Huan Wang

List of Publications by Year
in descending order

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269 papers	11,280 citations	31976 53 h-index	40979 93 g-index
277 all docs	277 docs citations	277 times ranked	14400 citing authors

#	Article	IF	Citations
1	Perovskite-based photodetectors: materials and devices. Chemical Society Reviews, 2017, 46, 5204-5236.	38.1	709
2	Ultrafast growth of single-crystal graphene assisted by a continuous oxygen supply. Nature Nanotechnology, 2016, 11, 930-935.	31.5	330
3	Biomimetic enzyme cascade reaction system in microfluidic electrospray microcapsules. Science Advances, 2018, 4, eaat2816.	10.3	277
4	Bio-inspired self-healing structural color hydrogel. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 5900-5905.	7.1	248
5	Defectâ€Rich Adhesive Nanozymes as Efficient Antibiotics for Enhanced Bacterial Inhibition. Angewandte Chemie - International Edition, 2019, 58, 16236-16242.	13.8	246
6	Pillared MXene with Ultralarge Interlayer Spacing as a Stable Matrix for High Performance Sodium Metal Anodes. Advanced Functional Materials, 2019, 29, 1805946.	14.9	242
7	Construction of Nanozymeâ€Hydrogel for Enhanced Capture and Elimination of Bacteria. Advanced Functional Materials, 2019, 29, 1900518.	14.9	213
8	Controlled synthesis of single-crystal SnSe nanoplates. Nano Research, 2015, 8, 288-295.	10.4	207
9	Critical Role of Ultrathin Graphene Films with Tunable Thickness in Enabling Highly Stable Sodium Metal Anodes. Nano Letters, 2017, 17, 6808-6815.	9.1	204
10	Unraveling the Enzymatic Activity of Oxygenated Carbon Nanotubes and Their Application in the Treatment of Bacterial Infections. Nano Letters, 2018, 18, 3344-3351.	9.1	199
11	Synthesis of Boronâ€Doped Graphene Monolayers Using the Sole Solid Feedstock by Chemical Vapor Deposition. Small, 2013, 9, 1316-1320.	10.0	181
12	Porphyrin MOF Dotsâ€“Based, Functionâ€Adaptive Nanoplatform for Enhanced Penetration and Photodynamic Eradication of Bacterial Biofilms. Advanced Functional Materials, 2019, 29, 1903018.	14.9	175
13	Combining theories and experiments to understand the sodium nucleation behavior towards safe sodium metal batteries. Chemical Society Reviews, 2020, 49, 3783-3805.	38.1	161
14	Redirecting Valvular Myofibroblasts into Dormant Fibroblasts through Light-mediated Reduction in Substrate Modulus. PLoS ONE, 2012, 7, e39969.	2.5	146
15	Interfacial structure design of <scp>MXeneâ€based</scp> nanomaterials for electrochemical energy storage and conversion. InformaÄnÃ-MateriÃ¡ly, 2020, 2, 1057-1076.	17.3	143
16	Multifunctional Chitosan Inverse Opal Particles for Wound Healing. ACS Nano, 2018, 12, 10493-10500.	14.6	141
17	Hydrogels preserve native phenotypes of valvular fibroblasts through an elasticity-regulated PI3K/AKT pathway. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 19336-19341.	7.1	140
18	Selectively enhanced photocurrent generation in twisted bilayer graphene with van Hove singularity. Nature Communications, 2016, 7, 10699.	12.8	136

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19	Anisotropic structural color particles from colloidal phase separation. Science Advances, 2020, 6, eaay1438.	10.3	133
20	Cardiomyocytesâ€Actuated Morpho Butterfly Wings. Advanced Materials, 2019, 31, e1805431.	21.0	129
21	Surface Monocrystallization of Copper Foil for Fast Growth of Large Singleâ€Crystal Graphene under Free Molecular Flow. Advanced Materials, 2016, 28, 8968-8974.	21.0	128
22	Microfluidic Lithography of Bioinspired Helical Micromotors. Angewandte Chemie - International Edition, 2017, 56, 12127-12131.	13.8	126
23	Bioinspired Heterogeneous Structural Color Stripes from Capillaries. Advanced Materials, 2017, 29, 1704569.	21.0	123
