

# Yulan Chen

## List of Publications by Citations

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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	Three-dimensional nitrogen and boron co-doped graphene for high-performance all-solid-state supercapacitors. <i>Advanced Materials</i> , <b>2012</b> , 24, 5130-5	24	1164
256	Toughening elastomers with sacrificial bonds and watching them break. <i>Science</i> , <b>2014</b> , 344, 186-9	33.3	625
255	From nanographene and graphene nanoribbons to graphene sheets: chemical synthesis. <i>Angewandte Chemie - International Edition</i> , <b>2012</b> , 51, 7640-54	16.4	614
254	Light-harvesting conjugated microporous polymers: rapid and highly efficient flow of light energy with a porous polyphenylene framework as antenna. <i>Journal of the American Chemical Society</i> , <b>2010</b> , 132, 6742-8	16.4	505
253	Mechanically induced chemiluminescence from polymers incorporating a 1,2-dioxetane unit in the main chain. <i>Nature Chemistry</i> , <b>2012</b> , 4, 559-62	17.6	466
252	CMPs as scaffolds for constructing porous catalytic frameworks: a built-in heterogeneous catalyst with high activity and selectivity based on nanoporous metalloporphyrin polymers. <i>Journal of the American Chemical Society</i> , <b>2010</b> , 132, 9138-43	16.4	459
251	Conjugated organic framework with three-dimensionally ordered stable structure and delocalized $\pi$ clouds. <i>Nature Communications</i> , <b>2013</b> , 4, 2736	17.4	404
250	High-performance electrocatalysts for oxygen reduction derived from cobalt porphyrin-based conjugated mesoporous polymers. <i>Advanced Materials</i> , <b>2014</b> , 26, 1450-5	24	378
249	Photoelectric covalent organic frameworks: converting open lattices into ordered donor-acceptor heterojunctions. <i>Journal of the American Chemical Society</i> , <b>2014</b> , 136, 9806-9	16.4	284
248	An n-channel two-dimensional covalent organic framework. <i>Journal of the American Chemical Society</i> , <b>2011</b> , 133, 14510-3	16.4	277
247	Light-emitting conjugated polymers with microporous network architecture: interweaving scaffold promotes electronic conjugation, facilitates exciton migration, and improves luminescence. <i>Journal of the American Chemical Society</i> , <b>2011</b> , 133, 17622-5	16.4	274
246	Environmentally-friendly aqueous Li (or Na)-ion battery with fast electrode kinetics and super-long life. <i>Science Advances</i> , <b>2016</b> , 2, e1501038	14.3	245
245	Separating hydrogen and oxygen evolution in alkaline water electrolysis using nickel hydroxide. <i>Nature Communications</i> , <b>2016</b> , 7, 11741	17.4	232
244	On-surface synthesis of rylene-type graphene nanoribbons. <i>Journal of the American Chemical Society</i> , <b>2015</b> , 137, 4022-5	16.4	231
243	An ambipolar conducting covalent organic framework with self-sorted and periodic electron donor-acceptor ordering. <i>Advanced Materials</i> , <b>2012</b> , 24, 3026-31	24	217
242	New synthetic strategies toward covalent organic frameworks. <i>Chemical Society Reviews</i> , <b>2020</b> , 49, 2852-2868	5.8	180
241	Porphyrin-based two-dimensional covalent organic frameworks: synchronized synthetic control of macroscopic structures and pore parameters. <i>Chemical Communications</i> , <b>2011</b> , 47, 1979-81	5.8	180

240	Superb Alkaline Hydrogen Evolution and Simultaneous Electricity Generation by Pt-Decorated Ni <sub>3</sub> N Nanosheets. <i>Advanced Energy Materials</i> , <b>2017</b> , 7, 1601390	21.8	176
239	Creation of Superheterojunction Polymers via Direct Polycondensation: Segregated and Bicontinuous Donor-Acceptor Columnar Arrays in Covalent Organic Frameworks for Long-Lived Charge Separation. <i>Journal of the American Chemical Society</i> , <b>2015</b> , 137, 7817-27	16.4	152
238	Highly efficient activation of molecular oxygen with nanoporous metalloporphyrin frameworks in heterogeneous systems. <i>Advanced Materials</i> , <b>2011</b> , 23, 3149-54	24	138
237	Porous graphitic carbon nanosheets as a high-rate anode material for lithium-ion batteries. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2013</b> , 5, 9537-45	9.5	128
236	High-Lithium-Affinity Chemically Exfoliated 2D Covalent Organic Frameworks. <i>Advanced Materials</i> , <b>2019</b> , 31, e1901640	24	123
235	Porous organic polymers: a promising platform for efficient photocatalysis. <i>Materials Chemistry Frontiers</i> , <b>2020</b> , 4, 332-353	7.8	122
234	Flexible Aqueous Lithium-Ion Battery with High Safety and Large Volumetric Energy Density. <i>Angewandte Chemie - International Edition</i> , <b>2016</b> , 55, 7474-7	16.4	122
233	A universal scheme to convert aromatic molecular monolayers into functional carbon nanomembranes. <i>ACS Nano</i> , <b>2013</b> , 7, 6489-97	16.7	119
232	Cotton fabric derived hierarchically porous carbon and nitrogen doping for sustainable capacitor electrode. <i>Carbon</i> , <b>2017</b> , 111, 839-848	10.4	113
231	Modulating Benzothiadiazole-Based Covalent Organic Frameworks via Halogenation for Enhanced Photocatalytic Water Splitting. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 16902-16909	16.4	111
230	General synthesis of xLi <sub>2</sub> MnO <sub>3</sub> [(1-x)LiMn <sub>1/3</sub> Ni <sub>1/3</sub> Co <sub>1/3</sub> O <sub>2</sub> ] nanomaterials by a molten-salt method: towards a high capacity and high power cathode for rechargeable lithium batteries. <i>Journal of Materials Chemistry</i> , <b>2012</b> , 22, 25380		106
229	De Novo Design and Facile Synthesis of 2D Covalent Organic Frameworks: A Two-in-One Strategy. <i>Journal of the American Chemical Society</i> , <b>2019</b> , 141, 13822-13828	16.4	103
228	Benzothiadiazole functionalized D <sub>3h</sub> type covalent organic frameworks for effective photocatalytic reduction of aqueous chromium(VI). <i>Journal of Materials Chemistry A</i> , <b>2019</b> , 7, 998-1004	13	102
227	Large pore donor-acceptor covalent organic frameworks. <i>Chemical Science</i> , <b>2013</b> , 4, 4505	9.4	100
226	Dioxetanes as Mechanoluminescent Probes in Thermoplastic Elastomers. <i>Macromolecules</i> , <b>2014</b> , 47, 3793-3805	9.4	94
225	A Redox-Active 2D Metal-Organic Framework for Efficient Lithium Storage with Extraordinary High Capacity. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 5273-5277	16.4	94
224	Integration of aggregation-induced emission and delayed fluorescence into electronic donor-acceptor conjugates. <i>Journal of Materials Chemistry C</i> , <b>2016</b> , 4, 3705-3708	7.1	93
223	Inverse-vulcanization of vinyl functionalized covalent organic frameworks as efficient cathode materials for Li <sup>+</sup> batteries. <i>Journal of Materials Chemistry A</i> , <b>2018</b> , 6, 17977-17981	13	91

