

Huan Wang

List of Publications by Year in descending order

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Version: 2024-02-01

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 | Dual Signals Electrochemical Biosensor for Point-of-Care Testing of Amino Acids Enantiomers. <i>Electroanalysis</i> , 2022, 34, 316-325. | 2.9 | 5 |
| 2 | Diurnal mood variation symptoms in major depressive disorder associated with evening chronotype: Evidence from a neuroimaging study. <i>Journal of Affective Disorders</i> , 2022, 298, 151-159. | 4.1 | 6 |
| 3 | Disrupted fronto-parietal network and default-mode network gamma interactions distinguishing suicidal ideation and suicide attempt in depression. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2022, 113, 110475. | 4.8 | 13 |
| 4 | Nanomotor-Derived Porous Biomedical Particles from Droplet Microfluidics. <i>Advanced Science</i> , 2022, 9, e2104272. | 11.2 | 31 |
| 5 | Multiple Stimuli-Responsive MXene-Based Hydrogel as Intelligent Drug Delivery Carriers for Deep Chronic Wound Healing. <i>Small</i> , 2022, 18, e2104368. | 10.0 | 104 |
| 6 | Stabilizing Sodium Metal Anodes with Surfactant-Based Electrolytes and Unraveling the Atomic Structure of Interfaces by Cryo-TEM. <i>Nano Letters</i> , 2022, 22, 1382-1390. | 9.1 | 48 |
| 7 | Hydrogenation of phenol to cyclohexanol using carbon encapsulated Ni-Co alloy nanoparticles. <i>Reaction Chemistry and Engineering</i> , 2022, 7, 429-441. | 3.7 | 6 |
| 8 | N-doped hollow porous carbon spheres@Co Cu Fe alloy nanospheres as novel non-precious metal electrocatalysts for HER and OER. <i>International Journal of Hydrogen Energy</i> , 2022, 47, 5947-5960. | 7.1 | 30 |
| 9 | Synthesis of highly active carbon-encapsulated Ni ₂ P catalysts by one-step pyrolysis-phosphidation for hydrodeoxygenation of phenolic compounds. <i>Catalysis Science and Technology</i> , 2022, 12, 1586-1597. | 4.1 | 8 |
| 10 | Endothelialized microvessels fabricated by microfluidics facilitate osteogenic differentiation and promote bone repair. <i>Acta Biomaterialia</i> , 2022, 142, 85-98. | 8.3 | 18 |
| 11 | TKI resistant-based prognostic immune related gene signature in LUAD, in which FSCN1 contributes to tumor progression. <i>Cancer Letters</i> , 2022, 532, 215583. | 7.2 | 17 |
| 12 | Spray-On Carbon Black Nanopowder/Polyvinylidene Fluoride-Based Solar-Thermal-Electric Generators to Power Electronic Devices. <i>ACS Applied Nano Materials</i> , 2022, 5, 2429-2435. | 5.0 | 4 |
| 13 | Shared and disease-sensitive dysfunction across bipolar and unipolar disorder during depressive episodes: a transdiagnostic study. <i>Neuropsychopharmacology</i> , 2022, 47, 1922-1930. | 5.4 | 5 |
| 14 | Hemoglobin within normal range is negatively related to hemoglobin A1c in a nondiabetic American population aged 16 years and older. <i>World Journal of Diabetes</i> , 2022, 13, 251-259. | 3.5 | 2 |
| 15 | Targeting Endogenous Hydrogen Peroxide at Bone Defects Promotes Bone Repair (<i>Adv. Funct. Mater.</i>) Tj ETQq1 1 0,784314 rgBT /Over | 14.9 | 149 |
| 16 | A Multifunctional Composite Hydrogel That Rescues the ROS Microenvironment and Guides the Immune Response for Repair of Osteoporotic Bone Defects. <i>Advanced Functional Materials</i> , 2022, 32, . | 14.9 | 41 |
| 17 | Ag ₃ PO ₄ Nanoparticles Decorated Carbon Nitride Nanotube to Boost Visible-Light Photocatalytic Activity for the Degradation of Azo Dyes. <i>ChemistrySelect</i> , 2022, 7, . | 1.5 | 6 |
