

Xiaojun Han

List of Publications by Year in descending order

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215
papers

5,807
citations

76326

40
h-index

133252

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223
all docs

223
docs citations

223
times ranked

6823
citing authors

#	ARTICLE	IF	CITATIONS
1	Rational fabrication of Bi ₂ WO ₆ decorated TiO ₂ nanotube arrays for photocatalytic degradation of organic pollutants. <i>Materials Research Bulletin</i> , 2022, 145, 111563.	5.2	39
2	Fe doped InVO ₄ nanosheets with rich surface oxygen vacancies for enhanced electrochemical nitrogen fixation. <i>Chemical Engineering Journal</i> , 2022, 431, 133383.	12.7	15
3	Non-viral nanocarriers for CRISPR-Cas9 gene editing system delivery. <i>Chemical Engineering Journal</i> , 2022, 435, 135116.	12.7	7
4	Micrometer-size double-helical structures from phospholipid-modified carbon nanotubes. <i>Soft Matter</i> , 2022, 18, 2726-2730.	2.7	1
5	Mimicking Cellular Metabolism in Artificial Cells: Universal Molecule Transport across the Membrane through Vesicle Fusion. <i>Analytical Chemistry</i> , 2022, 94, 3811-3818.	6.5	14
6	High-throughput production of functional prototissues capable of producing NO for vasodilation. <i>Nature Communications</i> , 2022, 13, 2148.	12.8	17
7	RGD Peptide Modified Erythrocyte Membrane/Porous Nanoparticles Loading Mir-137 for NIR-Stimulated Theranostics of Glioblastomas. <i>Nanomaterials</i> , 2022, 12, 1464.	4.1	7
8	Direct Z-scheme charge transfer of Bi ₂ WO ₆ /InVO ₄ interface for efficient photocatalytic CO ₂ reduction. <i>Chemical Engineering Journal</i> , 2022, 446, 137129.	12.7	6
9	Progress on Crowding Effect in Cell-like Structures. <i>Membranes</i> , 2022, 12, 593.	3.0	4
10	Reversible Deformation of Artificial Cell Colonies Triggered by Actin Polymerization for Muscle Behavior Mimicry. <i>Advanced Materials</i> , 2022, 34, .	21.0	14
11	Recoverable peroxidase-like Fe ₃ O ₄ @MoS ₂ -Ag nanozyme with enhanced antibacterial ability. <i>Chemical Engineering Journal</i> , 2021, 408, 127240.	12.7	205
12	Biomimetic light-activatable graphene-based nanoarchitecture for synergistic chemophotothermal therapy. <i>Chemical Engineering Journal</i> , 2021, 420, 127710.	12.7	11
13	Versatile Phospholipid Assemblies for Functional Synthetic Cells and Artificial Tissues. <i>Advanced Materials</i> , 2021, 33, e2002635.	21.0	50
14	Melt Electrospinning Writing of Magnetic Microrobots. <i>Advanced Science</i> , 2021, 8, 2003177.	11.2	29
15	Magnetic-responsive Pickering emulsion and its catalytic application at the water-oil interface. <i>New Journal of Chemistry</i> , 2021, 45, 3974-3980.	2.8	6
16	Principles and Applications of Single Particle Tracking in Cell Research. <i>Small</i> , 2021, 17, e2005133.	10.0	14
17	Bacterial Behavior in Confined Spaces. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 629820.	3.7	6
18	Research Progress of Electrochemical Detection of Heavy Metal Ions. <i>Chinese Journal of Analytical Chemistry</i> , 2021, 49, 330-340.	1.7	38

