

Huan Wang

List of Publications by Citations

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

253
papers

7,008
citations

43
h-index

75
g-index

277
ext. papers

9,146
ext. citations

8.2
avg, IF

6.62
L-index

#	Paper	IF	Citations
253	Perovskite-based photodetectors: materials and devices. <i>Chemical Society Reviews</i> , 2017 , 46, 5204-5236	58.5	498
252	Ultrafast growth of single-crystal graphene assisted by a continuous oxygen supply. <i>Nature Nanotechnology</i> , 2016 , 11, 930-935	28.7	277
251	Biomimetic enzyme cascade reaction system in microfluidic electro spray microcapsules. <i>Science Advances</i> , 2018 , 4, eaat2816	14.3	203
250	Bio-inspired self-healing structural color hydrogel. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, 5900-5905	11.5	198
249	Controlled synthesis of single-crystal SnSe nanoplates. <i>Nano Research</i> , 2015 , 8, 288-295	10	170
248	Pillared MXene with Ultralarge Interlayer Spacing as a Stable Matrix for High Performance Sodium Metal Anodes. <i>Advanced Functional Materials</i> , 2019 , 29, 1805946	15.6	160
247	Synthesis of boron-doped graphene monolayers using the sole solid feedstock by chemical vapor deposition. <i>Small</i> , 2013 , 9, 1316-20	11	157
246	Critical Role of Ultrathin Graphene Films with Tunable Thickness in Enabling Highly Stable Sodium Metal Anodes. <i>Nano Letters</i> , 2017 , 17, 6808-6815	11.5	151
245	Defect-Rich Adhesive Nanozymes as Efficient Antibiotics for Enhanced Bacterial Inhibition. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 16236-16242	16.4	129
244	Redirecting valvular myofibroblasts into dormant fibroblasts through light-mediated reduction in substrate modulus. <i>PLoS ONE</i> , 2012 , 7, e39969	3.7	126
243	Unraveling the Enzymatic Activity of Oxygenated Carbon Nanotubes and Their Application in the Treatment of Bacterial Infections. <i>Nano Letters</i> , 2018 , 18, 3344-3351	11.5	120
242	Hydrogels preserve native phenotypes of valvular fibroblasts through an elasticity-regulated PI3K/AKT pathway. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 19336-41	11.5	117
241	Surface Monocrystallization of Copper Foil for Fast Growth of Large Single-Crystal Graphene under Free Molecular Flow. <i>Advanced Materials</i> , 2016 , 28, 8968-8974	24	110
240	Construction of Nanozyme-Hydrogel for Enhanced Capture and Elimination of Bacteria. <i>Advanced Functional Materials</i> , 2019 , 29, 1900518	15.6	109
239	Photonic Crystal Microbubbles as Suspension Barcodes. <i>Journal of the American Chemical Society</i> , 2015 , 137, 15533-9	16.4	95
238	Cardiomyocytes-Actuated Morpho Butterfly Wings. <i>Advanced Materials</i> , 2019 , 31, e1805431	24	95
237	Bioinspired Heterogeneous Structural Color Stripes from Capillaries. <i>Advanced Materials</i> , 2017 , 29, 1704549	19	94