| 18 | Dynamic connectivity alterations in anterior cingulate cortex associated with suicide attempts in bipolar disorders with a current major depressive episode. <i>Journal of Psychiatric Research</i> , 2022, 149, 307-314. | 3.1 | 7 |

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|----|---|------|-----------|
| 19 | Ascorbic acid-induced structural defect in photocatalytic graphitic carbon nitride to boost H ₂ O ₂ fuel cell performance. <i>Journal of Power Sources</i> , 2022, 532, 231368. | 7.8 | 7 |
| 20 | Natural proteins-derived asymmetric porous conduit for peripheral nerve regeneration. <i>Applied Materials Today</i> , 2022, 27, 101431. | 4.3 | 14 |
| 21 | An Investigation into the Association Between Dopamine Receptor <sc>D1</sc> Multilocus Genetic Variation, Multiparametric Magnetic Resonance Imaging, and Antidepressant Treatment. <i>Journal of Magnetic Resonance Imaging</i> , 2022, 56, 282-290. | 3.4 | 1 |
| 22 | Targeting Endogenous Hydrogen Peroxide at Bone Defects Promotes Bone Repair. <i>Advanced Functional Materials</i> , 2022, 32, . | 14.9 | 41 |
| 23 | PPy-Functionalized NiFe₂O₄ Nanocomposites toward Highly Selective Pb²⁺ Electrochemical Sensing. <i>ACS Sustainable Chemistry and Engineering</i> , 2022, 10, 6082-6093. | 6.7 | 14 |
| 24 | Identification of miRNA-mRNA-TF regulatory networks in peripheral blood mononuclear cells of type 1 diabetes. <i>BMC Endocrine Disorders</i> , 2022, 22, 119. | 2.2 | 1 |
| 25 | Reinforced Blood-Derived Protein Hydrogels Enable Dual-Level Regulation of Bio-Physiochemical Microenvironments for Personalized Bone Regeneration with Remarkable Enhanced Efficacy. <i>Nano Letters</i> , 2022, 22, 3904-3913. | 9.1 | 16 |
| 26 | Reaching people receiving opioid agonist therapy at community pharmacies with hepatitis C virus: an international randomised controlled trial. <i>Alimentary Pharmacology and Therapeutics</i> , 2022, 55, 1512-1523. | 3.7 | 5 |
| 27 | Achieving Symmetry-Breaking Charge Separation in Perylene-3,4,9,10-tetracarboxylic diimide Trimers: The Effect of Bridge Resonance. <i>Journal of Physical Chemistry B</i> , 2022, 126, 3758-3767. | 2.6 | 8 |
| 28 | Addressable Label-Free Photoelectric Sensor Array with Self-Calibration for Detection of Neuron Specific Enolase. <i>Analytical Chemistry</i> , 2022, 94, 6996-7003. | 6.5 | 13 |
| 29 | Scaffolds with anisotropic structure for neural tissue engineering. <i>Engineered Regeneration</i> , 2022, 3, 154-162. | 6.0 | 14 |
| 30 | A MXene-derived redox homeostasis regulator perturbs the Nrf2 antioxidant program for reinforced sonodynamic therapy. <i>Chemical Science</i> , 2022, 13, 6704-6714. | 7.4 | 30 |
| 31 | Bi nanosphere-decorated oxygen-vacancy BiOBr hollow microspheres with exposed (110) facets to enhance the photocatalytic performance for the degradation of azo dyes. <i>New Journal of Chemistry</i> , 2022, 46, 12410-12418. | 2.8 | 5 |
| 32 | Regulation of differentiation of annulus fibrosus-derived stem cells using heterogeneous electrospun fibrous scaffolds. <i>Journal of Orthopaedic Translation</i> , 2021, 26, 171-180. | 3.9 | 20 |
| 33 | Substrate Topography Regulates Differentiation of Annulus Fibrosus-Derived Stem Cells via CAV1-YAP-Mediated Mechanotransduction. <i>ACS Biomaterials Science and Engineering</i> , 2021, 7, 862-871. | 5.2 | 14 |
| 34 | 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. | 4.2 | 22 |
| 35 | Firstâ€œprinciples investigations on the synergistic effect of Nâ€œdopant and latticeâ€œstrain for CO ₂ reduction to CO on graphene. <i>International Journal of Quantum Chemistry</i> , 2021, 121, e26535. | 2.0 | 0 |
