# Yulan Chen

## List of Publications by Year in Descending Order



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|---|---|---|---|
| 257 papers | 13,226 citations | 56 h-index | 110 g-index |
| 300 ext. papers | 16,074 ext. citations | 8.7 avg, IF | 6.98 L-index |

| # | Paper | IF | Citations |
|---|---|---|---|
| 257 | 2D Conjugated Covalent Organic Frameworks: Defined Synthesis and Tailor-Made Functions.. *Accounts of Chemical Research*, **2022**, | 24.3 | 12 |
| 256 | EDOT-based conjugated polymers accessed C-H direct arylation for efficient photocatalytic hydrogen production.. *Chemical Science*, **2022**, 13, 1725-1733 | 9.4 | 14 |
| 255 | Molten salt method synthesis of multivalent cobalt and oxygen vacancy modified Nitrogen-doped MXene as highly efficient hydrogen and oxygen Evolution reaction electrocatalysts.. *Journal of Colloid and Interface Science*, **2022**, 615, 831-839 | 9.3 | 1 |
| 254 | Triangular Topological 2D Covalent Organic Frameworks Constructed via Symmetric or Asymmetric "Two-in-One" Type Monomers.. *Advanced Science*, **2022**, e2105517 | 13.6 | 4 |
| 253 | Regeneration and reuse of salt-tolerant zwitterionic polymer fluids by simple salt/water system.. *Journal of Hazardous Materials*, **2022**, 427, 128203 | 12.8 | 0 |
| 252 | Single-molecule field effect and conductance switching driven by electric field and proton transfer.. *Science Advances*, **2022**, 8, eabm3541 | 14.3 | 5 |
| 251 | Visualization of Solvent-Induced Structure Evolution in Cyclodextrin Polyrotaxane Gels.. *Macromolecular Rapid Communications*, **2022**, e2200082 | 4.8 | 1 |
| 250 | Effects of inter-stimulus intervals on concurrent P300 and SSVEP features for hybrid brain-computer interfaces.. *Journal of Neuroscience Methods*, **2022**, 372, 109535 | 3 | 0 |
| 249 | ZnS modified N, S dual-doped interconnected porous carbon derived from dye sludge waste as high-efficient ORR/OER catalyst for rechargeable zinc-air battery.. *Journal of Colloid and Interface Science*, **2022**, 616, 659-667 | 9.3 | 2 |
| 248 | N-Rich 2D Heptazine Covalent Organic Frameworks as Efficient Metal-Free Photocatalysts. *ACS Catalysis*, **2022**, 12, 616-623 | 13.1 | 12 |
| 247 | Unraveling Ultrasonic Stress Response of Nanovesicles by the Mechanochromism of Self-Assembled Polydiacetylene.. *ACS Macro Letters*, **2022**, 11, 103-109 | 6.6 | 2 |
| 246 | Cobalt sandwich complex-based covalent organic frameworks for chemical fixation of CO2. *Science China Materials*, **2022**, 65, 1377-1382 | 7.1 | 1 |
| 245 | Quinacridone based 2D covalent organic frameworks as efficient photocatalysts for aerobic oxidative Povarov reaction. *Applied Catalysis B: Environmental*, **2022**, 312, 121406 | 21.8 | 4 |
| 244 | Incorporating EEG and EMG Patterns to Evaluate BCI-Based Long-Term Motor Training. *IEEE Transactions on Human-Machine Systems*, **2022**, 1-10 | 4.1 | 1 |
| 243 | Flexible Broadband Light Absorbers with a Superhydrophobic Surface Fabricated by Ultraviolet-assisted Nanoimprint Lithography. *Chemical Research in Chinese Universities*, **2022**, 38, 829-833 | 2.2 | 0 |
| 242 | Topology modulation of 2D covalent organic frameworks a "two-in-one" strategy. *Nanoscale*, **2021**, 13, 19385-19390 | 7.7 | 2 |
| 241 | 3D Cross-linked TiCT-Ca-SA films with expanded TiCT interlayer spacing as freestanding electrode for all-solid-state flexible pseudocapacitor.. *Journal of Colloid and Interface Science*, **2021**, 610, 295-303 | 9.3 | 1 |