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19	Breast milk flora plays an important role in infantile eczema: cohort study in Northeast China. <i>Journal of Applied Microbiology</i> , 2021, 131, 2981-2993.	3.1	6
20	3D Electrospun Synthetic Extracellular Matrix for Tissue Regeneration. <i>Small Science</i> , 2021, 1, 2100003.	9.9	59
21	Recent progress of inorganic metal-based catalysts in electrocatalytic synthesis of ammonia. <i>Materials Today Energy</i> , 2021, 21, 100766.	4.7	22
22	UiO-66 based electrochemical sensor for simultaneous detection of Cd(II) and Pb(II). <i>Inorganic Chemistry Communication</i> , 2021, 131, 108785.	3.9	38
23	Anti-obesity and metabolism-regulating effects of heat-inactivated <i>Streptococcus thermophilus</i> MNZLW002. <i>Letters in Applied Microbiology</i> , 2021, 72, 677-687.	2.2	16
24	Uniform octahedral ZrO ₂ @C from carbonized UiO-66 for electrocatalytic nitrogen reduction. <i>Materials Today Energy</i> , 2021, 22, 100884.	4.7	10
25	Recent Progress of Lung Cancer Diagnosis Using Nanomaterials. <i>Crystals</i> , 2021, 11, 24.	2.2	1
26	Red blood cell membrane-coated biomimetic upconversion nanoarchitectures for synergistic chemo-photodynamic therapy. <i>New Journal of Chemistry</i> , 2021, 45, 22269-22279.	2.8	4
27	SiO ₂ /MXene/Poly(tetrafluoroethylene)-Based Janus Membranes as Solar Absorbers for Solar Steam Generation. <i>ACS Applied Nano Materials</i> , 2021, 4, 14274-14284.	5.0	25
28	Phototherapy ablation of rabbit orthotopic tumors by non-stoichiometric BiPO ₄ ^x nanoparticles. <i>Chemical Engineering Journal</i> , 2020, 386, 123961.	12.7	14
29	Flexible amorphous MoS ₂ nanoflakes/N-doped carbon microtubes/reduced graphite oxide composite paper as binder free anode for full cell lithium ion batteries. <i>Electrochimica Acta</i> , 2020, 333, 135568.	5.2	37
30	Plasmonic Ag decorated graphitic carbon nitride sheets with enhanced visible-light response for photocatalytic water disinfection and organic pollutant removal. <i>Chemosphere</i> , 2020, 242, 125201.	8.2	64
31	Simultaneous detection of trace Cd(II) and Pb(II) by differential pulse anodic stripping voltammetry using a bismuth oxycarbide/nafion electrode. <i>Inorganic Chemistry Communication</i> , 2020, 111, 107672.	3.9	54
32	Construction of novel 3D ZnO hierarchical structure with Fe ₃ O ₄ assist and its enhanced visible light photocatalytic performance. <i>Journal of Environmental Chemical Engineering</i> , 2020, 8, 103548.	6.7	19
33	Effect of cholesterol on the fluidity of supported lipid bilayers. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020, 196, 111353.	5.0	21
34	Perovskite Microcrystals with Intercalated Monolayer MoS ₂ Nanosheets as Advanced Photocatalyst for Solar-Powered Hydrogen Generation. <i>Matter</i> , 2020, 3, 935-949.	10.0	81
35	Targeted miR-21 loaded liposomes for acute myocardial infarction. <i>Journal of Materials Chemistry B</i> , 2020, 8, 10384-10391.	5.8	22
36	A hierarchically ordered compacted coil scaffold for tissue regeneration. <i>NPG Asia Materials</i> , 2020, 12, .	7.9	19