222	Maleimide-thiol adducts stabilized through stretching. <i>Nature Chemistry</i> , <b>2019</b> , 11, 310-319	17.6	90
221	2D Semiconducting Metal-Organic Framework Thin Films for Organic Spin Valves. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 1118-1123	16.4	90
220	Facile Synthesis of Porphyrin Based Covalent Organic Frameworks via an A2B2 Monomer for Highly Efficient Heterogeneous Catalysis. <i>Chemistry of Materials</i> , <b>2019</b> , 31, 8100-8105	9.6	83
219	N,N'-Bicarbazole: A Versatile Building Block toward the Construction of Conjugated Porous Polymers for CO <sub>2</sub> Capture and Dyes Adsorption. <i>Macromolecules</i> , <b>2017</b> , 50, 4993-5003	5.5	82
218	Polyimide as anode electrode material for rechargeable sodium batteries. <i>RSC Advances</i> , <b>2014</b> , 4, 25369-25373	3.81	
217	Hexathienocoronenes: synthesis and self-organization. <i>Journal of the American Chemical Society</i> , <b>2012</b> , 134, 17869-72	16.4	80
216	Dendritic effect on supramolecular self-assembly: organogels with strong fluorescence emission induced by aggregation. <i>Langmuir</i> , <b>2009</b> , 25, 8548-55	4	78
215	Conjugated Copper-Catecholate Framework Electrodes for Efficient Energy Storage. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 1081-1086	16.4	78
214	Assembly and fiber formation of a gemini-type hexathienocoronene amphiphile for electrical conduction. <i>Journal of the American Chemical Society</i> , <b>2013</b> , 135, 13531-7	16.4	74
213	Li <sub>2</sub> TiSiO <sub>5</sub> : a low potential and large capacity Ti-based anode material for Li-ion batteries. <i>Energy and Environmental Science</i> , <b>2017</b> , 10, 1456-1464	35.4	73
212	Stable 2D Heteroporous Covalent Organic Frameworks for Efficient Ionic Conduction. <i>Angewandte Chemie - International Edition</i> , <b>2019</b> , 58, 15742-15746	16.4	73
211	Binary Li <sub>4</sub> Ti <sub>5</sub> O <sub>12</sub> -Li <sub>2</sub> Ti <sub>3</sub> O <sub>7</sub> Nanocomposite as an Anode Material for Li-Ion Batteries. <i>Advanced Functional Materials</i> , <b>2013</b> , 23, 640-647	15.6	71
210	Noncovalently netted, photoconductive sheets with extremely high carrier mobility and conduction anisotropy from triphenylene-fused metal trigon conjugates. <i>Journal of the American Chemical Society</i> , <b>2009</b> , 131, 7287-92	16.4	67
209	Hierarchical supramolecular self-assembly of nanotubes and layered sheets. <i>Angewandte Chemie - International Edition</i> , <b>2008</b> , 47, 6015-8	16.4	67
208	Potassium gluconate-derived N/S Co-doped carbon nanosheets as superior electrode materials for supercapacitors and sodium-ion batteries. <i>Journal of Power Sources</i> , <b>2019</b> , 414, 308-316	8.9	65
207	2D Conductive Metal-Organic Frameworks: An Emerging Platform for Electrochemical Energy Storage. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 5612-5624	16.4	65
206	Polyoxometalate built-in conjugated microporous polymers for visible-light heterogeneous photocatalysis. <i>Journal of Materials Chemistry A</i> , <b>2017</b> , 5, 13757-13762	13	59
205	Nitrogen and Sulfur Self-Doped Activated Carbon Directly Derived from Elm Flower for High-Performance Supercapacitors. <i>ACS Omega</i> , <b>2018</b> , 3, 4724-4732	3.9	58