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| 240 | Mechanically Induced Bright Luminescence from 1,2-Dioxetane Containing PDMS Boosted by Fluoroboron Complex as an In-Chain Fluorophore. *Macromolecular Rapid Communications*, **2021**, 42, e2000575 | 4.8 | 2 |
| 239 | Donor-acceptor 2D covalent organic frameworks for efficient heterogeneous photocatalytic □-oxyamination. *Science China Chemistry*, **2021**, 64, 827-833 | 7.9 | 17 |
| 238 | Bioinformatics analysis of Myelin Transcription Factor 1. *Technology and Health Care*, **2021**, 29, 441-453 | 1.1 | 0 |
| 237 | Negative-tone molecular glass photoresist for high-resolution electron beam lithography. *Royal Society Open Science*, **2021**, 8, 202132 | 3.3 | 1 |
| 236 | Developing real-time mechanochromic probes for polymeric materials. *CheM*, **2021**, 7, 838-840 | 16.2 | 2 |
| 235 | ZnFe2O4 Nanoparticles for Electrochemical Determination of Trace Hg(II), Pb(II), Cu(II), and Glucose. *ACS Applied Nano Materials*, **2021**, 4, 4026-4036 | 5.6 | 16 |
| 234 | Amphiphilic Diazapyrenes with Multiple Stimuli-Responsive Properties. *ACS Applied Materials & Interfaces*, **2021**, 13, 20698-20707 | 9.5 | 4 |
| 233 | Covalently Cross-Linked and Mechanochemiluminescent Polyolefins Capable of Self-Healing and Self-Reporting. *CCS Chemistry*, **2021**, 3, 1316-1324 | 7.2 | 4 |
| 232 | Tailoring Pore Structure and Morphologies in Covalent Organic Frameworks for Xe/Kr Capture and Separation. *Chemical Research in Chinese Universities*, **2021**, 37, 679-685 | 2.2 | 5 |
| 231 | R□ktitelbild: Tricycloquinazoline-Based 2D Conductive Metal□Organic Frameworks as Promising Electrocatalysts for CO2 Reduction (Angew. Chem. 26/2021). *Angewandte Chemie*, **2021**, 133, 14840-14840 | 3.6 | |
| 230 | Pyrrole-Based Conjugated Microporous Polymers as Efficient Heterogeneous Catalysts for Knoevenagel Condensation. *Frontiers in Chemistry*, **2021**, 9, 687183 | 5 | 4 |
| 229 | Tricycloquinazoline-Based 2D Conductive Metal-Organic Frameworks as Promising Electrocatalysts for CO Reduction. *Angewandte Chemie - International Edition*, **2021**, 60, 14473-14479 | 16.4 | 38 |
| 228 | Tricycloquinazoline-Based 2D Conductive Metal□Organic Frameworks as Promising Electrocatalysts for CO2 Reduction. *Angewandte Chemie*, **2021**, 133, 14594-14600 | 3.6 | 8 |
| 227 | Columnar Liquid Crystalline Corannulenes: Synthesis, Assembly and Charge-Carrier Transport Properties. *Chinese Journal of Chemistry*, **2021**, 39, 2354-2358 | 4.9 | 0 |
| 226 | EEG-controlled functional electrical stimulation rehabilitation for chronic stroke: system design and clinical application. *Frontiers of Medicine*, **2021**, 15, 740-749 | 12 | 1 |
| 225 | Circularly Polarized Luminescence from Chiral p-Terphenylene-Based Supramolecular Aggregates. *Chinese Journal of Chemistry*, **2021**, 39, 2095-2100 | 4.9 | 2 |
| 224 | Donor-Acceptor Type Covalent Organic Frameworks. *Chemistry - A European Journal*, **2021**, 27, 10781-10797 | 4.8 | 22 |
| 223 | Nanoporous and nonporous conjugated donor-acceptor polymer semiconductors for photocatalytic hydrogen production. *Beilstein Journal of Nanotechnology*, **2021**, 12, 607-623 | 3 | 3 |

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| 222 | Supramolecular Polymerization of C3-Symmetric, Triphenylene-Cored Aza-Polycyclic Aromatic Hydrocarbons with Excellent and Switchable Circularly Polarized Luminescence Performance. *Macromolecules*, **2021**, 54, 7291-7297 | 5.5 | 1 |