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37	A biocompatible artificial tendril with a spontaneous 3D Janus multi-helix-perversion configuration. <i>Materials Chemistry Frontiers</i> , 2020, 4, 2149-2156.	5.9	12
38	Phospholipid Self-Assemblies Shaped Like Ancient Chinese Coins for Artificial Organelles. <i>Analytical Chemistry</i> , 2020, 92, 6060-6064.	6.5	5
39	Profiles of gut microbiota in children with obesity from Harbin, China and screening of strains with anti-obesity ability <i>in vitro</i> and <i>in vivo</i> . <i>Journal of Applied Microbiology</i> , 2020, 129, 728-737.	3.1	7
40	Chemical Information Exchange in Organized Protocells and Natural Cell Assemblies with Controllable Spatial Positions. <i>Small</i> , 2020, 16, e1906394.	10.0	48
41	A Z-scheme ZnFe ₂ O ₄ /RGO/In ₂ O ₃ hierarchical photocatalyst for efficient CO ₂ reduction enhancement. <i>Journal of Materials Chemistry A</i> , 2020, 8, 6524-6531.	10.3	51
42	Rational Construction of MnCo ₂ O _{4.5} Deposited TiO ₂ Nanotube Array Heterostructures with Enhanced Photocatalytic Degradation of Tetracycline. <i>ChemPhotoChem</i> , 2020, 4, 366-372.	3.0	12
43	Programmed magnetic manipulation of vesicles into spatially coded prototissue architectures arrays. <i>Nature Communications</i> , 2020, 11, 232.	12.8	67
44	Enhanced antibacterial performance of gelatin/chitosan film containing capsaicin loaded MOFs for food packaging. <i>Applied Surface Science</i> , 2020, 510, 145418.	6.1	120
45	In situ Surface Charge Density Visualization of Self-assembled DNA Nanostructures after Ion Exchange. <i>ChemPhysChem</i> , 2020, 21, 1474-1482.	2.1	13
46	Direct and fast capture lactoferrin from cheese whey on nanoparticles of Fe ₃ O ₄ combined with concanavalin A. <i>Food Chemistry</i> , 2019, 274, 314-318.	8.2	11
47	Prediction of the size of electroformed giant unilamellar vesicle using response surface methodology. <i>Biophysical Chemistry</i> , 2019, 253, 106217.	2.8	14
48	Cat-tail-like Mesostructured Silica Fibers Decorated with Gold Nanowires: Synthesis, Characterization, and Application as Stretchable Sensors. <i>ChemPlusChem</i> , 2019, 84, 1030-1030.	2.8	1
49	Acoustic deformation for the extraction of mechanical properties of lipid vesicle populations. <i>Physical Review E</i> , 2019, 99, 063002.	2.1	27
50	Preparation Methods for Phospholipid Vesicle Arrays and Their Applications in Biological Analysis. <i>Chinese Journal of Analytical Chemistry</i> , 2019, 47, 1134-1144.	1.7	4
51	Bowl-like Micromotors Using Red Blood Cell Membrane as Template. <i>ChemistrySelect</i> , 2019, 4, 10296-10298.	1.5	8
52	Polymer antibacterial agent immobilized polyethylene films as efficient antibacterial cling films. <i>Materials Science and Engineering C</i> , 2019, 105, 110088.	7.3	9
53	A multifunctional biomimetic hybrid nanocarrier for the controlled delivery of chemotherapy drugs by near-infrared light. <i>New Journal of Chemistry</i> , 2019, 43, 2752-2757.	2.8	8
54	Surface-engineered vanadium nitride nanosheets for an imaging-guided photothermal/photodynamic platform of cancer treatment. <i>Nanoscale</i> , 2019, 11, 1968-1977.	5.6	29

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55	Ag@ZnO Submicrometer Rod Arrays for High-Efficiency Photocatalytic Degradation of Congo Red and Disinfection. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 11258-11266.	6.7	73
56	Detection of Tetracycline in Water Using Glutathione-protected Fluorescent Gold Nanoclusters. <i>Analytical Sciences</i> , 2019, 35, 367-370.	1.6	22
57	Chemical Signal Communication between Two Protoorganelles in a Lipid-Based Artificial Cell. <i>Analytical Chemistry</i> , 2019, 91, 6859-6864.	6.5	53
58	Bioadhesive anisotropic nanogrooved microfibers directing three-dimensional neurite extension. <i>Biomaterials Science</i> , 2019, 7, 2165-2173.	5.4	25
59	Multicompartmentalized vesosomes containing DOX loaded liposomes and 5FU loaded liposomes for synergistic tumor treatment. <i>New Journal of Chemistry</i> , 2019, 43, 4895-4899.	2.8	20
60	Catfish-Like Mesostructured Silica Fibers Decorated with Gold Nanowires: Synthesis, Characterization, and Application as Stretchable Sensors. <i>ChemPlusChem</i> , 2019, 84, 1031-1038.	2.8	6
61	Topological Defect-Driven Buckling of Phospholipid Bicelles to Cones for Micromotors with Modulated Heading Pathways. <i>ACS Nano</i> , 2019, 13, 3573-3579.	14.6	10
62	Prussian blue-coated lanthanide-doped core/shell/shell nanocrystals for NIR-II image-guided photothermal therapy. <i>Nanoscale</i> , 2019, 11, 22079-22088.	5.6	50
63	Interaction of pH-responsive polyanions with phospholipid membranes. <i>Polymer Chemistry</i> , 2019, 10, 5992-5997.	3.9	7
64	Functional Graphene Derivatives for Chemotherapy-Based Synergistic Tumor Therapy. <i>Nano</i> , 2019, 14, 1930006.	1.0	4
65	Chemical sensors for environmental pollutant determination. , 2019, , 147-160.		10
66	Chemical communication in spatially organized protocell colonies and protocell/living cell micro-arrays. <i>Chemical Science</i> , 2019, 10, 9446-9453.	7.4	82
67	ZnO/Ag@Ag ₂ O microstructures for high-performance photocatalytic degradation of organic pollutants. <i>Clean Technologies and Environmental Policy</i> , 2019, 21, 367-378.	4.1	15
68	Multilayer giant unilamellar vesicles as a model of artificial tissue for drug screen. <i>Chemical Physics Letters</i> , 2019, 717, 34-37.	2.6	6
69	Microbial Electrode Sensor for Heavy-metal Ions. <i>Sensors and Materials</i> , 2019, 31, 4103.	0.5	4
70	Thylakoid Containing Artificial Cells for the Inhibition Investigation of Light-Driven Electron Transfer during Photosynthesis. <i>ACS Synthetic Biology</i> , 2018, 7, 945-951.	3.8	24
71	Hierarchical drug release of pH-sensitive liposomes encapsulating aqueous two phase system. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2018, 127, 177-182.	4.3	24
72	Bismuth Ferrite-Based Nanoplatform Design: An Ablation Mechanism Study of Solid Tumor and NIR-Triggered Photothermal/Photodynamic Combination Cancer Therapy. <i>Advanced Functional Materials</i> , 2018, 28, 1706827.	14.9	99