236	Multifunctional Chitosan Inverse Opal Particles for Wound Healing. <i>ACS Nano</i> , 2018 , 12, 10493-10500	16.7	89
235	Porphyrin MOF DotsBased, Function-Adaptive Nanoplatform for Enhanced Penetration and Photodynamic Eradication of Bacterial Biofilms. <i>Advanced Functional Materials</i> , 2019 , 29, 1903018	15.6	88
234	Selectively enhanced photocurrent generation in twisted bilayer graphene with van Hove singularity. <i>Nature Communications</i> , 2016 , 7, 10699	17.4	88
233	Microfluidic Lithography of Bioinspired Helical Micromotors. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 12127-12131	16.4	88
232	Cells Cultured on Core-Shell Photonic Crystal Barcodes for Drug Screening. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 13840-8	9.5	88
231	Hyaluronic Acid-Templated Ag Nanoparticles/Graphene Oxide Composites for Synergistic Therapy of Bacteria Infection. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 19717-19724	9.5	86
230	Anisotropic structural color particles from colloidal phase separation. <i>Science Advances</i> , 2020 , 6, eaay1438	14.3	75
229	Multifunctional inverse opal particles for drug delivery and monitoring. <i>Nanoscale</i> , 2015 , 7, 10590-4	7.7	73
228	Interfacial structure design of MXene-based nanomaterials for electrochemical energy storage and conversion. <i>Information Materials</i> , 2020 , 2, 1057-1076	23.1	72
227	A Chemically Engineered Porous Copper Matrix with Cylindrical CoreShell Skeleton as a Stable Host for Metallic Sodium Anodes. <i>Advanced Functional Materials</i> , 2018 , 28, 1802282	15.6	72
226	Renal-Clearable Porphyrinic Metal-Organic Framework Nanodots for Enhanced Photodynamic Therapy. <i>ACS Nano</i> , 2019 , 13, 9206-9217	16.7	68
225	Plasmonic Pt Superstructures with Boosted Near-Infrared Absorption and Photothermal Conversion Efficiency in the Second Biowindow for Cancer Therapy. <i>Advanced Materials</i> , 2019 , 31, e1904336	24.3	64
224	Cardiac valve cells and their microenvironment--insights from in vitro studies. <i>Nature Reviews Cardiology</i> , 2014 , 11, 715-27	14.8	62
223	Specific Oxygenated Groups Enriched Graphene Quantum Dots as Highly Efficient Enzyme Mimics. <i>Small</i> , 2018 , 14, e1703710	11	60
222	Aptamer-based hydrogel barcodes for the capture and detection of multiple types of pathogenic bacteria. <i>Biosensors and Bioelectronics</i> , 2018 , 100, 404-410	11.8	60
221	Combining theories and experiments to understand the sodium nucleation behavior towards safe sodium metal batteries. <i>Chemical Society Reviews</i> , 2020 , 49, 3783-3805	58.5	58
220	Photophysical and electronic properties of five PCBM-like C60 derivatives: spectral and quantum chemical view. <i>Journal of Physical Chemistry A</i> , 2012 , 116, 255-62	2.8	58
219	Recent progress in organometal halide perovskite photodetectors. <i>Organic Electronics</i> , 2018 , 52, 172-183	3.5	54

218	Plasmon-enhanced photothermoelectric conversion in chemical vapor deposited graphene p-n junctions. <i>Journal of the American Chemical Society</i> , 2013 , 135, 10926-9	16.4	52
217	Tunable MXene-Derived 1D/2D Hybrid Nanoarchitectures as a Stable Matrix for Dendrite-Free and Ultrahigh Capacity Sodium Metal Anode. <i>Nano Letters</i> , 2020 , 20, 7700-7708	11.5	51
216	Enzymatic Inverse Opal Hydrogel Particles for Biocatalyst. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 12914-12918	9.5	49
215	Polydopamine-assisted surface modification for orthopaedic implants. <i>Journal of Orthopaedic Translation</i> , 2019 , 17, 82-95	4.2	48
214	Hybrid hydrogel photonic barcodes for multiplex detection of tumor markers. <i>Biosensors and Bioelectronics</i> , 2017 , 87, 264-270	11.8	46
213	The predominant pathway of apoptosis in THP-1 macrophage-derived foam cells induced by 5-aminolevulinic acid-mediated sonodynamic therapy is the mitochondria-caspase pathway despite the participation of endoplasmic reticulum stress. <i>Cellular Physiology and Biochemistry</i> , 2014 , 33, 1789-801	3.9	46
212	Porous Hydrogel Encapsulated Photonic Barcodes for Multiplex MicroRNA Quantification. <i>Advanced Functional Materials</i> , 2018 , 28, 1704458	15.6	45
211	Graphitic Carbon Nitride-Based Photocatalytic Materials: Preparation Strategy and Application. <i>ACS Sustainable Chemistry and Engineering</i> , 2020 , 8, 16048-16085	8.3	44
210	Enabling Safe Sodium Metal Batteries by Solid Electrolyte Interphase Engineering: A Review. <i>Industrial & Engineering Chemistry Research</i> , 2019 , 58, 9758-9780	3.9	43
209	Free-Standing Photonic Crystal Films with Gradient Structural Colors. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 6796-801	9.5	43
208	Super-Elastic Magnetic Structural Color Hydrogels. <i>Small</i> , 2019 , 15, e1902198	11	43
207	Frogspawn-Coral-Like Hollow Sodium Sulfide Nanostructured Cathode for High-Rate Performance Sodium Sulfur Batteries. <i>Advanced Energy Materials</i> , 2019 , 9, 1803251	21.8	42
206	van Hove Singularity Enhanced Photochemical Reactivity of Twisted Bilayer Graphene. <i>Nano Letters</i> , 2015 , 15, 5585-9	11.5	41
205	Boronate affinity molecularly imprinted inverse opal particles for multiple label-free bioassays. <i>Chemical Communications</i> , 2016 , 52, 3296-9	5.8	41
204	Sonodynamic therapy-induced foam cells apoptosis activates the phagocytic PPAR α /XR β /ABCA1/ABCG1 pathway and promotes cholesterol efflux in advanced plaque. <i>Theranostics</i> , 2018 , 8, 4969-4984	12.1	41
203	Rapid and Scalable Synthesis of Cuprous Halide-Derived Copper Nano-Architectures for Selective Electrochemical Reduction of Carbon Dioxide. <i>Nano Letters</i> , 2019 , 19, 3925-3932	11.5	40
202	Building Large-Domain Twisted Bilayer Graphene with van Hove Singularity. <i>ACS Nano</i> , 2016 , 10, 6725-306.7	16.7	40
201	Graphene Regulated Ceramic Electrolyte for Solid-State Sodium Metal Battery with Superior Electrochemical Stability. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 5064-5072	9.5	40