| 221 | Optimization of Task Allocation for Collaborative Brain-Computer Interface Based on Motor Imagery. *Frontiers in Neuroscience*, **2021**, 15, 683784 | 5.1 | 1 |
| 220 | 2D Conductive Metal□Organic Frameworks: An Emerging Platform for Electrochemical Energy Storage. *Angewandte Chemie*, **2021**, 133, 5672-5684 | 3.6 | 12 |
| 219 | Sulfonated 2D Covalent Organic Frameworks for Efficient Proton Conduction. *Chemistry - A European Journal*, **2021**, 27, 3817-3822 | 4.8 | 9 |
| 218 | Semi-IPNs Reinforced with Silica Janus Nanoparticles and Their Stress Sensing with Mechanoluminescent Probe. *Macromolecular Rapid Communications*, **2021**, 42, e2000442 | 4.8 | 4 |
| 217 | One-Pot Synthesis of 3- to 15-Mer □Conjugated Discrete Oligomers with Widely Tunable Optical Properties. *Chinese Journal of Chemistry*, **2021**, 39, 577-584 | 4.9 | 3 |
| 216 | Polymorphism of 2D Imine Covalent Organic Frameworks. *Angewandte Chemie*, **2021**, 133, 5423-5429 | 3.6 | 8 |
| 215 | Polymorphism of 2D Imine Covalent Organic Frameworks. *Angewandte Chemie - International Edition*, **2021**, 60, 5363-5369 | 16.4 | 23 |
| 214 | Facile synthesis of 3D covalent organic frameworks a two-in-one strategy. *Chemical Communications*, **2021**, 57, 2136-2139 | 5.8 | 3 |
| 213 | Exfoliated conjugated porous polymer nanosheets for highly efficient photocatalytic hydrogen evolution. *Journal of Materials Chemistry A*, **2021**, 9, 5787-5795 | 13 | 35 |
| 212 | Macrocycle-derived hierarchical porous organic polymers: synthesis and applications. *Chemical Society Reviews*, **2021**, 50, 11684-11714 | 58.5 | 21 |
| 211 | 2D Redox-Active Covalent Organic Frameworks for Supercapacitors: Design, Synthesis, and Challenges. *Small*, **2021**, 17, e2005073 | 11 | 31 |
| 210 | Enhanced Mechanochemiluminescence from End-Functionalized Polyurethanes with Multiple Hydrogen Bonds. *Macromolecules*, **2021**, 54, 1557-1563 | 5.5 | 6 |
| 209 | Skeleton Engineering of Isostructural 2D Covalent Organic Frameworks: Orthoquinone Redox-Active Sites Enhanced Energy Storage. *CCS Chemistry*, **2021**, 3, 696-706 | 7.2 | 24 |
| 208 | Arylamine-Linked 2D Covalent Organic Frameworks for Efficient Pseudocapacitive Energy Storage. *Angewandte Chemie*, **2021**, 133, 20922-20927 | 3.6 | 2 |
| 207 | Arylamine-Linked 2D Covalent Organic Frameworks for Efficient Pseudocapacitive Energy Storage. *Angewandte Chemie - International Edition*, **2021**, 60, 20754-20759 | 16.4 | 27 |
| 206 | Mechanochromic luminescence from N,O-Chelated diphenylborinates. *Dyes and Pigments*, **2021**, 193, 109484 | 4.6 | 4 |
| 205 | Bischler-Napieralski Cyclization: A Versatile Reaction towards Functional Aza-PAHs and Their Conjugated Polymers□*Chinese Journal of Chemistry*, **2021**, 39, 3101 | 4.9 | 2 |

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| 204 | Evaluation of renewable pH-responsive starch-based flocculant on treating and recycling of highly saline textile effluents. *Environmental Research*, **2021**, 201, 111489 | 7.9 | 5 |
| 203 | 2D Conductive Metal-Organic Frameworks: An Emerging Platform for Electrochemical Energy Storage. *Angewandte Chemie - International Edition*, **2021**, 60, 5612-5624 | 16.4 | 65 |
| 202 | "Magnetism-Optogenetic" System for Wireless and Highly Sensitive Neuromodulation. *Advanced Healthcare Materials*, **2021**, e2102023 | 10.1 | 0 |