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73	Frontispiece: MoS ₂ @HKUST-1 Flower-Like Nanohybrids for Efficient Hydrogen Evolution Reactions. <i>Chemistry - A European Journal</i> , 2018, 24, .	3.3	0
74	Multifunctional Bismuth Nanoparticles as Theranostic Agent for PA/CT Imaging and NIR Laser-Driven Photothermal Therapy. <i>ACS Applied Nano Materials</i> , 2018, 1, 820-830.	5.0	57
75	A green method to synthesize flowerlike Fe(OH) ₃ microspheres for enhanced adsorption performance toward organic and heavy metal pollutants. <i>Journal of Environmental Sciences</i> , 2018, 73, 47-57.	6.1	45
76	Direct measurement of surface charge distribution in phase separating supported lipid bilayers. <i>Nanoscale</i> , 2018, 10, 4538-4544.	5.6	31
77	Effect of bovine lactoferrin and human lactoferrin on the proliferative activity of the osteoblast cell line MC3T3-E1 in vitro. <i>Journal of Dairy Science</i> , 2018, 101, 1827-1833.	3.4	31
78	Interaction of cells with patterned reactors. <i>Biomaterials Science</i> , 2018, 6, 793-802.	5.4	6
79	A novel strategy for water disinfection with a AgNPs/gelatin sponge filter. <i>Environmental Science and Pollution Research</i> , 2018, 25, 19480-19487.	5.3	16
80	Self-Assembled "Breathing" Grana-Like Cisternae Stacks. <i>Advanced Materials</i> , 2018, 30, e1707482.	21.0	19
81	MoS ₂ @HKUST-1 Flower-Like Nanohybrids for Efficient Hydrogen Evolution Reactions. <i>Chemistry - A European Journal</i> , 2018, 24, 1080-1087.	3.3	29
82	An edible film of sodium alginate/pullulan incorporated with capsaicin. <i>New Journal of Chemistry</i> , 2018, 42, 17756-17761.	2.8	31
83	Lipid bilayer modified gold nanorod@mesoporous silica nanoparticles for controlled drug delivery triggered by near-infrared light. <i>Journal of Materials Chemistry B</i> , 2018, 6, 8078-8084.	5.8	26
84	Giant Unilamellar Vesicle Microarrays for Cell Function Study. <i>Analytical Chemistry</i> , 2018, 90, 14363-14367.	6.5	19
85	Reversible conductivity recovery of highly sensitive flexible devices by water vapor. <i>Npj Flexible Electronics</i> , 2018, 2, .	10.7	15
86	Self-Assembled Rough Endoplasmic Reticulum-Like Proto-Organelles. <i>IScience</i> , 2018, 8, 138-147.	4.1	11
87	Deformation of giant unilamellar vesicles under osmotic stress. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018, 172, 459-463.	5.0	27
88	Simultaneous determination of trace Cd ²⁺ and Pb ²⁺ using GR/cysteine/Bi modified screen-printed electrodes. <i>Analytical Methods</i> , 2018, 10, 4945-4950.	2.7	14
89	Multicompartmentalized Microreactors Containing Nuclei and Catalase-Loaded Liposomes. <i>Biomacromolecules</i> , 2018, 19, 4379-4385.	5.4	15
90	Phospholipid-Block Copolymer Hybrid Vesicles with Lysosomal Escape Ability. <i>Langmuir</i> , 2018, 34, 6874-6886.	3.5	20