| 36 | Sonodynamic therapy reduces iron retention of hemorrhagic plaque. <i>Bioengineering and Translational Medicine</i> , 2021, 6, e10193. | 7.1 | 8 |

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|----|---|------|-----------|
| 37 | Electrochemiluminescence immunosensor based on ferrocene functionalized ZIF-8 quenching the electrochemiluminescence of Ru(bpy) ₃ ²⁺ -doped silica nanoparticles embodied N-butyl diethanolamine. <i>Sensors and Actuators B: Chemical</i> , 2021, 329, 129101. | 7.8 | 14 |
| 38 | Aberrant functional connectivity between the suprachiasmatic nucleus and the superior temporal gyrus: Bridging RORA gene polymorphism with diurnal mood variation in major depressive disorder. <i>Journal of Psychiatric Research</i> , 2021, 132, 123-130. | 3.1 | 7 |
| 39 | Characterization of the complete chloroplast genome of traditional Chinese herb, <i>Solanum japonense</i> Nakai. (Solanaceae). <i>Mitochondrial DNA Part B: Resources</i> , 2021, 6, 211-213. | 0.4 | 0 |
| 40 | A novel molecularly imprinted electrochemiluminescence sensor based on cobalt nitride nanoarray electrode for the sensitive detection of bisphenol S. <i>RSC Advances</i> , 2021, 11, 11011-11019. | 3.6 | 7 |
| 41 | Novel graphitic carbon nitride g-C ₃ N ₄ as a promising platform to design efficient photocatalysts for dinitrogen reduction to ammonia: the first-principles investigation. <i>Journal of Materials Chemistry A</i> , 2021, 9, 20615-20625. | 10.3 | 21 |
| 42 | Theoretical study on the molecular stacking interactions and charge transport properties of triazasumanene crystals "from explanation to prediction. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 4681-4689. | 2.8 | 11 |
| 43 | Response to Comment on "Boosted molecular mobility during common chemical reactions" <i>Science</i> , 2021, 371, . | 12.6 | 20 |
| 44 | Moderate mechanical stimulation rescues degenerative annulus fibrosus by suppressing caveolin-1 mediated pro-inflammatory signaling pathway. <i>International Journal of Biological Sciences</i> , 2021, 17, 1395-1412. | 6.4 | 16 |
| 45 | Global and reflective rumination are related to suicide attempts among patients experiencing major depressive episodes. <i>BMC Psychiatry</i> , 2021, 21, 117. | 2.6 | 13 |
| 46 | Predicting Neuroimaging Biomarkers for Antidepressant Selection in Early Treatment of Depression. <i>Journal of Magnetic Resonance Imaging</i> , 2021, 54, 551-559. | 3.4 | 5 |
| 47 | Analysis and Prediction of Significant Wave Height in the Beibu Gulf, South China Sea. <i>Journal of Geophysical Research: Oceans</i> , 2021, 126, e2020JC017144. | 2.6 | 10 |
| 48 | Serotonin 2A receptor polymorphism rs3803189 mediated by dynamics of default mode network: a potential biomarker for antidepressant early response. <i>Journal of Affective Disorders</i> , 2021, 283, 130-138. | 4.1 | 4 |
| 49 | Temporal dynamics alterations of spontaneous neuronal activity in anterior cingulate cortex predict suicidal risk in bipolar II patients. <i>Brain Imaging and Behavior</i> , 2021, 15, 2481-2491. | 2.1 | 16 |
| 50 | Using NMR to Test Molecular Mobility during a Chemical Reaction. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 2370-2375. | 4.6 | 16 |
| 51 | Metformin Carbon Dots for Promoting Periodontal Bone Regeneration via Activation of ERK/AMPK Pathway. <i>Advanced Healthcare Materials</i> , 2021, 10, e2100196. | 7.6 | 32 |