200	Conductive Polymer Hydrogel Microfibers from Multiflow Microfluidics. <i>Small</i> , 2019 , 15, e1805162	11	37
199	The multifaceted role of CD146/MCAM in the promotion of melanoma progression. <i>Cancer Cell International</i> , 2015 , 15, 3	6.4	37
198	Differential long noncoding RNA expressions in peripheral blood mononuclear cells for detection of acute ischemic stroke. <i>Clinical Science</i> , 2018 , 132, 1597-1614	6.5	37
197	Nip the Sodium Dendrites in the Bud on Planar Doped Graphene in Liquid/Gel Electrolytes. <i>Advanced Functional Materials</i> , 2019 , 29, 1807974	15.6	35
196	Bioinspired Photonic Barcodes with Graphene Oxide Encapsulation for Multiplexed MicroRNA Quantification. <i>Small</i> , 2018 , 14, e1803551	11	35
195	Emerging barcode particles for multiplex bioassays. <i>Science China Materials</i> , 2019 , 62, 289-324	7.1	34
194	A photonic crystal hydrogel suspension array for the capture of blood cells from whole blood. <i>Nanoscale</i> , 2016 , 8, 3841-7	7.7	33
193	Formation mechanism of overlapping grain boundaries in graphene chemical vapor deposition growth. <i>Chemical Science</i> , 2017 , 8, 2209-2214	9.4	31
192	Adaptation of Human iPSC-Derived Cardiomyocytes to Tyrosine Kinase Inhibitors Reduces Acute Cardiotoxicity via Metabolic Reprogramming. <i>Cell Systems</i> , 2019 , 8, 412-426.e7	10.6	30
191	Multicolored photonic barcodes from dynamic micromolding. <i>Materials Horizons</i> , 2018 , 5, 979-983	14.4	30
190	Folic Acid-Functionalized Hybrid Photonic Barcodes for Capture and Release of Circulating Tumor Cells. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 21206-21212	9.5	30
189	Facile fabrication of superhydrophobic Titanium dioxide-composited cotton fabrics to realize oil-water separation with efficiently photocatalytic degradation for water-soluble pollutants. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020 , 585, 124080	5.1	30
188	Substrate Doping Effect and Unusually Large Angle van Hove Singularity Evolution in Twisted Bi- and Multilayer Graphene. <i>Advanced Materials</i> , 2017 , 29, 1606741	24	29
187	Roles of transforming growth factor- β and OB-cadherin in porcine cardiac valve myofibroblast differentiation. <i>FASEB Journal</i> , 2014 , 28, 4551-62	0.9	29
186	Boosted molecular mobility during common chemical reactions. <i>Science</i> , 2020 , 369, 537-541	33.3	29
185	Quantum-dot-tagged photonic crystal beads for multiplex detection of tumor markers. <i>Chemical Communications</i> , 2014 , 50, 14589-92	5.8	28
184	Accurate Binding Energies for Lithium Polysulfides and Assessment of Density Functionals for Lithium-Sulfur Battery Research. <i>Journal of Physical Chemistry C</i> , 2019 , 123, 20737-20747	3.8	27
183	Microfluidic Lithography of Bioinspired Helical Micromotors. <i>Angewandte Chemie</i> , 2017 , 129, 12295-12299	9.6	27