204	Processable Rylene Diimide Dyes up to 4 nm in Length: Synthesis and STM Visualization. <i>Chemistry - A European Journal</i> , <b>2013</b> , 19, 11842-6	4.8	57
203	High-voltage aqueous battery approaching 3 V using an acidic-alkaline double electrolyte. <i>Chemical Communications</i> , <b>2013</b> , 49, 2204-6	5.8	56
202	Ultrastable Covalent Organic Frameworks via Self-Polycondensation of an A2B2 Monomer for Heterogeneous Photocatalysis. <i>Macromolecules</i> , <b>2019</b> , 52, 7977-7983	5.5	55
201	Solid-state emissive cyanostilbene based conjugated microporous polymers via cost-effective Knoevenagel polycondensation. <i>Polymer Chemistry</i> , <b>2016</b> , 7, 3983-3988	4.9	52
200	Dual-Functional Conjugated Nanoporous Polymers for Efficient Organic Pollutants Treatment in Water: A Synergistic Strategy of Adsorption and Photocatalysis. <i>Macromolecules</i> , <b>2018</b> , 51, 3443-3449	5.5	50
199	Covalent Organic Frameworks Constructed from Flexible Building Blocks with High Adsorption Capacity for Pollutants. <i>ACS Applied Nano Materials</i> , <b>2018</b> , 1, 4756-4761	5.6	49
198	A four-fold interpenetrated metal-organic framework as a fluorescent sensor for volatile organic compounds. <i>Dalton Transactions</i> , <b>2016</b> , 45, 14888-92	4.3	47
197	Bottom-Up Construction of Porous Organic Frameworks with Built-In TEMPO as a Cathode for Lithium-Sulfur Batteries. <i>ChemSusChem</i> , <b>2017</b> , 10, 2955-2961	8.3	46
196	Ferrocene-based porous organic polymer derived high-performance electrocatalysts for oxygen reduction. <i>Journal of Materials Chemistry A</i> , <b>2017</b> , 5, 22163-22169	13	45
195	Facile transformation of perylene tetracarboxylic acid dianhydride into strong donor-acceptor chromophores. <i>Organic Letters</i> , <b>2012</b> , 14, 5444-7	6.2	43
194	A clean and membrane-free chlor-alkali process with decoupled Cl and H/NaOH production. <i>Nature Communications</i> , <b>2018</b> , 9, 438	17.4	42
193	Boosting the Potassium-Ion Storage Performance in Soft Carbon Anodes by the Synergistic Effect of Optimized Molten Salt Medium and N/S Dual-Doping. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 20838-20848	9.5	42
192	Acid-Induced Multicolor Fluorescence of Pyridazine Derivative. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2018</b> , 10, 1237-1243	9.5	42
191	In situ g-C <sub>3</sub> N <sub>4</sub> self-sacrificial synthesis of a g-C <sub>3</sub> N <sub>4</sub> /LaCO <sub>3</sub> OH heterostructure with strong interfacial charge transfer and separation for photocatalytic NO removal. <i>Journal of Materials Chemistry A</i> , <b>2018</b> , 6, 972-981	13	42
190	TiPO and Expanded Graphite Nanocomposite as Anode Material for Aqueous Lithium-Ion Batteries. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2017</b> , 9, 8075-8082	9.5	39
189	Nitrogen and sulfur co-doped porous carbon fibers film for flexible symmetric all-solid-state supercapacitors. <i>Carbon</i> , <b>2020</b> , 158, 456-464	10.4	39
188	Forced to align: flow-induced long-range alignment of hierarchical molecular assemblies from 2D to 3D. <i>Journal of the American Chemical Society</i> , <b>2014</b> , 136, 4117-20	16.4	38
187	Tricycloquinazoline-Based 2D Conductive Metal-Organic Frameworks as Promising Electrocatalysts for CO Reduction. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 14473-14479	16.4	38

186	Three-Dimensional Honeycomb-Like Porous Carbon with Both Interconnected Hierarchical Porosity and Nitrogen Self-Doping from Cotton Seed Husk for Supercapacitor Electrode. <i>Nanomaterials</i> , <b>2018</b> , 8,	5.4	36
185	Achieving an unprecedented hydrogen evolution rate by solvent-exfoliated CPP-based photocatalysts. <i>Journal of Materials Chemistry A</i> , <b>2020</b> , 8, 5890-5899	13	35
184	Contorted polycyclic aromatic hydrocarbons with cove regions and zig-zag edges. <i>Chemical Communications</i> , <b>2017</b> , 53, 8474-8477	5.8	35
183	Exfoliated conjugated porous polymer nanosheets for highly efficient photocatalytic hydrogen evolution. <i>Journal of Materials Chemistry A</i> , <b>2021</b> , 9, 5787-5795	13	35
182	Aqueous Lithium-Ion Batteries Using Polyimide-Activated Carbon Composites Anode and Spinel LiMn <sub>2</sub> O <sub>4</sub> Cathode. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2017</b> , 5, 1503-1508	8.3	34
181	Targeted Construction of Light-Harvesting Metal-Organic Frameworks Featuring Efficient Host-Guest Energy Transfer. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2018</b> , 10, 5633-5640	9.5	33
180	Bristed acid mediated covalent organic framework membranes for efficient molecular separation. <i>Journal of Materials Chemistry A</i> , <b>2019</b> , 7, 20317-20324	13	31
179	2D Redox-Active Covalent Organic Frameworks for Supercapacitors: Design, Synthesis, and Challenges. <i>Small</i> , <b>2021</b> , 17, e2005073	11	31
178	Facile one-step fabrication of Cd <sub>0.12</sub> Se <sub>0.88</sub> quantum dots with a ZnSe/ZnS-passivation layer for highly efficient quantum dot sensitized solar cells. <i>Journal of Materials Chemistry A</i> , <b>2018</b> , 6, 9866-9873	13	30
177	Phase-Locked Dynamic and Mechanoresponsive Bonds Design toward Robust and Mechanoluminescent Self-Healing Polyurethanes: A Microscopic View of Self-Healing Behaviors. <i>Macromolecules</i> , <b>2019</b> , 52, 9376-9382	5.5	30
176	From S,N-Heteroacene to Large Discotic Polycyclic Aromatic Hydrocarbons (PAHs): Liquid Crystal versus Plastic Crystalline Materials with Tunable Mechanochromic Fluorescence. <i>Angewandte Chemie - International Edition</i> , <b>2018</b> , 57, 6161-6165	16.4	29
175	Two-dimensional artificial light-harvesting antennae with predesigned high-order structure and robust photosensitising activity. <i>Scientific Reports</i> , <b>2016</b> , 6, 32944	4.9	29
174	Tuning the Mechanochromic Luminescence of BOPIM Complexes by Rational Introduction of Aromatic Substituents. <i>Journal of Physical Chemistry C</i> , <b>2017</b> , 121, 27009-27017	3.8	29
173	Green emitting photoproducts from terylene diimide after red illumination. <i>Journal of the American Chemical Society</i> , <b>2013</b> , 135, 19180-5	16.4	29
172	Layered Electron Acceptors by Dimerization of Acenes End-Capped with 1,2,5-Thiadiazoles. <i>Angewandte Chemie - International Edition</i> , <b>2016</b> , 55, 941-4	16.4	29
171	Enhanced optomechanical properties of mechanochemiluminescent poly(methyl acrylate) composites with granulated fluorescent conjugated microporous polymer fillers. <i>Chemical Science</i> , <b>2019</b> , 10, 2206-2211	9.4	28
170	Synthesis of Fully Soluble Azomethine-Bridged Ladder-Type Poly(p-phenylenes) by Bischler-Napieralski Reaction. <i>Macromolecules</i> , <b>2010</b> , 43, 10216-10220	5.5	28
169	Arylamine-Linked 2D Covalent Organic Frameworks for Efficient Pseudocapacitive Energy Storage. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 20754-20759	16.4	27