| 52 | MiR-34a suppression targets Nampt to ameliorate bone marrow mesenchymal stem cell senescence by regulating NAD ⁺ -Sirt1 pathway. <i>Stem Cell Research and Therapy</i> , 2021, 12, 271. | 5.5 | 22 |
| 53 | Proteomic Signature of Urosepsis: From Discovery in a Rabbit Model to Validation in Humans. <i>Journal of Proteome Research</i> , 2021, 20, 3889-3899. | 3.7 | 4 |
| 54 | Bio-inspired intestinal scavenger from microfluidic electrospray for detoxifying lipopolysaccharide. <i>Bioactive Materials</i> , 2021, 6, 1653-1662. | 15.6 | 35 |

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|----|---|------|-----------|
| 55 | Recognize the role of CD146/MCAM in the osteosarcoma progression: an in vitro study. <i>Cancer Cell International</i> , 2021, 21, 300. | 4.1 | 4 |
| 56 | Reply to Comment on "Using NMR to Test Molecular Mobility during a Chemical Reaction". <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 5744-5747. | 4.6 | 9 |
| 57 | PTEN suppresses tumorigenesis by directly dephosphorylating Akt. <i>Signal Transduction and Targeted Therapy</i> , 2021, 6, 262. | 17.1 | 8 |
| 58 | Sex-specific differences in blood lipids and lipid ratios in type 2 diabetic foot patients. <i>Journal of Diabetes Investigation</i> , 2021, , . | 2.4 | 3 |
| 59 | Sub-second transient activated patterns to sad expressions in major depressive disorders discovered via hidden Markov model. <i>Journal of Neuroscience Research</i> , 2021, 99, 3250-3260. | 2.9 | 6 |
| 60 | PDI hexamer based on combination of direct and indirect linkage manners for non-fullerene organic solar cells. <i>Chemistry - an Asian Journal</i> , 2021, 16, 3767-3773. | 3.3 | 3 |
| 61 | Molecules, the Ultimate Nanomotor: Linking Chemical Reaction Intermediates to their Molecular Diffusivity. <i>ACS Nano</i> , 2021, 15, 14947-14953. | 14.6 | 15 |
| 62 | Enzyme-functionalized structural color hydrogel particles for urea detection and elimination. <i>Journal of Cleaner Production</i> , 2021, 315, 128149. | 9.3 | 28 |
| 63 | Multiplex assays of bladder cancer protein markers with magnetic structural color hydrogel microcarriers based on microfluidics. <i>Sensors and Actuators B: Chemical</i> , 2021, 346, 130464. | 7.8 | 22 |
| 64 | Quantitative analysis of the profiles of twelve major compounds in <i>Gentiana straminea</i> Maxim. Roots by LC-MS/MS in an extensive germplasm survey in the Qinghai-Tibetan plateau. <i>Journal of Ethnopharmacology</i> , 2021, 280, 114068. | 4.1 | 12 |
| 65 | Highly sensitive and selective electrochemical sensor based on porous graphitic carbon nitride/CoMn ₂ O ₄ nanocomposite toward heavy metal ions. <i>Sensors and Actuators B: Chemical</i> , 2021, 346, 130539. | 7.8 | 46 |
| 66 | Total syntheses of melodienones by redox isomerization of propargylic alcohols. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 5077-5081. | 2.8 | 2 |
| 67 | Highly efficient hydrogenation of phenol to cyclohexanol over Ni-based catalysts derived from Ni-MOF-74. <i>Reaction Chemistry and Engineering</i> , 2021, 7, 170-180. | 3.7 | 14 |
| 68 | The Genetic Diversity of the Rice-crayfish Eco-farming <i>Procambarus clarkii</i> in Anhui Province, China. <i>Turkish Journal of Fisheries and Aquatic Sciences</i> , 2021, 22, . | 0.9 | 3 |
| 69 | Carbonic anhydrase 12 gene silencing reverses the sensitivity of paclitaxel in drug-resistant breast cancer cells. <i>Bioengineered</i> , 2021, 12, 9806-9818. | 3.2 | 6 |
| 70 | Unraveling an Innate Mechanism of Pathological Mineralization-Regulated Inflammation by a Nanobiomimetic System. <i>Advanced Healthcare Materials</i> , 2021, 10, e2101586. | 7.6 | 6 |