182	Photoinduced methylation of graphene. <i>Small</i> , 2013 , 9, 1348-52	11	27
181	Immunotherapeutic silk inverse opal particles for post-surgical tumor treatment. <i>Science Bulletin</i> , 2020 , 65, 380-388	10.6	27
180	Composite Multifunctional Micromotors from Droplet Microfluidics. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 34618-34624	9.5	27
179	Antibacterial Structural Color Hydrogels. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 38901-38907	9.5	26
178	Biomimetic periosteum-bone substitute composed of preosteoblast-derived matrix and hydrogel for large segmental bone defect repair. <i>Acta Biomaterialia</i> , 2020 , 113, 317-327	10.8	26
177	Tuning Chemical Potential Difference across Alternately Doped Graphene p-n Junctions for High-Efficiency Photodetection. <i>Nano Letters</i> , 2016 , 16, 4094-101	11.5	26
176	Red Blood Cell Distribution Width to Platelet Ratio is Related to Histologic Severity of Primary Biliary Cirrhosis. <i>Medicine (United States)</i> , 2016 , 95, e3114	1.8	26
175	Label-free electrochemical immunosensor based on biocompatible nanoporous FeO and biotin-streptavidin system for sensitive detection of zearalenone. <i>Analyst, The</i> , 2020 , 145, 1368-1375	5	25
174	Rapid inhibition of atherosclerotic plaque progression by sonodynamic therapy. <i>Cardiovascular Research</i> , 2019 , 115, 190-203	9.9	25
173	Enabling high-performance sodium metal anodes via A sodiophilic structure constructed by hierarchical Sb ₂ MoO ₆ microspheres. <i>Nano Energy</i> , 2020 , 69, 104446	17.1	25
172	Mesoporous Colloidal Photonic Crystal Particles for Intelligent Drug Delivery. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 33936-33944	9.5	25
171	Accuracy of M2BPGi, compared with Fibro Scan [®] , in analysis of liver fibrosis in patients with hepatitis C. <i>BMC Gastroenterology</i> , 2017 , 17, 62	3	24
170	Structure-dependent all-optical switching in graphene-nanoribbon-like molecules: fully conjugated tri(perylene bisimides). <i>Journal of Physical Chemistry A</i> , 2010 , 114, 9130-5	2.8	24
169	Stomatocyte structural color-barcode micromotors for multiplex assays. <i>National Science Review</i> , 2020 , 7, 644-651	10.8	24
168	Raman spectroscopic characterization of stacking configuration and interlayer coupling of twisted multilayer graphene grown by chemical vapor deposition. <i>Carbon</i> , 2016 , 110, 225-231	10.4	24
167	Ultrasensitive magnetic resonance imaging of systemic reactive oxygen species for early diagnosis of sepsis using activatable nanoprobe. <i>Chemical Science</i> , 2019 , 10, 3770-3778	9.4	23
166	Tubular inverse opal scaffolds for biomimetic vessels. <i>Nanoscale</i> , 2016 , 8, 13574-80	7.7	22
165	Three-Dimensional Porous Nitrogen-Doped Carbon Nanosheet with Embedded NiCoS Nanocrystals for Advanced Lithium-Sulfur Batteries. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 9181-9189	9.5	21

