i>Polymers for Advanced Technologies</i> , 2009 , 21, n/a-n/a	3.2	4
19	Polarization Dependence of Femtosecond Optical Kerr Signals in Bismuth Glasses. <i>IEEE Photonics Technology Letters</i> , 2009 , 21, 1606-1608	2.2	6

18	Sequence-length variation of mtDNA HVS-I C-stretch in Chinese ethnic groups. <i>Journal of Zhejiang University: Science B</i> , 2009 , 10, 711-20	4.5	15
17	Direct Formation of Nanohybrid Shish-Kebab in the Injection Molded Bar of Polyethylene/Multiwalled Carbon Nanotubes Composite. <i>Macromolecules</i> , 2009 , 42, 7016-7023	5.5	143
16	New Understanding in Tuning Toughness of Polypropylene: The Role of Nucleated Crystalline Morphology. <i>Macromolecules</i> , 2009 , 42, 9325-9331	5.5	241
15	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, 2117-28	3.5	31
14	Electrospun chitosan-P(LLA-CL) nanofibers for biomimetic extracellular matrix. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2008 , 19, 677-91	3.5	73
13	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	4.7	44
12	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	3.2	38
11	Synthesis of La ³⁺ doped mesoporous titania with highly crystallized walls. <i>Microporous and Mesoporous Materials</i> , 2005 , 79, 93-99	5.3	80
10	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	2.3	62
9	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	2.3	45
8	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, 126-33	3.4	14
7	The effects of antidepressant treatment on serotonergic and dopaminergic systems in Fawn-Hooded rats: a quantitative autoradiography study. <i>Brain Research</i> , 2003 , 976, 22-9	3.7	21
6	Great Framework Variation of Polymers in the Manganese(II) Maleate/Pyridine System: Syntheses, Structures, and Magneto-Structural Correlation. <i>European Journal of Inorganic Chemistry</i> , 2003 , 2003, 2872-2879	2.3	26
5	Photo-Fenton degradation of malachite green catalyzed by aromatic compounds under visible light irradiation. <i>New Journal of Chemistry</i> , 2002 , 26, 336-341	3.6	60
4	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	2.8	4
3	Preparation and photocatalytic properties of a novel kind of loaded photocatalyst of TiO ₂ /SiO ₂ /Fe ₂ O ₃ . <i>Catalysis Letters</i> , 1999 , 58, 245-247	2.8	61
2	Slippery Liquid-Infused Porous Surface on Metal Material with Excellent Ice Resistance Fabricated by Femtosecond Bessel Laser. <i>Advanced Engineering Materials</i> , 2101738	3.5	1
1	A Universal Mechanochemistry Allows On-Demand Synthesis of Stable and Processable Liquid Metal Composites. <i>Small Methods</i> , 2200246	12.8	3