| 201 | Performance Improvement for Detecting Brain Function Using fNIRS: A Multi-Distance Probe Configuration With PPL Method. *Frontiers in Human Neuroscience*, **2020**, 14, 569508 | 3.3 | 1 |
| 200 | Synthesis of CoNiO (0 Dalton Transactions, **2020**, 49, 6587-6595 | 4.3 | 9 |
| 199 | Substrate-Controlled Synthesis of 5-Armchair Graphene Nanoribbons. *Journal of Physical Chemistry C*, **2020**, 124, 11422-11427 | 3.8 | 5 |
| 198 | Remotely Photocontrolled Microrobots based on Photomechanical Molecular Crystals. *ACS Applied Materials & Interfaces*, **2020**, 12, 27493-27498 | 9.5 | 4 |
| 197 | New synthetic strategies toward covalent organic frameworks. *Chemical Society Reviews*, **2020**, 49, 2852-2868 | 58.9 | 180 |
| 196 | A cellulose dissolution and encapsulation strategy to prepare carbon nanospheres with ultra-small size and high nitrogen content for the oxygen reduction reaction. *New Journal of Chemistry*, **2020**, 44, 10613-10620 | 3.6 | 4 |
| 195 | In Situ Formation of NiAl-Layered Double Hydroxide with a Tunable Interlayer Spacing in a Confined Impinging Jet Microreactor. *Energy & Fuels*, **2020**, 34, 8939-8946 | 4.1 | 7 |
| 194 | A donor-acceptor type macrocycle: toward photolyzable self-assembly. *Chemical Communications*, **2020**, 56, 3939-3942 | 5.8 | 4 |
| 193 | Mechanically Robust and Broadband Blackbody Composite Films Based on Self-Assembled Layered Structures. *Chemistry - an Asian Journal*, **2020**, 15, 1436-1439 | 4.5 | 4 |
| 192 | Visualized Bond Scission in Mechanochemiluminescent Polymethyl Acrylate/Cellulose Nanocrystals Composites. *ACS Macro Letters*, **2020**, 9, 438-442 | 6.6 | 17 |
| 191 | Study on the fluorescence properties of micron-submicron-nano BaFBr:Eu2+ phosphors. *New Journal of Chemistry*, **2020**, 44, 13118-13124 | 3.6 | 4 |
| 190 | Titelbild: A Redox-Active 2D Metal□Organic Framework for Efficient Lithium Storage with Extraordinary High Capacity (Angew. Chem. 13/2020). *Angewandte Chemie*, **2020**, 132, 5005-5005 | 3.6 | |
| 189 | Docking Site Modulation of Isostructural Covalent Organic Frameworks for CO Fixation. *Chemistry - A European Journal*, **2020**, 26, 4510-4514 | 4.8 | 16 |
| 188 | Achieving an unprecedented hydrogen evolution rate by solvent-exfoliated CPP-based photocatalysts. *Journal of Materials Chemistry A*, **2020**, 8, 5890-5899 | 13 | 35 |
| 187 | Designed synthesis of ZnO/PEDOT core/shell hybrid nanotube arrays with enhanced electrochromic properties. *Surface and Interface Analysis*, **2020**, 52, 389-395 | 1.5 | 2 |

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| 186 | Sensitized Mechanoluminescence Design toward Mechanically Induced Intense Red Emission from Transparent Polymer Films. *Macromolecules*, **2020**, 53, 905-912 | 5.5 | 13 |
| 185 | An optomechanical study of mechanoluminescent elastomeric polyurethanes with different hard segments. *Polymer Chemistry*, **2020**, 11, 1877-1884 | 4.9 | 14 |
| 184 | An Upgraded "Two-in-One" Strategy toward Highly Crystalline Covalent Organic Frameworks. *Chemistry - A European Journal*, **2020**, 26, 8377-8381 | 4.8 | 12 |
| 183 | Aggregation-Dependent Photoreactive Hemicyanine Assembly as a Photobactericide. *ACS Applied Materials & Interfaces*, **2020**, 12, 22552-22559 | 9.5 | 4 |