| 71 | A double dose of advice. <i>Science</i> , 2021, , . | 12.6 | 0 |
| 72 | Assessment of TMB, PD-L1, and lymphocyte to monocyte ratio as predictive potential in a phase Ib study of sintilimab in patients with advanced solid tumors. <i>American Journal of Cancer Research</i> , 2021, 11, 4259-4276. | 1.4 | 1 |

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|----|--|------|-----------|
| 73 | Responsive Janus Structural Color Hydrogel Micromotors for Label-Free Multiplex Assays. <i>Research</i> , 2021, 2021, 9829068. | 5.7 | 24 |
| 74 | A pre-operative prognostic model predicting all cause and cause specific mortality for women presenting with invasive breast cancer. <i>Breast</i> , 2021, 61, 11-21. | 2.2 | 0 |
| 75 | SET activation of nitroarenes by 2-azaallyl anions as a straightforward access to 2,5-dihydro-1,2,4-oxadiazoles. <i>Nature Communications</i> , 2021, 12, 7060. | 12.8 | 7 |
| 76 | Microfluidic electrospray photo-crosslinkable $\hat{\nu}$ -Carrageenan microparticles for wound healing. <i>Engineered Regeneration</i> , 2021, 2, 257-262. | 6.0 | 48 |
| 77 | 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. | 4.7 | 44 |
| 78 | WNT1 $\hat{\nu}$ -inducible signaling protein $\hat{\nu}$ 1 mediates TGF $\hat{\nu}$ 1 $\hat{\nu}$ -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. | 4.1 | 34 |
| 79 | Immunotherapeutic silk inverse opal particles for post-surgical tumor treatment. <i>Science Bulletin</i> , 2020, 65, 380-388. | 9.0 | 73 |
| 80 | Anisotropic structural color particles from colloidal phase separation. <i>Science Advances</i> , 2020, 6, eaay1438. | 10.3 | 133 |
| 81 | 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. | 16.0 | 43 |
| 82 | A photoelectrochemical immunosensor based on CdS/CdTe-cosensitized SnO ₂ as a platform for the ultrasensitive detection of amyloid $\hat{\nu}$ 2-protein. <i>Analyst</i> , The, 2020, 145, 619-625. | 3.5 | 19 |
| 83 | Characterization of the complete chloroplast genome of traditional Tibetan herb, <i>Rheum Pumilum Maxim.</i> (Polygonaceae). <i>Mitochondrial DNA Part B: Resources</i> , 2020, 5, 133-135. | 0.4 | 1 |
| 84 | Stomatocyte structural color-barcode micromotors for multiplex assays. <i>National Science Review</i> , 2020, 7, 644-651. | 9.5 | 56 |
| 85 | Myeloid FBW7 deficiency disrupts redox homeostasis and aggravates dietary-induced insulin resistance. <i>Redox Biology</i> , 2020, 37, 101688. | 9.0 | 18 |
| 86 | Graphitic Carbon Nitride-Based Photocatalytic Materials: Preparation Strategy and Application. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 16048-16085. | 6.7 | 96 |
| 87 | 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. | 7.8 | 10 |
| 88 | Aberrant functional connectivity and graph properties in bipolar II disorder with suicide attempts. <i>Journal of Affective Disorders</i> , 2020, 275, 202-209. | 4.1 | 16 |
| 89 | Electrochemical chiral amino acid biosensor based on dopamine-localized gold nanoparticles @ left-handed spiral chiral carbon nanotubes. <i>Analytical Methods</i> , 2020, 12, 3901-3908. | 2.7 | 6 |
| 90 | Boosted molecular mobility during common chemical reactions. <i>Science</i> , 2020, 369, 537-541. | 12.6 | 62 |

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|-----|--|------|-----------|
| 91 | Phenol-like group functionalized graphene quantum dots structurally mimicking natural antioxidants for highly efficient acute kidney injury treatment. <i>Chemical Science</i> , 2020, 11, 12721-12730. | 7.4 | 54 |