164	The Short-term Prognostic Value of the Triglyceride-to-high-density Lipoprotein Cholesterol Ratio in Acute Ischemic Stroke 2018 , 9, 498-506		21
163	Quantum-dot-encapsulated core-shell barcode particles from droplet microfluidics. <i>Journal of Materials Chemistry B</i> , 2018 , 6, 7257-7262	7.3	21
162	A novel label-free photoelectrochemical immunosensor based on NCQDs and BiS co-sensitized hierarchical mesoporous SnO microflowers for detection of NT-proBNP. <i>Journal of Materials Chemistry B</i> , 2018 , 6, 7634-7642	7.3	21
161	Safety and efficacy of sintilimab combined with oxaliplatin/capecitabine as first-line treatment in patients with locally advanced or metastatic gastric/gastroesophageal junction adenocarcinoma in a phase Ib clinical trial. <i>BMC Cancer</i> , 2020 , 20, 760	4.8	20
160	Reinvestigation of the Infrared Spectrum of the Gas-Phase Protonated Water Tetramer. <i>Journal of Physical Chemistry A</i> , 2017 , 121, 3056-3070	2.8	19
159	Characterization of cell subpopulations expressing progenitor cell markers in porcine cardiac valves. <i>PLoS ONE</i> , 2013 , 8, e69667	3.7	19
158	Graphene hybrid colloidal crystal arrays with photo-controllable structural colors. <i>Nanoscale</i> , 2019 , 11, 10846-10851	7.7	18
157	Egg Component-Composited Inverse Opal Particles for Synergistic Drug Delivery. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 17058-17064	9.5	18
156	Two new diterpenes from <i>Euphorbia kansuensis</i> . <i>Phytotherapy Research</i> , 2008 , 22, 262-6	3.2	18
155	WNT1-inducible signaling protein-1 mediates TGF- β -induced renal fibrosis in tubular epithelial cells and unilateral ureteral obstruction mouse models via autophagy. <i>Journal of Cellular Physiology</i> , 2020 , 235, 2009-2022	7	18
154	Oriented boronate affinity-imprinted inverse opal hydrogel for glycoprotein assay via colorimetry. <i>Mikrochimica Acta</i> , 2020 , 187, 348	5.8	17
153	Early identification of bipolar from unipolar depression before manic episode: Evidence from dynamic rfMRI. <i>Bipolar Disorders</i> , 2019 , 21, 774-784	3.8	17
152	Remote and reversible control of in vivo bacteria clustering by NIR-driven multivalent upconverting nanosystems. <i>Biomaterials</i> , 2019 , 217, 119310	15.6	17
151	Colorimetric logic response based on aptamer functionalized colloidal crystal hydrogels. <i>Nanoscale</i> , 2015 , 7, 7565-8	7.7	17
150	Adiabatic and nonadiabatic reaction pathways of the O(3P) with propyne. <i>Journal of Physical Chemistry A</i> , 2009 , 113, 23-34	2.8	17
149	Three New Diterpenoids from <i>Euphorbia wallichii</i> . <i>Chinese Journal of Chemistry</i> , 2010 , 22, 199-202	4.9	17
148	Multiple Stimuli-Responsive MXene-Based Hydrogel as Intelligent Drug Delivery Carriers for Deep Chronic Wound Healing. <i>Small</i> , 2021 , e2104368	11	17
147	Responsive photonic barcodes for sensitive multiplex bioassay. <i>Nanoscale</i> , 2017 , 9, 14111-14117	7.7	16