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91	Magnetic field triggered drug release from lipid microcapsule containing lipid-coated magnetic nanoparticles. <i>Chemical Physics Letters</i> , 2018, 706, 455-460.	2.6	23
92	Impact of Electric Fields on the Nanoscale Behavior of Lipid Monolayers at the Surface of Graphite in Solution. <i>Langmuir</i> , 2018, 34, 9561-9571.	3.5	7
93	Lipid tubes formation induced by electroosmotic flow. <i>Chemical Physics Letters</i> , 2018, 706, 515-519.	2.6	9
94	High-concentration organic dye removal using Fe ₂ O ₃ ·3.9MoO ₃ nanowires as Fenton-like catalysts. <i>Environmental Science: Nano</i> , 2018, 5, 2069-2076.	4.3	17
95	Codelivery of doxorubicin and sodium tanshinone IIA sulfonate using multicompartimentalized vesosomes to enhance synergism and prevent doxorubicin-induced cardiomyocyte apoptosis. <i>Journal of Materials Chemistry B</i> , 2018, 6, 5243-5247.	5.8	13
96	Efficient Erbium-sensitized Core/Shell Nanocrystals for Short Wave Infrared Bioimaging. <i>Advanced Optical Materials</i> , 2018, 6, 1800690.	7.3	80
97	Molybdenum Disulfide Nanoflakes Covered Carbonized Catkin Microtube Hybrids as Superior Catalysts for Electrochemical Hydrogen Evolution. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 11255-11264.	6.7	15
98	Effects of Loading and Sliding Speed on the Dry Sliding Wear Behavior of Mg-3Al-0.4Si Magnesium Alloy. <i>Tribology Transactions</i> , 2017, 60, 238-248.	2.0	15
99	An azo-phenol derivative probe: colorimetric and turn-on fluorescent detection of copper(II) ions and pH value in aqueous solution. <i>RSC Advances</i> , 2017, 7, 20537-20541.	3.6	27
100	<i>Engineering C</i> , 2017, 77, 624-629.	7.3	2
101	A Facile Method To Prepare Novel Ag ₂ O/Ag ₂ CO ₃ Three-Dimensional Hollow Hierarchical Structures and Their Water Purification Function. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 6148-6158.	6.7	56
102	Salt-induced square prism Pd microtubes and their ethanol electrocatalysis properties. <i>Applied Surface Science</i> , 2017, 403, 677-681.	6.1	3
103	Electroformation of double vesicles using an amplitude modulated electric field. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 160, 697-703.	5.0	15
104	Necklace-like fiber composite membrane for high-efficiency particulate matter capture. <i>Applied Surface Science</i> , 2017, 425, 220-226.	6.1	12
105	A Fissionable Artificial Eukaryote-like Cell Model. <i>Journal of the American Chemical Society</i> , 2017, 139, 9955-9960.	13.7	84
106	Controllable synthesis Fe ₃ O ₄ @POHABA core-shell nanostructure as high-performance recyclable bifunctional magnetic antimicrobial agent. <i>Environmental Science and Pollution Research</i> , 2017, 24, 19011-19020.	5.3	6
107	Template-free synthesis of inorganic hollow spheres at water-water interfaces as Fenton-like reagents for water treatment. <i>Journal of Environmental Sciences</i> , 2017, 55, 331-338.	6.1	6
108	Point-Plane Nonhomogeneous Electric Field Induced Simultaneous Formation of Giant Unilamellar Vesicles (GUVs) and Lipid Tubes. <i>Chemistry - A European Journal</i> , 2016, 22, 2906-2909.	3.3	19