| 182 | 2D covalent organic framework thin films via interfacial self-polycondensation of an AB type monomer. *Chemical Communications*, **2020**, 56, 3253-3256 | 5.8 | 25 |
| 181 | Nitrogen and sulfur co-doped porous carbon fibers film for flexible symmetric all-solid-state supercapacitors. *Carbon*, **2020**, 158, 456-464 | 10.4 | 39 |
| 180 | Conjugated Copper-Catecholate Framework Electrodes for Efficient Energy Storage. *Angewandte Chemie - International Edition*, **2020**, 59, 1081-1086 | 16.4 | 78 |
| 179 | Conjugated Copper□Catecholate Framework Electrodes for Efficient Energy Storage. *Angewandte Chemie*, **2020**, 132, 1097-1102 | 3.6 | 13 |
| 178 | 2D Semiconducting Metal□Organic Framework Thin Films for Organic Spin Valves. *Angewandte Chemie*, **2020**, 132, 1134-1139 | 3.6 | 25 |
| 177 | 2D Semiconducting Metal-Organic Framework Thin Films for Organic Spin Valves. *Angewandte Chemie - International Edition*, **2020**, 59, 1118-1123 | 16.4 | 90 |
| 176 | A Redox-Active 2D Metal□Organic Framework for Efficient Lithium Storage with Extraordinary High Capacity. *Angewandte Chemie*, **2020**, 132, 5311-5315 | 3.6 | 25 |
| 175 | A Redox-Active 2D Metal-Organic Framework for Efficient Lithium Storage with Extraordinary High Capacity. *Angewandte Chemie - International Edition*, **2020**, 59, 5273-5277 | 16.4 | 94 |
| 174 | Fast and facile preparation of S nanoparticles by flash nanoprecipitation for lithium□sulfur batteries. *New Journal of Chemistry*, **2020**, 44, 466-471 | 3.6 | 4 |
| 173 | 5,6,12,13-Tetraazaperopyrenes as Unique Photonic and Mechanochromic Fluorophores. *Angewandte Chemie*, **2020**, 132, 10026-10031 | 3.6 | 7 |
| 172 | 5,6,12,13-Tetraazaperopyrenes as Unique Photonic and Mechanochromic Fluorophores. *Angewandte Chemie - International Edition*, **2020**, 59, 9940-9945 | 16.4 | 21 |
| 171 | Porous organic polymers: a promising platform for efficient photocatalysis. *Materials Chemistry Frontiers*, **2020**, 4, 332-353 | 7.8 | 122 |
| 170 | Innentitelbild: Conjugated Copper□Catecholate Framework Electrodes for Efficient Energy Storage (Angew. Chem. 3/2020). *Angewandte Chemie*, **2020**, 132, 974-974 | 3.6 | |
| 169 | Diselenide-Linked Polymers under Sonication. *ACS Macro Letters*, **2020**, 9, 1547-1551 | 6.6 | 10 |

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| 168 | High-Voltage Rechargeable Alkali□Acid Zn□PbO2 Hybrid Battery. *Angewandte Chemie*, **2020**, 132, 23799-23803 | 3.6 | 8 |
| 167 | Modulating Benzothiadiazole-Based Covalent Organic Frameworks via Halogenation for Enhanced Photocatalytic Water Splitting. *Angewandte Chemie - International Edition*, **2020**, 59, 16902-16909 | 16.4 | 111 |
| 166 | Modulating Benzothiadiazole-Based Covalent Organic Frameworks via Halogenation for Enhanced Photocatalytic Water Splitting. *Angewandte Chemie*, **2020**, 132, 17050-17057 | 3.6 | 17 |
| 165 | 2D conductive metal-organic frameworks for electronics and spintronics. *Science China Chemistry*, **2020**, 63, 1391-1401 | 7.9 | 16 |
| 164 | Continuous Surface Strain Tuning for NiFe-Layered Double Hydroxides Using a Multi-inlet Vortex Mixer. *Industrial & Engineering Chemistry Research*, **2020**, 59, 19897-19906 | 3.9 | |
| 163 | High-Voltage Rechargeable Alkali-Acid Zn-PbO Hybrid Battery. *Angewandte Chemie - International Edition*, **2020**, 59, 23593-23597 | 16.4 | 18 |
| 162 | Proton transport in crystalline, porous covalent organic frameworks: a NMR study. *Journal of Materials Chemistry A*, **2020**, 8, 20939-20945 | 13 | 2 |