- 146 Complete Assignment of the Infrared Spectrum of the Gas-Phase Protonated Ammonia Dimer. *Journal of Physical Chemistry A*, **2016**, 120, 3117-35 2.8 16
- 145 Discovery of Imidazo[1,2-*f*][1,8]naphthyridine Derivatives as Potential HCV Entry Inhibitor. *ACS Medicinal Chemistry Letters*, **2015**, 6, 977-81 4.3 15
- 144 NiBe nanocubes embedded with Pt nanoparticles for hydrogen and oxygen evolution reactions. *International Journal of Hydrogen Energy*, **2020**, 45, 20832-20842 6.7 15
- 143 Bisynshanic Acids A and B, Two Novel Diterpene Dimers from the Roots of *Euphorbia yinshanica*. *Helvetica Chimica Acta*, **2012**, 95, 1672-1679 2 15
- 142 Reaction mechanisms of a photo-induced [1,3] sigmatropic rearrangement via a nonadiabatic pathway. *Journal of Physical Chemistry A*, **2009**, 113, 13892-900 2.8 15
- 141 Bio-inspired intestinal scavenger from microfluidic electrospray for detoxifying lipopolysaccharide. *Bioactive Materials*, **2021**, 6, 1653-1662 16.7 15
- 140 Charge transport properties in organic D-A mixed-stack complexes based on corannulene and sumanene derivatives—a theoretical study. *Organic Electronics*, **2019**, 68, 35-44 3.5 14
- 139 β -Arrestin2 functions as a key regulator in the sympathetic-triggered immunodepression after stroke. *Journal of Neuroinflammation*, **2018**, 15, 102 10.1 14
- 138 Ring fusion attenuates the device performance: star-shaped long helical perylene diimide based non-fullerene acceptors. *Journal of Materials Chemistry C*, **2019**, 7, 9564-9572 7.1 14
- 137 Protonated water dimer on benzene: standing Eigen or crouching Zundel?. *Journal of Physical Chemistry B*, **2015**, 119, 2658-67 3.4 14
- 136 Phenol-like group functionalized graphene quantum dots structurally mimicking natural antioxidants for highly efficient acute kidney injury treatment. *Chemical Science*, **2020**, 11, 12721-12730 9.4 14
- 135 Novel potential and current type chiral amino acids biosensor based on L/D-handed double helix carbon nanotubes@polypyrrole@Au nanoparticles@L/D-cysteine. *Sensors and Actuators B: Chemical*, **2019**, 296, 126667 8.5 13
- 134 P-Glycoprotein Antibody Decorated Porous Hydrogel Particles for Capture and Release of Drug-Resistant Tumor Cells. *Advanced Healthcare Materials*, **2019**, 8, e1900136 10.1 13
- 133 Delta-Aminolevulinic Acid-Mediated Photodiagnoses in Surgical Oncology: A Historical Review of Clinical Trials. *Frontiers in Surgery*, **2019**, 6, 45 2.3 13
- 132 Highly sensitive and selective electrochemical sensor based on porous graphitic carbon nitride/CoMn₂O₄ nanocomposite toward heavy metal ions. *Sensors and Actuators B: Chemical*, **2021**, 346, 130539 8.5 13
- 131 Condensing-enriched magnetic photonic barcodes on superhydrophobic surface for ultrasensitive multiple detection. *Lab on A Chip*, **2019**, 19, 1783-1789 7.2 12
- 130 Antigen down format photoelectrochemical analysis supported by fullerene functionalized SnO. *Chemical Communications*, **2020**, 56, 7455-7458 5.8 12
- 129 Facile-Processed Nanocarbon-Promoted Sulfur Cathode for Highly Stable Sodium-Sulfur Batteries. *Cell Reports Physical Science*, **2020**, 1, 100015 6.1 12

128	Comparison of intestinal microbes in female and male Chinese concave-eared frogs (<i>Odorrana tormota</i>) and effect of nematode infection on gut bacterial communities. <i>MicrobiologyOpen</i> , 2019 , 8, e00749	3.4	12
127	Blocking Sympathetic Nervous System Reverses Partially Stroke-Induced Immunosuppression but does not Aggravate Functional Outcome After Experimental Stroke in Rats. <i>Neurochemical Research</i> , 2016 , 41, 1877-86	4.6	11
126	Carbon quantum dots encapsulated in super small platinum nanocrystals core-shell architecture/nitrogen doped graphene hybrid nanocomposite for electrochemical biosensing of DNA damage biomarker-8-hydroxy-2'-deoxyguanosine. <i>Analytica Chimica Acta</i> , 2019 , 1047, 9-20	6.6	11
125	Efficacy and safety of sintilimab in combination with chemotherapy in previously untreated advanced or metastatic nonsquamous or squamous NSCLC: two cohorts of an open-label, phase 1b study. <i>Cancer Immunology, Immunotherapy</i> , 2021 , 70, 857-868	7.4	11
124	Response to Comment on "Boosted molecular mobility during common chemical reactions". <i>Science</i> , 2021 , 371,	33.3	11
123	Enzyme-functionalized structural color hydrogel particles for urea detection and elimination. <i>Journal of Cleaner Production</i> , 2021 , 315, 128149	10.3	11
122	Integrated Effects of Near-Field Enhancement-Induced Excitation and Surface Plasmon-Coupled Emission of Elongated Gold Nanocrystals on Fluorescence Enhancement and the Applications in PLEDs. <i>ACS Applied Electronic Materials</i> , 2019 , 1, 2116-2123	4	10
121	Fluorescence energy transfer-based multiplexed hybridization assay using gold nanoparticles and quantum dot conjugates on photonic crystal beads. <i>Mikrochimica Acta</i> , 2014 , 181, 1109-1115	5.8	10
120	Association of serum lipids with clinical outcome in acute ischaemic stroke: A systematic review and meta-analysis. <i>Journal of Clinical Neuroscience</i> , 2019 , 59, 236-244	2.2	10
119	Template-Free Controllable Electrochemical Synthesis of Hierarchical Flower-Like Platinum Nanoparticles/Nitrogen Doped Helical Carbon Nanotubes for Label-Free Biosensing of Bovine Serum Albumin. <i>Journal of the Electrochemical Society</i> , 2019 , 166, B117-B124	3.9	9
118	Shape memory graphene and cutting-edge achievements. <i>APL Materials</i> , 2020 , 8, 050903	5.7	9
117	Integrated analysis of mRNA and miRNA expression profiles reveals muscle growth differences between adult female and male Chinese concave-eared frogs (<i>Odorrana tormota</i>). <i>Gene</i> , 2018 , 678, 241-251	3.8	9
116	An ultrasensitive label-free photoelectrochemical sensor based on Ag ₂ O-sensitized WO ₃ /TiO ₂ acicular composite for AFB ₁ detection. <i>Analytical Methods</i> , 2019 , 11, 3890-3897	3.2	9
115	Structural-functional decoupling predicts suicide attempts in bipolar disorder patients with a current major depressive episode. <i>Neuropsychopharmacology</i> , 2020 , 45, 1735-1742	8.7	8
114	Chiral Ramachandran Plots I: Glycine. <i>Biochemistry</i> , 2017 , 56, 5635-5643	3.2	8
113	Myeloid FBW7 deficiency disrupts redox homeostasis and aggravates dietary-induced insulin resistance. <i>Redox Biology</i> , 2020 , 37, 101688	11.3	8
112	A high-mobility, high-luminescence and low-threshold pentacene-doped cyano-substituted distyrylbenzene crystal. <i>Journal of Materials Chemistry C</i> , 2019 , 7, 13447-13453	7.1	8
111	Targeting Endogenous Hydrogen Peroxide at Bone Defects Promotes Bone Repair. <i>Advanced Functional Materials</i> , 2022 , 32, 2111208	15.6	8