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109	Fabrication of Thickness-Controllable Micropatterned Polyelectrolyte-Film/Nanoparticle Surfaces by Using the Plasma Oxidation Method. <i>Chemistry - an Asian Journal</i> , 2016, 11, 1059-1064.	3.3	1
110	A Ferricyanide-Mediated Activated Sludge Bioassay for Determination of the Toxicity of Water. <i>Electroanalysis</i> , 2016, 28, 580-587.	2.9	12
111	Supported lipid bilayer membrane arrays on micro-patterned ITO electrodes. <i>RSC Advances</i> , 2016, 6, 72821-72826.	3.6	9
112	Magnetically triggered drug release from biocompatible microcapsules for potential cancer therapeutics. <i>Journal of Materials Chemistry B</i> , 2016, 4, 3269-3277.	5.8	36
113	Polydopamine-coated liposomes as pH-sensitive anticancer drug carriers. <i>Journal of Microencapsulation</i> , 2016, 33, 257-262.	2.8	57
114	A pH-responsive asymmetric lipid vesicle as drug carrier. <i>Journal of Microencapsulation</i> , 2016, 33, 663-668.	2.8	17
115	Development of 1-H-Pyrazolo[3,4-b]pyridines as Metabotropic Glutamate Receptor 5 Positive Allosteric Modulators. <i>ACS Medicinal Chemistry Letters</i> , 2016, 7, 1082-1086.	2.8	20
116	Electroformation of giant unilamellar vesicles in saline solution. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 147, 368-375.	5.0	71
117	Microbubbles for Tumor Targeting Theranostics. , 2016, , 277-297.		0
118	Progress on Electrocatalysts of Hydrogen Evolution Reaction Based on Carbon Fiber Materials. <i>Chinese Journal of Analytical Chemistry</i> , 2016, 44, 1447-1457.	1.7	33
119	Bifunctional Demulsifier of ODTs Modified Magnetite/Reduced Graphene Oxide Nanocomposites for Oil-water Separation. <i>ChemistrySelect</i> , 2016, 1, 4742-4746.	1.5	13
120	Hollow Platinum Nanospheres and Nanotubes Templated by Shear Flow-Induced Lipid Vesicles and Tubules and Their Applications on Hydrogen Evolution. <i>ACS Sustainable Chemistry and Engineering</i> , 2016, 4, 3773-3779.	6.7	22
121	Patterned Liposome-Polymer Composite Coatings. <i>ChemNanoMat</i> , 2016, 2, 822-829.	2.8	1
122	Synthesis and SAR of calcitonin gene-related peptide (CGRP) antagonists containing substituted aryl-piperazines and piperidines. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016, 26, 1229-1232.	2.2	4
123	Lipid membrane formation on chemical gradient modified surfaces. <i>RSC Advances</i> , 2016, 6, 11325-11328.	3.6	8
124	Light-triggered generation of multifunctional gas-filled capsules on-demand. <i>Journal of Materials Chemistry C</i> , 2016, 4, 652-658.	5.5	5
125	Formation of square prism-shaped poly(o-phenylenediamine) fibers triggered by high ionic strength. <i>RSC Advances</i> , 2016, 6, 21895-21899.	3.6	5
126	An Investigation on Transition Between Mild and Severe Wear in Mg-5Al-0.8Zn Magnesium Alloy Using Recrystallization Kinetics Modeling. <i>Journal of Tribology</i> , 2015, 137, .	1.9	10