168	A crown ether decorated dibenzocoronene tetracarboxdiimide chromophore: synthesis, sensing, and self-organization. <i>Chemistry - an Asian Journal</i> , <b>2015</b> , 10, 139-43	4.5	26
167	One-step synthesis of nickel(II) layered double hydroxides with tungstate acid anions via flash nano-precipitation for the oxygen evolution reaction. <i>Sustainable Energy and Fuels</i> , <b>2019</b> , 3, 237-244	5.8	25
166	Flow-assisted 2D polymorph selection: stabilizing metastable monolayers at the liquid-solid interface. <i>Journal of the American Chemical Society</i> , <b>2014</b> , 136, 7595-8	16.4	25
165	Self-assembly of cationic pyrene nanotubes. <i>Journal of Materials Chemistry</i> , <b>2012</b> , 22, 4927		25
164	2D covalent organic framework thin films via interfacial self-polycondensation of an AB type monomer. <i>Chemical Communications</i> , <b>2020</b> , 56, 3253-3256	5.8	25
163	2D Semiconducting Metal-Organic Framework Thin Films for Organic Spin Valves. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 1134-1139	3.6	25
162	A Redox-Active 2D Metal-Organic Framework for Efficient Lithium Storage with Extraordinary High Capacity. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 5311-5315	3.6	25
161	Improving Mechanoluminescent Sensitivity of 1,2-Dioxetane-Containing Thermoplastic Polyurethanes by Controlling Energy Transfer across Polymer Chains. <i>Macromolecules</i> , <b>2018</b> , 51, 9019-9025	5.5	25
160	Precursor-controlled and template-free synthesis of nitrogen-doped carbon nanoparticles for supercapacitors. <i>RSC Advances</i> , <b>2015</b> , 5, 50063-50069	3.7	24
159	2D covalent organic frameworks with built-in amide active sites for efficient heterogeneous catalysis. <i>Chemical Communications</i> , <b>2019</b> , 55, 14538-14541	5.8	24
158	N,N'-Bicarbazole-Based Covalent Triazine Frameworks as High-Performance Heterogeneous Photocatalysts. <i>Macromolecules</i> , <b>2019</b> , 52, 9786-9791	5.5	24
157	Skeleton Engineering of Isostructural 2D Covalent Organic Frameworks: Orthoquinone Redox-Active Sites Enhanced Energy Storage. <i>CCS Chemistry</i> , <b>2021</b> , 3, 696-706	7.2	24
156	Nitroxyl radical based conjugated microporous polymers as heterogeneous catalysts for selective aerobic alcohol oxidation. <i>Journal of Materials Chemistry A</i> , <b>2018</b> , 6, 9860-9865	13	23
155	A fishing rod-like conjugated polymer bearing pillar[5]arenes. <i>Chemical Communications</i> , <b>2016</b> , 52, 6662-6663	4.8	23
154	Polymorphism of 2D Imine Covalent Organic Frameworks. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 5363-5369	16.4	23
153	A novel angularly fused bistetracene: facile synthesis, crystal packing and single-crystal field effect transistors. <i>Journal of Materials Chemistry C</i> , <b>2017</b> , 5, 1308-1312	7.1	22
152	Donor-Acceptor Type Covalent Organic Frameworks. <i>Chemistry - A European Journal</i> , <b>2021</b> , 27, 10781-10787	14.9	22
151	Facile construction of butadiynylene based conjugated porous polymers by cost-effective Glaser coupling. <i>Materials Chemistry Frontiers</i> , <b>2017</b> , 1, 867-872	7.8	21