24	Photonic Crystal Microbubbles as Suspension Barcodes. Journal of the American Chemical Society, 2015, 137, 15533-15539.	13.7	117
25	Hyaluronic Acid-Templated Ag Nanoparticles/Graphene Oxide Composites for Synergistic Therapy of Bacteria Infection. ACS Applied Materials & Interfaces, 2017, 9, 19717-19724.	8.0	110
26	Renal-Clearable Porphyrinic Metalâ€“Organic Framework Nanodots for Enhanced Photodynamic Therapy. ACS Nano, 2019, 13, 9206-9217.	14.6	110
27	Tunable MXene-Derived 1D/2D Hybrid Nanoarchitectures as a Stable Matrix for Dendrite-Free and Ultrahigh Capacity Sodium Metal Anode. Nano Letters, 2020, 20, 7700-7708.	9.1	110
28	Plasmonic Pt Superstructures with Boosted Nearâ€Infrared Absorption and Photothermal Conversion Efficiency in the Second Biowindow for Cancer Therapy. Advanced Materials, 2019, 31, e1904836.	21.0	105
29	A Chemically Engineered Porous Copper Matrix with Cylindrical Coreâ€“Shell Skeleton as a Stable Host for Metallic Sodium Anodes. Advanced Functional Materials, 2018, 28, 1802282.	14.9	104
30	Multiple Stimuliâ€Responsive MXeneâ€Based Hydrogel as Intelligent Drug Delivery Carriers for Deep Chronic Wound Healing. Small, 2022, 18, e2104368.	10.0	104
31	Cells Cultured on Coreâ€“Shell Photonic Crystal Barcodes for Drug Screening. ACS Applied Materials & Interfaces, 2016, 8, 13840-13848.	8.0	102
32	Graphitic Carbon Nitride-Based Photocatalytic Materials: Preparation Strategy and Application. ACS Sustainable Chemistry and Engineering, 2020, 8, 16048-16085.	6.7	96
33	Multifunctional inverse opal particles for drug delivery and monitoring. Nanoscale, 2015, 7, 10590-10594.	5.6	93
34	Specific Oxygenated Groups Enriched Graphene Quantum Dots as Highly Efficient Enzyme Mimics. Small, 2018, 14, e1703710.	10.0	92
35	Polydopamine-assisted surface modification for orthopaedic implants. Journal of Orthopaedic Translation, 2019, 17, 82-95.	3.9	91
36	Superâ€Elastic Magnetic Structural Color Hydrogels. Small, 2019, 15, e1902198.	10.0	89

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37	Enabling Safe Sodium Metal Batteries by Solid Electrolyte Interphase Engineering: A Review. Industrial & Engineering Chemistry Research, 2019, 58, 9758-9780.	3.7	88
38	Aptamer-based hydrogel barcodes for the capture and detection of multiple types of pathogenic bacteria. Biosensors and Bioelectronics, 2018, 100, 404-410.	10.1	86
39	Recent progress in organometal halide perovskite photodetectors. Organic Electronics, 2018, 52, 172-183.	2.6	83
40	Cardiac valve cells and their microenvironmentâ€"insights from in vitro studies. Nature Reviews Cardiology, 2014, 11, 715-727.	13.7	80
41	Rapid and Scalable Synthesis of Cuprous Halide-Derived Copper Nano-Architectures for Selective Electrochemical Reduction of Carbon Dioxide. Nano Letters, 2019, 19, 3925-3932.	9.1	78
42	Graphene Regulated Ceramic Electrolyte for Solid-State Sodium Metal Battery with Superior Electrochemical Stability. ACS Applied Materials & Interfaces, 2019, 11, 5064-5072.	8.0	77
43	Photophysical and Electronic Properties of Five PCBM-like C₆₀ Derivatives: Spectral and Quantum Chemical View. Journal of Physical Chemistry A, 2012, 116, 255-262.	2.5	73
44	Immunotherapeutic silk inverse opal particles for post-surgical tumor treatment. Science Bulletin, 2020, 65, 380-388.	9.0	73
45	Sonodynamic therapy-induced foam cells apoptosis activates the phagocytic PPARÎ³-LXRÎ±-ABCA1/ABCG1 pathway and promotes cholesterol efflux in advanced plaque. Theranostics, 2018, 8, 4969-4984.	10.0	66
46	Enzymatic Inverse Opal Hydrogel Particles for Biocatalyst. ACS Applied Materials & Interfaces, 2017, 9, 12914-12918.	8.0	65