| 161 | Boosting the Potassium-Ion Storage Performance in Soft Carbon Anodes by the Synergistic Effect of Optimized Molten Salt Medium and N/S Dual-Doping. *ACS Applied Materials & Interfaces*, **2020**, 12, 20838-20848 | 9.5 | 42 |
| 160 | Empowering self-reporting polymer blends with orthogonal optical properties responsive in a broader force range. *Chemical Science*, **2020**, 12, 1245-1250 | 9.4 | 14 |
| 159 | Fluorescent BF complexes of pyridyl-isoindoline-1-ones: synthesis, characterization and their distinct response to mechanical force. *Dalton Transactions*, **2019**, 48, 14626-14631 | 4.3 | 6 |
| 158 | Facile Synthesis of Porphyrin Based Covalent Organic Frameworks via an A2B2 Monomer for Highly Efficient Heterogeneous Catalysis. *Chemistry of Materials*, **2019**, 31, 8100-8105 | 9.6 | 83 |
| 157 | Enhanced optomechanical properties of mechanochemiluminescent poly(methyl acrylate) composites with granulated fluorescent conjugated microporous polymer fillers. *Chemical Science*, **2019**, 10, 2206-2211 | 9.4 | 28 |
| 156 | Benzothiadiazole functionalized D□A type covalent organic frameworks for effective photocatalytic reduction of aqueous chromium(VI). *Journal of Materials Chemistry A*, **2019**, 7, 998-1004 | 13 | 102 |
| 155 | One-step synthesis of nickel□iron layered double hydroxides with tungstate acid anions via flash nano-precipitation for the oxygen evolution reaction. *Sustainable Energy and Fuels*, **2019**, 3, 237-244 | 5.8 | 25 |
| 154 | Rational design of two-dimensional covalent tilings using a C-symmetric building block via on-surface Schiff base reaction. *Chemical Communications*, **2019**, 55, 1326-1329 | 5.8 | 17 |
| 153 | Cu-Doped Porous Carbon Derived from Heavy Metal-Contaminated Sewage Sludge for High-Performance Supercapacitor Electrode Materials. *Nanomaterials*, **2019**, 9, | 5.4 | 9 |
| 152 | High-Lithium-Affinity Chemically Exfoliated 2D Covalent Organic Frameworks. *Advanced Materials*, **2019**, 31, e1901640 | 24 | 123 |
| 151 | Catalytic effect of (HO) ( = 1-3) clusters on the HO + SO -kHOSO + O reaction under tropospheric conditions.. *RSC Advances*, **2019**, 9, 16195-16207 | 3.7 | 4 |

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| 150 | The effect of substituent number on mechanochromic luminescence of β-diketones and the corresponding boron complexes. *Dyes and Pigments*, **2019**, 166, 159-167 | 4.6 | 9 |
| 149 | Polyurethane/Siloxane Hybrid Polymers with Chemiluminescent Mechanophores as Stress Probes. *Macromolecular Materials and Engineering*, **2019**, 304, 1900056 | 3.9 | 10 |
| 148 | N-doped Carbon Coated CoO Nanowire Arrays Derived from Zeolitic Imidazolate Framework-67 as Binder-free Anodes for High-performance Lithium Storage. *Scientific Reports*, **2019**, 9, 5934 | 4.9 | 8 |
| 147 | Synthesis, Characterization, and Properties of Diazapyrenes via Bischler-Napieralski Reaction. *Journal of Organic Chemistry*, **2019**, 84, 3953-3959 | 4.2 | 15 |
| 146 | Brønsted acid mediated covalent organic framework membranes for efficient molecular separation. *Journal of Materials Chemistry A*, **2019**, 7, 20317-20324 | 13 | 31 |
| 145 | Flocculant-Assisted Synthesis of Graphene-Like Carbon Nanosheets for Oxygen Reduction Reaction and Supercapacitor. *Nanomaterials*, **2019**, 9, | 5.4 | 8 |