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127	Frontispiece: Palladium Nanotubes Formed by Lipid Tubule Templating and Their Application in Ethanol Electro catalysis. <i>Chemistry - A European Journal</i> , 2015, 21, n/a-n/a.	3.3	0
128	CdTe paper based Visual Sensor for Detecting Methyl Viologen. <i>Chinese Journal of Chemistry</i> , 2015, 33, 446-450.	4.9	18
129	Photosynthetic Proteins in Supported Lipid Bilayers: Towards a Biokleptic Approach for Energy Capture. <i>Small</i> , 2015, 11, 3306-3318.	10.0	8
130	A Highly Efficient ZrO ₂ Nanoparticle Based Electrochemical Sensor for the Detection of Organophosphorus Pesticides. <i>Chinese Journal of Chemistry</i> , 2015, 33, 1135-1139.	4.9	35
131	Palladium Nanotubes Formed by Lipid Tubule Templating and Their Application in Ethanol Electro catalysis. <i>Chemistry - A European Journal</i> , 2015, 21, 6084-6089.	3.3	14
132	Continuous Microfluidic Self-Assembly of Hybrid Janus-Like Vesicular Motors: Autonomous Propulsion and Controlled Release. <i>Small</i> , 2015, 11, 3762-3767.	10.0	80
133	Resistance risk assessment for fludioxonil in <i>Stemphylium solani</i> . <i>Annals of Applied Biology</i> , 2015, 167, 277-284.	2.5	25
134	Fabrication of pH sensitive microcapsules using soft templates and their application to drug release. <i>RSC Advances</i> , 2015, 5, 51271-51277.	3.6	14
135	Decoratable hybrid-film-patch stabilized Pickering emulsions and their catalytic applications. <i>Nano Research</i> , 2015, 8, 2603-2610.	10.4	19
136	High Impedance Droplet-Solid Interface Lipid Bilayer Membranes. <i>Analytical Chemistry</i> , 2015, 87, 2094-2099.	6.5	14
137	Morphology-controlled synthesis of Ag nanoparticle decorated poly(o-phenylenediamine) using microfluidics and its application for hydrogen peroxide detection. <i>Chemical Engineering Journal</i> , 2015, 268, 102-108.	12.7	33
138	Micromixing enhancement in a novel passive mixer with symmetrical cylindrical grooves. <i>Asia-Pacific Journal of Chemical Engineering</i> , 2015, 10, 201-209.	1.5	8
139	A novel electrochemiluminescent immunosensor based on CdS-coated ZnO nanorod arrays for HepG2 cell detection. <i>Nanoscale</i> , 2015, 7, 3627-3633.	5.6	50
140	An Investigation on Subsurface Microstructural Evolution and Mild to Severe Wear Transition in AZ51 Magnesium Alloy. <i>Tribology Transactions</i> , 2015, 58, 549-559.	2.0	18
141	Roles of Friction-Induced Strain Hardening and Recrystallization in Dry Sliding Wear of AZ31 Magnesium Alloy. <i>Transactions of the Indian Institute of Metals</i> , 2015, 68, 89-98.	1.5	9
142	Discovery of new acylaminopyridines as GSK-3 inhibitors by a structure guided in-depth exploration of chemical space around a pyrrolopyridinone core. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015, 25, 1856-1863.	2.2	78
143	Inorganic microcapsules mineralized at the interface of water droplets in ethanol solution and their application as drug carriers. <i>RSC Advances</i> , 2015, 5, 82247-82251.	3.6	8
144	Optimization of Brownian ratchets for the manipulation of charged components within supported lipid bilayers. <i>Applied Physics Letters</i> , 2015, 106, .	3.3	22

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145	A biomimetic enzyme modified electrode for H ₂ O ₂ highly sensitive detection. <i>Analyst</i> , 2015, 140, 7792-7798.	3.5	20
146	Sliding Wear Map for AZ31 Magnesium Alloy. <i>Tribology Transactions</i> , 2014, 57, 1077-1085.	2.0	22
147	Mixing enhancement of a passive microfluidic mixer containing triangle baffles. <i>Asia-Pacific Journal of Chemical Engineering</i> , 2014, 9, 877-885.	1.5	42
148	Size controllable synthesis and antimicrobial activity of poly-N,N'-[(4,5-dihydroxy-1,2-phenylene)bis(methylene)]bisacrylamide microspheres. <i>RSC Advances</i> , 2014, 4, 57891-57898.	3.6	15
149	Interactions of the baicalin and baicalein with bilayer lipid membranes investigated by cyclic voltammetry and UV-Vis spectroscopy. <i>Bioelectrochemistry</i> , 2014, 95, 29-33.	4.6	33
150	Morphology controllable fabrication of poly-o-phenylenediamine microstructures tuned by the ionic strength and their applications in pH sensors. <i>Journal of Materials Chemistry A</i> , 2014, 2, 19208-19213.	10.3	17
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