47	Free-Standing Photonic Crystal Films with Gradient Structural Colors. ACS Applied Materials & Interfaces, 2016, 8, 6796-6801.	8.0	62
48	Boosted molecular mobility during common chemical reactions. Science, 2020, 369, 537-541.	12.6	62
49	Plasmon-Enhanced Photothermoelectric Conversion in Chemical Vapor Deposited Graphene pâ€"n Junctions. Journal of the American Chemical Society, 2013, 135, 10926-10929.	13.7	61
50	Hybrid hydrogel photonic barcodes for multiplex detection of tumor markers. Biosensors and Bioelectronics, 2017, 87, 264-270.	10.1	60
51	van Hove Singularity Enhanced Photochemical Reactivity of Twisted Bilayer Graphene. Nano Letters, 2015, 15, 5585-5589.	9.1	59
52	Conductive Polymer Hydrogel Microfibers from Multiflow Microfluidics. Small, 2019, 15, e1805162.	10.0	59
53	Frogspawnâ€Coralâ€Like Hollow Sodium Sulfide Nanostructured Cathode for Highâ€Rate Performance Sodiumâ€"Sulfur Batteries. Advanced Energy Materials, 2019, 9, 1803251.	19.5	59
54	Porous Hydrogel Encapsulated Photonic Barcodes for Multiplex MicroRNA Quantification. Advanced Functional Materials, 2018, 28, 1704458.	14.9	56

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55	Stomatocyte structural color-barcode micromotors for multiplex assays. National Science Review, 2020, 7, 644-651.	9.5	56
56	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. Cellular Physiology and Biochemistry, 2014, 33, 1789-1801.	1.6	55
57	Biomimetic periosteum-bone substitute composed of preosteoblast-derived matrix and hydrogel for large segmental bone defect repair. Acta Biomaterialia, 2020, 113, 317-327.	8.3	55
58	Phenol-like group functionalized graphene quantum dots structurally mimicking natural antioxidants for highly efficient acute kidney injury treatment. Chemical Science, 2020, 11, 12721-12730.	7.4	54
59	Building Large-Domain Twisted Bilayer Graphene with van Hove Singularity. ACS Nano, 2016, 10, 6725-6730.	14.6	53
60	Boronate affinity molecularly imprinted inverse opal particles for multiple label-free bioassays. Chemical Communications, 2016, 52, 3296-3299.	4.1	53
61	Label-free electrochemical immunosensor based on biocompatible nanoporous Fe₃O₄and biotinâ€“streptavidin system for sensitive detection of zearalenone. Analyst, The, 2020, 145, 1368-1375.	3.5	50
62	The multifaceted role of CD146/MCAM in the promotion of melanoma progression. Cancer Cell International, 2015, 15, 3.	4.1	49
63	Rapid inhibition of atherosclerotic plaque progression by sonodynamic therapy. Cardiovascular Research, 2019, 115, 190-203.	3.8	49
64	Adaptation of Human iPSC-Derived Cardiomyocytes to Tyrosine Kinase Inhibitors Reduces Acute Cardiotoxicity via Metabolic Reprogramming. Cell Systems, 2019, 8, 412-426.e7.	6.2	49
65	Microfluidic electrospray photo-crosslinkable Îº-Carrageenan microparticles for wound healing. Engineered Regeneration, 2021, 2, 257-262.	6.0	48
66	Stabilizing Sodium Metal Anodes with Surfactant-Based Electrolytes and Unraveling the Atomic Structure of Interfaces by Cryo-TEM. Nano Letters, 2022, 22, 1382-1390.	9.1	48
67	Bioinspired Photonic Barcodes with Graphene Oxide Encapsulation for Multiplexed MicroRNA Quantification. Small, 2018, 14, e1803551.	10.0	46
68	Differential long noncoding RNA expressions in peripheral blood mononuclear cells for detection of acute ischemic stroke. Clinical Science, 2018, 132, 1597-1614.	4.3	46
69	Folic Acid-Functionalized Hybrid Photonic Barcodes for Capture and Release of Circulating Tumor Cells. ACS Applied Materials & Interfaces, 2018, 10, 21206-21212.	8.0	46
70	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.	7.8	46