150	Recent advances in mechanoluminescent polymers. <i>Science China Materials</i> , <b>2016</b> , 59, 507-520	7.1	21
149	Dual-responsive BN-embedded phenacenes featuring mechanochromic luminescence and ratiometric sensing of fluoride ions. <i>Journal of Materials Chemistry C</i> , <b>2018</b> , 6, 10456-10463	7.1	21
148	5,6,12,13-Tetraazaperopyrenes as Unique Photonic and Mechanochromic Fluorophores. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 9940-9945	16.4	21
147	Macrocyclic-derived hierarchical porous organic polymers: synthesis and applications. <i>Chemical Society Reviews</i> , <b>2021</b> , 50, 11684-11714	58.5	21
146	Flexible Aqueous Lithium-Ion Battery with High Safety and Large Volumetric Energy Density. <i>Angewandte Chemie</i> , <b>2016</b> , 128, 7600-7603	3.6	20
145	Base-acid hybrid water electrolysis. <i>Chemical Communications</i> , <b>2016</b> , 52, 3147-50	5.8	19
144	Stable 2D Heteroporous Covalent Organic Frameworks for Efficient Ionic Conduction. <i>Angewandte Chemie</i> , <b>2019</b> , 131, 15889-15893	3.6	19
143	Hierarchical supramolecular assembly of sterically demanding $\beta$ -systems by conjugation with oligoprolines. <i>Angewandte Chemie - International Edition</i> , <b>2014</b> , 53, 12537-41	16.4	19
142	Discotic hexa-peri-hexabenzocoronenes with strong dipole: synthesis, self-assembly and dynamic studies. <i>Chemical Communications</i> , <b>2012</b> , 48, 702-4	5.8	19
141	Facile Synthesis of 3,8-Dibromo-Substituted Phenanthridine Derivatives and Their Conjugated Polymers. <i>Macromolecules</i> , <b>2010</b> , 43, 1349-1355	5.5	19
140	High-Voltage Rechargeable Alkali-Acid Zn-PbO Hybrid Battery. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 23593-23597	16.4	18
139	Rational design of two-dimensional covalent tilings using a C <sub>3</sub> -symmetric building block via on-surface Schiff base reaction. <i>Chemical Communications</i> , <b>2019</b> , 55, 1326-1329	5.8	17
138	Visualized Bond Scission in Mechanochemiluminescent Polymethyl Acrylate/Cellulose Nanocrystals Composites. <i>ACS Macro Letters</i> , <b>2020</b> , 9, 438-442	6.6	17
137	p-Quaterphenylene as an Aggregation-Induced Emission Fluorogen in Supramolecular Organogels and Fluorescent Sensors. <i>Chemistry - an Asian Journal</i> , <b>2017</b> , 12, 52-59	4.5	17
136	Modulating Benzothiadiazole-Based Covalent Organic Frameworks via Halogenation for Enhanced Photocatalytic Water Splitting. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 17050-17057	3.6	17
135	Donor-acceptor 2D covalent organic frameworks for efficient heterogeneous photocatalytic $\beta$ -oxyamination. <i>Science China Chemistry</i> , <b>2021</b> , 64, 827-833	7.9	17
134	Thiophene-Fused 1,10-Phenanthroline and Its Conjugated Polymers. <i>Macromolecules</i> , <b>2016</b> , 49, 4088-4094	9.5	17
133	Docking Site Modulation of Isostructural Covalent Organic Frameworks for CO Fixation. <i>Chemistry - A European Journal</i> , <b>2020</b> , 26, 4510-4514	4.8	16



132	Competition between HO and HO Reactions with CHOO/anti-CHCHO in the Oligomer Formation: A Theoretical Perspective. <i>Journal of Physical Chemistry A</i> , <b>2017</b> , 121, 6981-6991	2.8	16
131	Versatile colorant syntheses by multiple condensations of acetyl anilines with perylene anhydrides. <i>Angewandte Chemie - International Edition</i> , <b>2015</b> , 54, 2285-9	16.4	16
130	2D conductive metal-organic frameworks for electronics and spintronics. <i>Science China Chemistry</i> , <b>2020</b> , 63, 1391-1401	7.9	16
129	ZnFe <sub>2</sub> O <sub>4</sub> Nanoparticles for Electrochemical Determination of Trace Hg(II), Pb(II), Cu(II), and Glucose. <i>ACS Applied Nano Materials</i> , <b>2021</b> , 4, 4026-4036	5.6	16
128	Structural Insights Into 9-Styrylanthracene-Based Luminophores: Geometry Control Versus Mechanofluorochromism and Sensing Properties. <i>Chemistry - an Asian Journal</i> , <b>2017</b> , 12, 830-834	4.5	15
127	Photolysis of polymeric self-assembly controlled by donor-acceptor interaction. <i>Chemical Communications</i> , <b>2017</b> , 53, 11822-11825	5.8	15
126	Synthesis, Characterization, and Properties of Diazapyrenes via Bischler-Napieralski Reaction. <i>Journal of Organic Chemistry</i> , <b>2019</b> , 84, 3953-3959	4.2	15
125	From Tetraphenylfurans to Ring-Opened (Z)-1,4-Enediones: ACQ Fluorophores versus AIEgens with Distinct Responses to Mechanical Force and Light. <i>Chemistry - A European Journal</i> , <b>2018</b> , 24, 13197-13204	4.8	15
124	Synthesis of thiophene-containing conjugated polymers from 2,5-thiophenebis(boronic ester)s by Suzuki polycondensation. <i>Polymer Chemistry</i> , <b>2013</b> , 4, 895	4.9	15
123	An optomechanical study of mechanoluminescent elastomeric polyurethanes with different hard segments. <i>Polymer Chemistry</i> , <b>2020</b> , 11, 1877-1884	4.9	14
122	Hierarchical Supramolecular Self-Assembly of Nanotubes and Layered Sheets. <i>Angewandte Chemie</i> , <b>2008</b> , 120, 6104-6107	3.6	14
121	EDOT-based conjugated polymers accessed C-H direct arylation for efficient photocatalytic hydrogen production.. <i>Chemical Science</i> , <b>2022</b> , 13, 1725-1733	9.4	14
120	NiCo <sub>2</sub> S <sub>4</sub> microspheres grown on N, S co-doped reduced graphene oxide as an efficient bifunctional electrocatalyst for overall water splitting in alkaline and neutral pH. <i>Nano Research</i> , 1	10	14
119	Empowering self-reporting polymer blends with orthogonal optical properties responsive in a broader force range. <i>Chemical Science</i> , <b>2020</b> , 12, 1245-1250	9.4	14
118	Thermo- and pH-responsive starch derivatives for smart window. <i>Carbohydrate Polymers</i> , <b>2018</b> , 196, 209-216	10.9	14
117	Thiophene-fused 1,10-phenanthroline toward a far-red emitting conjugated polymer and its polymer dots: synthesis, properties and subcellular imaging. <i>Materials Chemistry Frontiers</i> , <b>2017</b> , 1, 2638-2642	7.8	13
116	Sensitized Mechanoluminescence Design toward Mechanically Induced Intense Red Emission from Transparent Polymer Films. <i>Macromolecules</i> , <b>2020</b> , 53, 905-912	5.5	13
115	Conjugated Copper Catecholate Framework Electrodes for Efficient Energy Storage. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 1097-1102	3.6	13