| 144 | De Novo Design and Facile Synthesis of 2D Covalent Organic Frameworks: A Two-in-One Strategy. *Journal of the American Chemical Society*, **2019**, 141, 13822-13828 | 16.4 | 103 |
| 143 | Stable 2D Heteroporous Covalent Organic Frameworks for Efficient Ionic Conduction. *Angewandte Chemie - International Edition*, **2019**, 58, 15742-15746 | 16.4 | 73 |
| 142 | Stable 2D Heteroporous Covalent Organic Frameworks for Efficient Ionic Conduction. *Angewandte Chemie*, **2019**, 131, 15889-15893 | 3.6 | 19 |
| 141 | Preparation of mesoporous CoNiO2 hexagonal nanoparticles for asymmetric supercapacitors via a hydrothermal microwave carbon bath process. *New Journal of Chemistry*, **2019**, 43, 15066-15071 | 3.6 | 2 |
| 140 | N, S Dual-Doped Carbon Derived from Dye Sludge by Using Polymeric Flocculant as Soft Template. *Nanomaterials*, **2019**, 9, | 5.4 | 4 |
| 139 | Ultrastable Covalent Organic Frameworks via Self-Polycondensation of an A2B2 Monomer for Heterogeneous Photocatalysis. *Macromolecules*, **2019**, 52, 7977-7983 | 5.5 | 55 |
| 138 | Maleimide-thiol adducts stabilized through stretching. *Nature Chemistry*, **2019**, 11, 310-319 | 17.6 | 90 |
| 137 | 2D covalent organic frameworks with built-in amide active sites for efficient heterogeneous catalysis. *Chemical Communications*, **2019**, 55, 14538-14541 | 5.8 | 24 |
| 136 | Phase-Locked Dynamic and Mechanoresponsive Bonds Design toward Robust and Mechanoluminescent Self-Healing Polyurethanes: A Microscopic View of Self-Healing Behaviors. *Macromolecules*, **2019**, 52, 9376-9382 | 5.5 | 30 |
| 135 | Nitrogen self-doped porous carbon nanosheets derived from azo dye flocs for efficient supercapacitor electrodes. *Carbon Letters*, **2019**, 29, 455-460 | 2.3 | 1 |
| 134 | N,N?-Bicarbazole-Based Covalent Triazine Frameworks as High-Performance Heterogeneous Photocatalysts. *Macromolecules*, **2019**, 52, 9786-9791 | 5.5 | 24 |
| 133 | A New Biscarbazole-Based Metal-Organic Framework for Efficient Host-Guest Energy Transfer. *Chemistry - A European Journal*, **2019**, 25, 1901-1905 | 4.8 | 9 |

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| 132 | Potassium gluconate-derived N/S Co-doped carbon nanosheets as superior electrode materials for supercapacitors and sodium-ion batteries. *Journal of Power Sources*, **2019**, 414, 308-316 | 8.9 | 65 |
| 131 | Porous Organic Polymer Gel Derived Electrocatalysts for Efficient Oxygen Reduction. *ChemElectroChem*, **2019**, 6, 485-492 | 4.3 | 13 |
| 130 | Tuning the Photophysical Properties of Symmetric Squarylium Dyes: Investigation on the Halogen Modulation Effects. *Chemistry - A European Journal*, **2019**, 25, 469-473 | 4.8 | 12 |
| 129 | Dual-Functional Conjugated Nanoporous Polymers for Efficient Organic Pollutants Treatment in Water: A Synergistic Strategy of Adsorption and Photocatalysis. *Macromolecules*, **2018**, 51, 3443-3449 | 5.5 | 50 |
| 128 | From S,N-Heteroacene to Large Discotic Polycyclic Aromatic Hydrocarbons (PAHs): Liquid Crystal versus Plastic Crystalline Materials with Tunable Mechanochromic Fluorescence. *Angewandte Chemie - International Edition*, **2018**, 57, 6161-6165 | 16.4 | 29 |
| 127 | Self-Assembly of Azobenzene Derivatives into Organogels and Photoresponsive Liquid Crystals. *Chemistry - an Asian Journal*, **2018**, 13, 1173-1179 | 4.5 | 11 |
| 126 | A clean and membrane-free chlor-alkali process with decoupled Cl and H/NaOH production. *Nature Communications*, **2018**, 9, 438 | 17.4 | 42 |