71	Nip the Sodium Dendrites in the Bud on Planar Doped Graphene in Liquid/Gel Electrolytes. Advanced Functional Materials, 2019, 29, 1807974.	14.9	45
72	A photonic crystal hydrogel suspension array for the capture of blood cells from whole blood. Nanoscale, 2016, 8, 3841-3847.	5.6	44

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73	Facile fabrication of superhydrophobic Titanium dioxide-composited cotton fabrics to realize oil-water separation with efficiently photocatalytic degradation for water-soluble pollutants. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2020, 585, 124080.	4.7	44
74	Substrate Doping Effect and Unusually Large Angle van Hove Singularity Evolution in Twisted Biâ€•and Multilayer Graphene. Advanced Materials, 2017, 29, 1606741.	21.0	43
75	Emerging barcode particles for multiplex bioassays. Science China Materials, 2019, 62, 289-324.	6.3	43
76	Enabling high-performance sodium metal anodes via A sodiophilic structure constructed by hierarchical Sb2MoO6 microspheres. Nano Energy, 2020, 69, 104446.	16.0	43
77	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. BMC Cancer, 2020, 20, 760.	2.6	43
78	Composite Multifunctional Micromotors from Droplet Microfluidics. ACS Applied Materials & Interfaces, 2018, 10, 34618-34624.	8.0	42
79	A Multifunctional Composite Hydrogel That Rescues the ROS Microenvironment and Guides the Immune Response for Repair of Osteoporotic Bone Defects. Advanced Functional Materials, 2022, 32, .	14.9	41
80	Targeting Endogenous Hydrogen Peroxide at Bone Defects Promotes Bone Repair. Advanced Functional Materials, 2022, 32, .	14.9	41
81	Multicolored photonic barcodes from dynamic micromolding. Materials Horizons, 2018, 5, 979-983.	12.2	40
82	Niâ€“Fe nanocubes embedded with Pt nanoparticles for hydrogen and oxygen evolution reactions. International Journal of Hydrogen Energy, 2020, 45, 20832-20842.	7.1	40
83	Red Blood Cell Distribution Width to Platelet Ratio is Related to Histologic Severity of Primary Biliary Cirrhosis. Medicine (United States), 2016, 95, e3114.	1.0	38
84	Mesoporous Colloidal Photonic Crystal Particles for Intelligent Drug Delivery. ACS Applied Materials & Interfaces, 2018, 10, 33936-33944.	8.0	38
85	Microfluidic Lithography of Bioinspired Helical Micromotors. Angewandte Chemie, 2017, 129, 12295-12299.	2.0	37
86	Accuracy of M2BPGi, compared with Fibro ScanÂ®, in analysis of liver fibrosis in patients with hepatitis C. BMC Gastroenterology, 2017, 17, 62.	2.0	37
87	Ultrasensitive magnetic resonance imaging of systemic reactive oxygen species in vivo for early diagnosis of sepsis using activatable nanoprobes. Chemical Science, 2019, 10, 3770-3778.	7.4	37
88	Oriented boronate affinityâ€“imprinted inverse opal hydrogel for glycoprotein assay via colorimetry. Mikrochimica Acta, 2020, 187, 348.	5.0	36
89	Three-Dimensional Porous Nitrogen-Doped Carbon Nanosheet with Embedded Ni_xCo_{3â€“x}S₄ Nanocrystals for Advanced Lithiumâ€“Sulfur Batteries. ACS Applied Materials & Interfaces, 2020, 12, 9181-9189.	8.0	36
90	Formation mechanism of overlapping grain boundaries in graphene chemical vapor deposition growth. Chemical Science, 2017, 8, 2209-2214.	7.4	35

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91	Graphene hybrid colloidal crystal arrays with photo-controllable structural colors. Nanoscale, 2019, 11, 10846-10851.	5.6	35
92	Bio-inspired intestinal scavenger from microfluidic electrospray for detoxifying lipopolysaccharide. Bioactive Materials, 2021, 6, 1653-1662.	15.6	35
93	Tuning Chemical Potential Difference across Alternately Doped Graphene pâ€“n Junctions for High-Efficiency Photodetection. Nano Letters, 2016, 16, 4094-4101.	9.1	34