114	Porous Organic Polymer Gel Derived Electrocatalysts for Efficient Oxygen Reduction. <i>ChemElectroChem</i> , <b>2019</b> , 6, 485-492	4.3	13
113	An Upgraded "Two-in-One" Strategy toward Highly Crystalline Covalent Organic Frameworks. <i>Chemistry - A European Journal</i> , <b>2020</b> , 26, 8377-8381	4.8	12
112	2D Conjugated Covalent Organic Frameworks: Defined Synthesis and Tailor-Made Functions.. <i>Accounts of Chemical Research</i> , <b>2022</b> ,	24.3	12
111	Layered Electron Acceptors by Dimerization of Acenes End- Capped with 1,2,5-Thiadiazoles. <i>Angewandte Chemie</i> , <b>2016</b> , 128, 953-956	3.6	12
110	2D Conductive Metal-Organic Frameworks: An Emerging Platform for Electrochemical Energy Storage. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 5672-5684	3.6	12
109	Tuning the Photophysical Properties of Symmetric Squarylium Dyes: Investigation on the Halogen Modulation Effects. <i>Chemistry - A European Journal</i> , <b>2019</b> , 25, 469-473	4.8	12
108	N-Rich 2D Heptazine Covalent Organic Frameworks as Efficient Metal-Free Photocatalysts. <i>ACS Catalysis</i> , <b>2022</b> , 12, 616-623	13.1	12
107	Self-Assembly of Azobenzene Derivatives into Organogels and Photoresponsive Liquid Crystals. <i>Chemistry - an Asian Journal</i> , <b>2018</b> , 13, 1173-1179	4.5	11
106	Synthesis and supramolecular self-assembly of coil-rod-coil molecules: the relationship between self-assembled nanostructures and molecular structures. <i>Chemistry - an Asian Journal</i> , <b>2011</b> , 6, 226-33	4.5	11
105	Polythiophenes with Carbazole Side Chains: Design, Synthesis and Their Application in Organic Solar Cells. <i>Macromolecular Chemistry and Physics</i> , <b>2010</b> , 211, 948-955	2.6	11
104	Optical Waveguides in Organic Crystals of Polycyclic Arenes. <i>Advanced Optical Materials</i> , <b>2002</b> 264	8.1	11
103	Polyurethane/Siloxane Hybrid Polymers with Chemiluminescent Mechanophores as Stress Probes. <i>Macromolecular Materials and Engineering</i> , <b>2019</b> , 304, 1900056	3.9	10
102	Conjugated Polymer-Based Nanoparticles for Cancer Cell-Targeted and Image-Guided Photodynamic Therapy. <i>Macromolecular Chemistry and Physics</i> , <b>2018</b> , 219, 1700440	2.6	10
101	Effect of sintering temperature on microstructure and electrical properties of Mn <sub>1.2</sub> Co <sub>1.5</sub> Ni <sub>0.3</sub> O <sub>4</sub> ceramic materials using nanoparticles by reverse microemulsion method. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2016</b> , 27, 1713-1718	2.1	10
100	,-Heteroacene-Based Conjugated Microporous Polymers as Fluorescent Sensors and Effective Antimicrobial Carriers.. <i>ACS Applied Bio Materials</i> , <b>2018</b> , 1, 473-479	4.1	10
99	The non-covalent assembly of benzene-bridged metallosalphen dimers: photoconductive tapes with large carrier mobility and spatially distinctive conduction anisotropy. <i>Chemical Communications</i> , <b>2009</b> , 3119-21	5.8	10
98	New Strategies for the Synthesis of Covalent Organic Porous Polymers. <i>Acta Chimica Sinica</i> , <b>2015</b> , 73, 487	3.3	10
97	Diselenide-Linked Polymers under Sonication. <i>ACS Macro Letters</i> , <b>2020</b> , 9, 1547-1551	6.6	10