| 125 | Targeted Construction of Light-Harvesting Metal-Organic Frameworks Featuring Efficient Host-Guest Energy Transfer. *ACS Applied Materials & Interfaces*, **2018**, 10, 5633-5640 | 9.5 | 33 |
| 124 | Conjugated Polymer-Based Nanoparticles for Cancer Cell-Targeted and Image-Guided Photodynamic Therapy. *Macromolecular Chemistry and Physics*, **2018**, 219, 1700440 | 2.6 | 10 |
| 123 | Nitrogen and Sulfur Self-Doped Activated Carbon Directly Derived from Elm Flower for High-Performance Supercapacitors. *ACS Omega*, **2018**, 3, 4724-4732 | 3.9 | 58 |
| 122 | Nitroxyl radical based conjugated microporous polymers as heterogeneous catalysts for selective aerobic alcohol oxidation. *Journal of Materials Chemistry A*, **2018**, 6, 9860-9865 | 13 | 23 |
| 121 | From S,N-Heteroacene to Large Discotic Polycyclic Aromatic Hydrocarbons (PAHs): Liquid Crystal versus Plastic Crystalline Materials with Tunable Mechanochromic Fluorescence. *Angewandte Chemie*, **2018**, 130, 6269-6273 | 3.6 | 5 |
| 120 | Facile one-step fabrication of CdS0.12Se0.88 quantum dots with a ZnSe/ZnS-passivation layer for highly efficient quantum dot sensitized solar cells. *Journal of Materials Chemistry A*, **2018**, 6, 9866-9873 | 13 | 30 |
| 119 | A transplantation of subject-independent model in cross-platform BCI. *International Journal of Machine Learning and Cybernetics*, **2018**, 9, 959-967 | 3.8 | 3 |
| 118 | Novel n-channel organic semiconductor based on pyrene-phenazine fused monoimide and bisimides. *Chinese Chemical Letters*, **2018**, 29, 331-335 | 8.1 | 9 |
| 117 | From Tetraphenylfurans to Ring-Opened (Z)-1,4-Enediones: ACQ Fluorophores versus AIEgens with Distinct Responses to Mechanical Force and Light. *Chemistry - A European Journal*, **2018**, 24, 13197-13204 | 4.8 | 15 |
| 116 | ,-Heteroacene-Based Conjugated Microporous Polymers as Fluorescent Sensors and Effective Antimicrobial Carriers.. *ACS Applied Bio Materials*, **2018**, 1, 473-479 | 4.1 | 10 |
| 115 | Incorporation of Multiple-Days Information to Improve the Generalization of EEG-Based Emotion Recognition Over Time. *Frontiers in Human Neuroscience*, **2018**, 12, 267 | 3.3 | 8 |

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| 114 | Three-Dimensional Honeycomb-Like Porous Carbon with Both Interconnected Hierarchical Porosity and Nitrogen Self-Doping from Cotton Seed Husk for Supercapacitor Electrode. *Nanomaterials*, **2018**, 8, | 5.4 | 36 |
| 113 | Covalent Organic Frameworks Constructed from Flexible Building Blocks with High Adsorption Capacity for Pollutants. *ACS Applied Nano Materials*, **2018**, 1, 4756-4761 | 5.6 | 49 |
| 112 | Fused Carbazole-Based Dyads: Synthesis, Solvatochromism and Sensing Properties. *Asian Journal of Organic Chemistry*, **2018**, 7, 2223-2227 | 3 | 5 |
| 111 | Dual-responsive BN-embedded phenacenes featuring mechanochromic luminescence and ratiometric sensing of fluoride ions. *Journal of Materials Chemistry C*, **2018**, 6, 10456-10463 | 7.1 | 21 |
| 110 | Acid-Induced Multicolor Fluorescence of Pyridazine Derivative. *ACS Applied Materials & Interfaces*, **2018**, 10, 1237-1243 | 9.5 | 42 |
| 109 | In situ g-C3N4 self-sacrificial synthesis of a g-C3N4/LaCO3OH heterostructure with strong interfacial charge transfer and separation for photocatalytic NO removal. *Journal of Materials Chemistry A*, **2018**, 6, 972-981 | 13 | 42 |
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