94	Antibacterial Structural Color Hydrogels. ACS Applied Materials & Interfaces, 2017, 9, 38901-38907.	8.0	34
95	Accurate Binding Energies for Lithium Polysulfides and Assessment of Density Functionals for Lithiumâ€“Sulfur Battery Research. Journal of Physical Chemistry C, 2019, 123, 20737-20747.	3.1	34
96	WNT1â€inducible signaling proteinâ€1 mediates TGFâ€Î²1â€induced renal fibrosis in tubular epithelial cells and unilateral ureteral obstruction mouse models via autophagy. Journal of Cellular Physiology, 2020, 235, 2009-2022.	4.1	34
97	Quantum-dot-tagged photonic crystal beads for multiplex detection of tumor markers. Chemical Communications, 2014, 50, 14589-14592.	4.1	33
98	Roles of transforming growth factorâ€Î²1 and OBâ€cadherin in porcine cardiac valve myofibroblast differentiation. FASEB Journal, 2014, 28, 4551-4562.	0.5	32
99	Early identification of bipolar from unipolar depression before manic episode: Evidence from dynamic rfMRI. Bipolar Disorders, 2019, 21, 774-784.	1.9	32
100	Metformin Carbon Dots for Promoting Periodontal Bone Regeneration via Activation of ERK/AMPK Pathway. Advanced Healthcare Materials, 2021, 10, e2100196.	7.6	32
101	The Short-term Prognostic Value of the Triglyceride-to-high-density Lipoprotein Cholesterol Ratio in Acute Ischemic Stroke. , 2018, 9, 498.		31
102	Nanomotorâ€Derived Porous Biomedical Particles from Droplet Microfluidics. Advanced Science, 2022, 9, e2104272.	11.2	31
103	N-doped hollow porous carbon spheres@Co Cu Fe alloy nanospheres as novel non-precious metal electrocatalysts for HER and OER. International Journal of Hydrogen Energy, 2022, 47, 5947-5960.	7.1	30
104	A MXene-derived redox homeostasis regulator perturbs the Nrf2 antioxidant program for reinforced sonodynamic therapy. Chemical Science, 2022, 13, 6704-6714.	7.4	30
105	Photoinduced Methylation of Graphene. Small, 2013, 9, 1348-1352.	10.0	29
106	Raman spectroscopic characterization of stacking configuration and interlayer coupling of twisted multilayer graphene grown by chemical vapor deposition. Carbon, 2016, 110, 225-231.	10.3	28
107	Tubular inverse opal scaffolds for biomimetic vessels. Nanoscale, 2016, 8, 13574-13580.	5.6	28
108	Quantum-dot-encapsulated coreâ€“shell barcode particles from droplet microfluidics. Journal of Materials Chemistry B, 2018, 6, 7257-7262.	5.8	28

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109	Enzyme-functionalized structural color hydrogel particles for urea detection and elimination. Journal of Cleaner Production, 2021, 315, 128149.	9.3	28
110	Structure-Dependent All-Optical Switching in Graphene-Nanoribbon-Like Molecules: Fully Conjugated Tri(perylene bisimides). Journal of Physical Chemistry A, 2010, 114, 9130-9135.	2.5	27
111	Comparison of intestinal microbes in female and male Chinese concaveâ€eared frogs (Odorrana) Tj ETQq1 1 0.784314 rgBT /Overlo 8, e00749.	3.0	27
112	A novel label-free photoelectrochemical immunosensor based on NCQDs and Bi₂S₃ co-sensitized hierarchical mesoporous SnO₂ microflowers for detection of NT-proBNP. Journal of Materials Chemistry B, 2018, 6, 7634-7642.	5.8	26
113	Colorimetric logic response based on aptamer functionalized colloidal crystal hydrogels. Nanoscale, 2015, 7, 7565-7568.	5.6	25
114	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.	5.5	25
115	Structuralâ€“functional decoupling predicts suicide attempts in bipolar disorder patients with a current major depressive episode. Neuropsychopharmacology, 2020, 45, 1735-1742.	5.4	25
116	Bisyinshanic Acids A and B, Two Novel Diterpene Dimers from the Roots of Euphorbia yinshanica. Helvetica Chimica Acta, 2012, 95, 1672-1679.	1.6	24