96	(Z)-Tetraphenylbut-2-ene-1,4-diones: facile synthesis, tunable aggregation-induced emission and fluorescence acid sensing. <i>Journal of Materials Chemistry C</i> , <b>2017</b> , 5, 3408-3414	7.1	9
95	Cu-Doped Porous Carbon Derived from Heavy Metal-Contaminated Sewage Sludge for High-Performance Supercapacitor Electrode Materials. <i>Nanomaterials</i> , <b>2019</b> , 9,	5.4	9
94	The effect of substituent number on mechanochromic luminescence of $\beta$ -diketones and the corresponding boron complexes. <i>Dyes and Pigments</i> , <b>2019</b> , 166, 159-167	4.6	9
93	Synthesis of CoNiO (0 Dalton Transactions, <b>2020</b> , 49, 6587-6595	4.3	9
92	Novel n-channel organic semiconductor based on pyrene-phenazine fused monoimide and bisimides. <i>Chinese Chemical Letters</i> , <b>2018</b> , 29, 331-335	8.1	9
91	A New Biscarbazole-Based Metal-Organic Framework for Efficient Host-Guest Energy Transfer. <i>Chemistry - A European Journal</i> , <b>2019</b> , 25, 1901-1905	4.8	9
90	Sulfonated 2D Covalent Organic Frameworks for Efficient Proton Conduction. <i>Chemistry - A European Journal</i> , <b>2021</b> , 27, 3817-3822	4.8	9
89	N-doped Carbon Coated CoO Nanowire Arrays Derived from Zeolitic Imidazolate Framework-67 as Binder-free Anodes for High-performance Lithium Storage. <i>Scientific Reports</i> , <b>2019</b> , 9, 5934	4.9	8
88	Incorporation of Multiple-Days Information to Improve the Generalization of EEG-Based Emotion Recognition Over Time. <i>Frontiers in Human Neuroscience</i> , <b>2018</b> , 12, 267	3.3	8
87	Flocculant-Assisted Synthesis of Graphene-Like Carbon Nanosheets for Oxygen Reduction Reaction and Supercapacitor. <i>Nanomaterials</i> , <b>2019</b> , 9,	5.4	8
86	Vielseitige Farbstoffsynthesen durch mehrfache Kondensationsreaktionen von Acetylanilinen mit Perylenanhydriden. <i>Angewandte Chemie</i> , <b>2015</b> , 127, 2314-2319	3.6	8
85	High-Voltage Rechargeable Alkali-Acid Zn/BiO <sub>2</sub> Hybrid Battery. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 23799-23803	3.6	8
84	Tricycloquinazoline-Based 2D Conductive Metal-Organic Frameworks as Promising Electrocatalysts for CO <sub>2</sub> Reduction. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 14594-14600	3.6	8
83	Polymorphism of 2D Imine Covalent Organic Frameworks. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 5423-5429	3.6	8
82	In Situ Formation of NiAl-Layered Double Hydroxide with a Tunable Interlayer Spacing in a Confined Impinging Jet Microreactor. <i>Energy &amp; Fuels</i> , <b>2020</b> , 34, 8939-8946	4.1	7
81	Photophysical investigation of cyano-substituted terrylenediimide derivatives. <i>Journal of Physical Chemistry B</i> , <b>2014</b> , 118, 14662-74	3.4	7
80	5,6,12,13-Tetraazaperopyrenes as Unique Photonic and Mechanochromic Fluorophores. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 10026-10031	3.6	7
79	Stable 2D Bisthienoacenes: Synthesis, Crystal Packing, and Photophysical Properties. <i>Chemistry - A European Journal</i> , <b>2018</b> , 24, 14442-14447	4.8	7

78	Synthesis and electrocatalytic mechanism of ultrafine MFe <sub>2</sub> O <sub>4</sub> (M: Co, Ni, and Zn) nanocrystallites: M/Fe synergistic effects on the electrochemical detection of Cu(II) and hydrogen evolution reaction performances. <i>Journal of Materials Chemistry A</i> ,	13	7
77	Synthesis and self-assembly of unconventional C <sub>3</sub> -symmetrical trisubstituted triphenylenes. <i>Materials Chemistry Frontiers</i> , <b>2017</b> , 1, 2599-2605	7.8	6
76	Fluorescent BF complexes of pyridyl-isoindoline-1-ones: synthesis, characterization and their distinct response to mechanical force. <i>Dalton Transactions</i> , <b>2019</b> , 48, 14626-14631	4.3	6
75	Amphiphilic dendrons with a pyrene functional group at the focal point: synthesis, self-assembly and generation-dependent DNA condensation. <i>Polymer Chemistry</i> , <b>2017</b> , 8, 4798-4804	4.9	6
74	An In Situ Film-to-Film Transformation Approach toward Highly Crystalline Covalent Organic Framework Films. <i>CCS Chemistry</i> , 1773-1779	7.2	6
73	Enhanced Mechanochemiluminescence from End-Functionalized Polyurethanes with Multiple Hydrogen Bonds. <i>Macromolecules</i> , <b>2021</b> , 54, 1557-1563	5.5	6
72	Substrate-Controlled Synthesis of 5-Armchair Graphene Nanoribbons. <i>Journal of Physical Chemistry C</i> , <b>2020</b> , 124, 11422-11427	3.8	5
71	From S,N-Heteroacene to Large Discotic Polycyclic Aromatic Hydrocarbons (PAHs): Liquid Crystal versus Plastic Crystalline Materials with Tunable Mechanochromic Fluorescence. <i>Angewandte Chemie</i> , <b>2018</b> , 130, 6269-6273	3.6	5
70	Preparation and characterization of LaMn <sub>0.5</sub> Co <sub>0.5</sub> O <sub>3</sub> Ni <sub>0.66</sub> Mn <sub>2.34</sub> O <sub>4</sub> composite NTC ceramics. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2016</b> , 27, 7560-7565	2.1	5
69	Fused Carbazole-Based Dyads: Synthesis, Solvatochromism and Sensing Properties. <i>Asian Journal of Organic Chemistry</i> , <b>2018</b> , 7, 2223-2227	3	5
68	Tailoring Pore Structure and Morphologies in Covalent Organic Frameworks for Xe/Kr Capture and Separation. <i>Chemical Research in Chinese Universities</i> , <b>2021</b> , 37, 679-685	2.2	5
67	Controlled Formation of a Main Chain Supramolecular Polymer Based on Metal-Ligand Interactions and a Thiol-Ene Click Reaction. <i>Chemistry - an Asian Journal</i> , <b>2018</b> , 13, 3169-3172	4.5	5
66	Evaluation of renewable pH-responsive starch-based flocculant on treating and recycling of highly saline textile effluents. <i>Environmental Research</i> , <b>2021</b> , 201, 111489	7.9	5
65	Single-molecule field effect and conductance switching driven by electric field and proton transfer.. <i>Science Advances</i> , <b>2022</b> , 8, eabm3541	14.3	5
64	Catalytic effect of (HO) <sub>n</sub> (n = 1-3) clusters on the HO + SO <sub>2</sub> → HOSO + O reaction under tropospheric conditions.. <i>RSC Advances</i> , <b>2019</b> , 9, 16195-16207	3.7	4
63	Remotely Photocontrolled Microrobots based on Photomechanical Molecular Crystals. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 27493-27498	9.5	4
62	A cellulose dissolution and encapsulation strategy to prepare carbon nanospheres with ultra-small size and high nitrogen content for the oxygen reduction reaction. <i>New Journal of Chemistry</i> , <b>2020</b> , 44, 10613-10620	3.6	4
61	A donor-acceptor type macrocycle: toward photolyzable self-assembly. <i>Chemical Communications</i> , <b>2020</b> , 56, 3939-3942	5.8	4