| 92 | 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. | 2.6 | 43 |
| 93 | Photo-switchable electron-transporting layers for self-driven perovskite photodetectors towards high detectivity. <i>Journal of Materials Chemistry C</i> , 2020, 8, 16506-16512. | 5.5 | 10 |
| 94 | A novel approach to photoelectrochemical immunoassay for procalcitonin on the basis of SnS ₂ /CdS. <i>New Journal of Chemistry</i> , 2020, 44, 15281-15288. | 2.8 | 5 |
| 95 | Distance-based quantification of miRNA-21 by the coffee-ring effect using paper devices. <i>Mikrochimica Acta</i> , 2020, 187, 513. | 5.0 | 18 |
| 96 | 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. | 9.1 | 110 |
| 97 | The Ubiquitin E3 Ligase Parkin Inhibits Innate Antiviral Immunity Through K48-Linked Polyubiquitination of RIG-I and MDA5. <i>Frontiers in Immunology</i> , 2020, 11, 1926. | 4.8 | 17 |
| 98 | Discriminating Suicide Attempters and Predicting Suicide Risk Using Altered Frontolimbic Resting-State Functional Connectivity in Patients With Bipolar II Disorder. <i>Frontiers in Psychiatry</i> , 2020, 11, 597770. | 2.6 | 12 |
| 99 | Gradually evaluating of suicidal risk in depression by semi-supervised cluster analysis on resting-state fMRI. <i>Brain Imaging and Behavior</i> , 2020, 15, 2149-2158. | 2.1 | 9 |
| 100 | Shape memory graphene and cutting-edge achievements. <i>APL Materials</i> , 2020, 8, . | 5.1 | 12 |
| 101 | Interfacial structure design of MXene-based nanomaterials for electrochemical energy storage and conversion. <i>Informa Mater</i> , 2020, 2, 1057-1076. | 17.3 | 143 |
| 102 | Antigen down format photoelectrochemical analysis supported by fullerene functionalized Sn ₃ O ₄ . <i>Chemical Communications</i> , 2020, 56, 7455-7458. | 4.1 | 19 |
| 103 | Combining theories and experiments to understand the sodium nucleation behavior towards safe sodium metal batteries. <i>Chemical Society Reviews</i> , 2020, 49, 3783-3805. | 38.1 | 161 |
| 104 | Oriented boronate affinity-imprinted inverse opal hydrogel for glycoprotein assay via colorimetry. <i>Mikrochimica Acta</i> , 2020, 187, 348. | 5.0 | 36 |
| 105 | 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. | 8.3 | 55 |
| 106 | Biomimetic bone regeneration using angle-ply collagen membrane-supported cell sheets subjected to mechanical conditioning. <i>Acta Biomaterialia</i> , 2020, 112, 75-86. | 8.3 | 23 |
| 107 | Facile-Processed Nanocarbon-Promoted Sulfur Cathode for Highly Stable Sodium-Sulfur Batteries. <i>Cell Reports Physical Science</i> , 2020, 1, 100015. | 5.6 | 18 |
| 108 | Ni-Fe nanocubes embedded with Pt nanoparticles for hydrogen and oxygen evolution reactions. <i>International Journal of Hydrogen Energy</i> , 2020, 45, 20832-20842. | 7.1 | 40 |

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|-----|---|------|-----------|
| 109 | Transition Metal-Free Arylation of Diarylmethanes with <i>N</i> -Boc Arylamides and <i>N</i> -Acylpyrroles. <i>Advanced Synthesis and Catalysis</i> , 2020, 362, 3423-3430. | 4.3 | 20 |
| 110 | Structural-functional decoupling predicts suicide attempts in bipolar disorder patients with a current major depressive episode. <i>Neuropsychopharmacology</i> , 2020, 45, 1735-1742. | 5.4 | 25 |
| 111 | Attenuated <i>Salmonella</i> engineered with an apoptosis-inducing factor (AIF) eukaryotic expressing system enhances its anti-tumor effect in melanoma in vitro and in vivo. <i>Applied Microbiology and Biotechnology</i> , 2020, 104, 3517-3528. | 3.6 | 11 |