117	Reinvestigation of the Infrared Spectrum of the Gas-Phase Protonated Water Tetramer. Journal of Physical Chemistry A, 2017, 121, 3056-3070.	2.5	24
118	Characterization of Cell Subpopulations Expressing Progenitor Cell Markers in Porcine Cardiac Valves. PLoS ONE, 2013, 8, e69667.	2.5	24
119	Responsive Janus Structural Color Hydrogel Micromotors for Label-Free Multiplex Assays. Research, 2021, 2021, 9829068.	5.7	24
120	Three New Diterpenoids from Euphorbia wallichii. Chinese Journal of Chemistry, 2004, 22, 199-202.	4.9	23
121	Biomimetic bone regeneration using angle-ply collagen membrane-supported cell sheets subjected to mechanical conditioning. Acta Biomaterialia, 2020, 112, 75-86.	8.3	23
122	Egg Component-Composited Inverse Opal Particles for Synergistic Drug Delivery. ACS Applied Materials & Interfaces, 2018, 10, 17058-17064.	8.0	22
123	An ultrasensitive label-free photoelectrochemical sensor based on Ag₂O-sensitized WO₃/TiO₂ acicular composite for AFB1 detection. Analytical Methods, 2019, 11, 3890-3897.	2.7	22
124	Pâ€Glycoprotein Antibody Decorated Porous Hydrogel Particles for Capture and Release of Drugâ€Resistant Tumor Cells. Advanced Healthcare Materials, 2019, 8, e1900136.	7.6	22
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. Cancer Immunology, Immunotherapy, 2021, 70, 857-868.	4.2	22
126	MiR-34a suppression targets Nampt to ameliorate bone marrow mesenchymal stem cell senescence by regulating NAD+-Sirt1 pathway. Stem Cell Research and Therapy, 2021, 12, 271.	5.5	22

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127	Multiplex assays of bladder cancer protein markers with magnetic structural color hydrogel microcarriers based on microfluidics. Sensors and Actuators B: Chemical, 2021, 346, 130464.	7.8	22
128	Responsive photonic barcodes for sensitive multiplex bioassay. Nanoscale, 2017, 9, 14111-14117.	5.6	21
129	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. ACS Applied Electronic Materials, 2019, 1, 2116-2123.	4.3	21
130	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.	7.8	21
131	Novel graphitic carbon nitride g-C₉N₁₀ as a promising platform to design efficient photocatalysts for dinitrogen reduction to ammonia: the first-principles investigation. Journal of Materials Chemistry A, 2021, 9, 20615-20625.	10.3	21
132	Remote and reversible control of in vivo bacteria clustering by NIR-driven multivalent upconverting nanosystems. Biomaterials, 2019, 217, 119310.	11.4	20
133	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-2â€²-deoxyguanosine. Analytica Chimica Acta, 2019, 1047, 9-20.	5.4	20
134	Transition Metalâ€Free Aroylation of Diarylmethanes with Nâ€Bnâ€Nâ€Boc Arylamides and Nâ€Acylpyrroles. Advanced Synthesis and Catalysis, 2020, 362, 3423-3430.	4.3	20
135	Regulation of differentiation of annulus fibrosus-derived stem cells using heterogeneous electrospun fibrous scaffolds. Journal of Orthopaedic Translation, 2021, 26, 171-180.	3.9	20
136	Response to Comment on â€œBoosted molecular mobility during common chemical reactionsâ€. Science, 2021, 371, .	12.6	20
137	Two new diterpenes from Euphorbia kansuensis. FÃ¬toterapÃ¬Ã¢, 2008, 79, 262-266.	2.2	19
138	Adiabatic and Nonadiabatic Reaction Pathways of the O(³P) with Propyne. Journal of Physical Chemistry A, 2009, 113, 23-34.	2.5	19
139	Discovery of Imidazo[1,2-Î±][1,8]naphthyridine Derivatives as Potential HCV Entry Inhibitor. ACS Medicinal Chemistry Letters, 2015, 6, 977-981.	2.8	19
140	Complete Assignment of the Infrared Spectrum of the Gas-Phase Protonated Ammonia Dimer. Journal of Physical Chemistry A, 2016, 120, 3117-3135.	2.5	19
141	Î²-arrestin2 functions as a key regulator in the sympathetic-triggered immunodepression after stroke. Journal of Neuroinflammation, 2018, 15, 102.	7.2	19