110	Rapid growth of angle-confined large-domain graphene bicrystals. <i>Nano Research</i> , 2017 , 10, 1189-1199	10	7
109	Computational study of the reaction of chlorinated vinyl radical with molecular oxygen (C ₂ Cl ₃ + O ₂). <i>Journal of Physical Chemistry A</i> , 2006 , 110, 10336-44	2.8	7
108	A photoelectrochemical immunosensor based on CdS/CdTe-cosensitized SnO as a platform for the ultrasensitive detection of amyloid β protein. <i>Analyst, The</i> , 2020 , 145, 619-625	5	7
107	Signal-off electrochemiluminescence immunosensor based on Mn-Eumelanin coordination nanoparticles quenching PtCo-CuFe ₂ O ₄ -reduced graphene oxide enhanced luminol. <i>Sensors and Actuators B: Chemical</i> , 2020 , 323, 128702	8.5	7
106	Distance-based quantification of miRNA-21 by the coffee-ring effect using paper devices. <i>Mikrochimica Acta</i> , 2020 , 187, 513	5.8	7
105	Using NMR to Test Molecular Mobility during a Chemical Reaction. <i>Journal of Physical Chemistry Letters</i> , 2021 , 12, 2370-2375	6.4	7
104	Mechanisms of Intracellular Calcium Homeostasis in MC3T3-E1 Cells and Bone Tissues of Sprague-Dawley Rats Exposed to Fluoride. <i>Biological Trace Element Research</i> , 2016 , 170, 331-9	4.5	6
103	Multiple paternity: A compensation mechanism of the Chinese alligator for inbreeding. <i>Animal Reproduction Science</i> , 2017 , 187, 124-132	2.1	6
102	Defect-Rich Adhesive Nanozymes as Efficient Antibiotics for Enhanced Bacterial Inhibition. <i>Angewandte Chemie</i> , 2019 , 131, 16382-16388	3.6	6
101	Signal-off electrochemiluminescence immunosensors based on the quenching effect between curcumin-conjugated Au nanoparticles encapsulated in ZIF-8 and CdS-decorated TiO nanobelts for insulin detection. <i>Analyst, The</i> , 2020 , 145, 1858-1864	5	6
100	Design synthesis of a controllable flower-like Pt-graphene oxide architecture through electrostatic self-assembly for DNA damage biomarker 8-hydroxy-2'-deoxyguanosine biosensing research. <i>Analyst, The</i> , 2018 , 143, 3619-3627	5	6
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