| 112 | Complete chloroplast genome of <i>Meconopsis integrifolia</i> (Papaveraceae). <i>Mitochondrial DNA Part B: Resources</i> , 2020, 5, 142-144. | 0.4 | 1 |
| 113 | Three-Dimensional Porous Nitrogen-Doped Carbon Nanosheet with Embedded Ni ₃ Co ₃ S ₄ Nanocrystals for Advanced Lithium-Sulfur Batteries. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 9181-9189. | 8.0 | 36 |
| 114 | Signal-off electrochemiluminescence immunosensors based on the quenching effect between curcumin-conjugated Au nanoparticles encapsulated in ZIF-8 and CdS-decorated TiO ₂ nanobelts for insulin detection. <i>Analyst</i> , 2020, 145, 1858-1864. | 3.5 | 11 |
| 115 | Multistep Reaction Pathway for CO ₂ Reduction on Hydride-Capped Si Nanosheets. <i>ChemCatChem</i> , 2020, 12, 722-725. | 3.7 | 1 |
| 116 | Label-free electrochemical immunosensor based on biocompatible nanoporous Fe ₃ O ₄ and biotin-streptavidin system for sensitive detection of zearalenone. <i>Analyst</i> , 2020, 145, 1368-1375. | 3.5 | 50 |
| 117 | Effects of Matrix Stiffness on the Differentiation of Multipotent Stem Cells. <i>Current Stem Cell Research and Therapy</i> , 2020, 15, 449-461. | 1.3 | 14 |
| 118 | Comparison of Profiling of Hairy Root of Two Tibetan Medicinal Plants <i>Przewalskia tangutica</i> Maxim. and <i>Anisodus tanguticus</i> Maxim. <i>Current Pharmaceutical Biotechnology</i> , 2020, 21, 516-527. | 1.6 | 2 |
| 119 | Identification of Small-Molecule Regulators of Testicular Receptor 4 via a Drug Repurposing Screening. <i>ACS Omega</i> , 2020, 5, 30625-30632. | 3.5 | 0 |
| 120 | Identification of Small-Molecule Regulators of Testicular Receptor 4 via a Drug Repurposing Screening. <i>ACS Omega</i> , 2020, 5, 30625-30632. | 3.5 | 3 |
| 121 | Rapid inhibition of atherosclerotic plaque progression by sonodynamic therapy. <i>Cardiovascular Research</i> , 2019, 115, 190-203. | 3.8 | 49 |
| 122 | Renal-Clearable Porphyrinic Metal-Organic Framework Nanodots for Enhanced Photodynamic Therapy. <i>ACS Nano</i> , 2019, 13, 9206-9217. | 14.6 | 110 |
| 123 | Early identification of bipolar from unipolar depression before manic episode: Evidence from dynamic rfMRI. <i>Bipolar Disorders</i> , 2019, 21, 774-784. | 1.9 | 32 |
| 124 | Fe ₂ O ₃ and Co bimetallic decorated nitrogen doped graphene nanomaterial for effective electrochemical water split hydrogen evolution reaction. <i>Journal of Electroanalytical Chemistry</i> , 2019, 849, 113345. | 3.8 | 14 |
| 125 | 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. | 2.7 | 22 |
| 126 | Ring fusion attenuates the device performance: star-shaped long helical perylene diimide based non-fullerene acceptors. <i>Journal of Materials Chemistry C</i> , 2019, 7, 9564-9572. | 5.5 | 25 |

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|-----|---|------|-----------|
| 127 | Super-Elastic Magnetic Structural Color Hydrogels. <i>Small</i> , 2019, 15, e1902198. | 10.0 | 89 |
| 128 | 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. | 3.1 | 34 |
| 129 | Remote and reversible control of in vivo bacteria clustering by NIR-driven multivalent upconverting nanosystems. <i>Biomaterials</i> , 2019, 217, 119310. | 11.4 | 20 |
| 130 | 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, e1904836. | 21.0 | 105 |
| 131 | Direct Nanoscopic Measurement of Laminar Slip Flow Penetration of Deformable Polymer Brush Surfaces: Synergistic Effect of Grafting Density and Solvent Quality. <i>Langmuir</i> , 2019, 35, 13646-13655. | 3.5 | 7 |
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