142	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.	2.6	19
143	Exercise Attenuates Acute Î²-Adrenergic Overactivationâ€“Induced Cardiac Fibrosis by Modulating Cytokines. Journal of Cardiovascular Translational Research, 2019, 12, 528-538.	2.4	19
144	A photoelectrochemical immunosensor based on CdS/CdTe-cosensitized SnO₂ as a platform for the ultrasensitive detection of amyloid Î²-protein. Analyst, The, 2020, 145, 619-625.	3.5	19

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145	Antigen down format photoelectrochemical analysis supported by fullerene functionalized Sn₃O₄. Chemical Communications, 2020, 56, 7455-7458.	4.1	19
146	Blocking Sympathetic Nervous System Reverses Partially Stroke-Induced Immunosuppression but does not Aggravate Functional Outcome After Experimental Stroke in Rats. Neurochemical Research, 2016, 41, 1877-1886.	3.3	18
147	Myeloid FBW7 deficiency disrupts redox homeostasis and aggravates dietary-induced insulin resistance. Redox Biology, 2020, 37, 101688.	9.0	18
148	Distance-based quantification of miRNA-21 by the coffee-ring effect using paper devices. Mikrochimica Acta, 2020, 187, 513.	5.0	18
149	Facile-Processed Nanocarbon-Promoted Sulfur Cathode for Highly Stable Sodium-Sulfur Batteries. Cell Reports Physical Science, 2020, 1, 100015.	5.6	18
150	Endothelialized microvessels fabricated by microfluidics facilitate osteogenic differentiation and promote bone repair. Acta Biomaterialia, 2022, 142, 85-98.	8.3	18
151	The Ubiquitin E3 Ligase Parkin Inhibits Innate Antiviral Immunity Through K48-Linked Polyubiquitination of RIG-I and MDA5. Frontiers in Immunology, 2020, 11, 1926.	4.8	17
152	TKI resistant-based prognostic immune related gene signature in LUAD, in which FSCN1 contributes to tumor progression. Cancer Letters, 2022, 532, 215583.	7.2	17
153	Delta-Aminolevulinic Acid-Mediated Photodiagnoses in Surgical Oncology: A Historical Review of Clinical Trials. Frontiers in Surgery, 2019, 6, 45.	1.4	16
154	Association of serum lipids with clinical outcome in acute ischaemic stroke: A systematic review and meta-analysis. Journal of Clinical Neuroscience, 2019, 59, 236-244.	1.5	16
155	Aberrant functional connectivity and graph properties in bipolar II disorder with suicide attempts. Journal of Affective Disorders, 2020, 275, 202-209.	4.1	16
156	Moderate mechanical stimulation rescues degenerative annulus fibrosus by suppressing caveolin-1 mediated pro-inflammatory signaling pathway. International Journal of Biological Sciences, 2021, 17, 1395-1412.	6.4	16
157	Temporal dynamics alterations of spontaneous neuronal activity in anterior cingulate cortex predict suicidal risk in bipolar II patients. Brain Imaging and Behavior, 2021, 15, 2481-2491.	2.1	16
158	Using NMR to Test Molecular Mobility during a Chemical Reaction. Journal of Physical Chemistry Letters, 2021, 12, 2370-2375.	4.6	16
159	Reinforced Blood-Derived Protein Hydrogels Enable Dual-Level Regulation of Bio-Physiochemical Microenvironments for Personalized Bone Regeneration with Remarkable Enhanced Efficacy. Nano Letters, 2022, 22, 3904-3913.	9.1	16
160	Reaction Mechanisms of a Photo-Induced [1,3] Sigmatropic Rearrangement via a Nonadiabatic Pathway. Journal of Physical Chemistry A, 2009, 113, 13892-13900.	2.5	15
161	Protonated Water Dimer on Benzene: Standing Eigen or Crouching Zundel?. Journal of Physical Chemistry B, 2015, 119, 2658-2667.	2.6	15
162	Condensing-enriched magnetic photonic barcodes on superhydrophobic surface for ultrasensitive multiple detection. Lab on A Chip, 2019, 19, 1783-1789.	6.0	15

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