60	Mechanically Robust and Broadband Blackbody Composite Films Based on Self-Assembled Layered Structures. <i>Chemistry - an Asian Journal</i> , <b>2020</b> , 15, 1436-1439	4.5	4
59	Study on the fluorescence properties of micron-submicron-nano BaFBr:Eu <sup>2+</sup> phosphors. <i>New Journal of Chemistry</i> , <b>2020</b> , 44, 13118-13124	3.6	4
58	Aggregation-Dependent Photoreactive Hemicyanine Assembly as a Photobactericide. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 22552-22559	9.5	4
57	N, S Dual-Doped Carbon Derived from Dye Sludge by Using Polymeric Flocculant as Soft Template. <i>Nanomaterials</i> , <b>2019</b> , 9,	5.4	4
56	Triangular Topological 2D Covalent Organic Frameworks Constructed via Symmetric or Asymmetric "Two-in-One" Type Monomers.. <i>Advanced Science</i> , <b>2022</b> , e2105517	13.6	4
55	Fast and facile preparation of S nanoparticles by flash nanoprecipitation for lithium-sulfur batteries. <i>New Journal of Chemistry</i> , <b>2020</b> , 44, 466-471	3.6	4
54	Amphiphilic Diazapyrenes with Multiple Stimuli-Responsive Properties. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> , 13, 20698-20707	9.5	4
53	Covalently Cross-Linked and Mechanochemiluminescent Polyolefins Capable of Self-Healing and Self-Reporting. <i>CCS Chemistry</i> , <b>2021</b> , 3, 1316-1324	7.2	4
52	Pyrrole-Based Conjugated Microporous Polymers as Efficient Heterogeneous Catalysts for Knoevenagel Condensation. <i>Frontiers in Chemistry</i> , <b>2021</b> , 9, 687183	5	4
51	Semi-IPNs Reinforced with Silica Janus Nanoparticles and Their Stress Sensing with Mechanoluminescent Probe. <i>Macromolecular Rapid Communications</i> , <b>2021</b> , 42, e2000442	4.8	4
50	Mechanochromic luminescence from N,O-Chelated diphenylborinates. <i>Dyes and Pigments</i> , <b>2021</b> , 193, 109484	4.6	4
49	Quinacridone based 2D covalent organic frameworks as efficient photocatalysts for aerobic oxidative Povarov reaction. <i>Applied Catalysis B: Environmental</i> , <b>2022</b> , 312, 121406	21.8	4
48	A transplantation of subject-independent model in cross-platform BCI. <i>International Journal of Machine Learning and Cybernetics</i> , <b>2018</b> , 9, 959-967	3.8	3
47	Synthesis of (E)-Bakuchiol via a Pot-Economy Approach. <i>Chinese Journal of Chemistry</i> , <b>2014</b> , 32, 715-720	4.9	3
46	Fabrication and thermosensitive characteristics of BaCoO <sub>3</sub> ceramics for low temperature negative temperature coefficient thermistor. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2017</b> , 28, 6239-6244	2.1	3
45	Nanoporous and nonporous conjugated donor-acceptor polymer semiconductors for photocatalytic hydrogen production. <i>Beilstein Journal of Nanotechnology</i> , <b>2021</b> , 12, 607-623	3	3
44	One-Pot Synthesis of 3- to 15-Mer E-Conjugated Discrete Oligomers with Widely Tunable Optical Properties. <i>Chinese Journal of Chemistry</i> , <b>2021</b> , 39, 577-584	4.9	3
43	Facile synthesis of 3D covalent organic frameworks a two-in-one strategy. <i>Chemical Communications</i> , <b>2021</b> , 57, 2136-2139	5.8	3

42	In situ CBI activation-derived polymer@TiO <sub>2</sub> p-n heterojunction for photocatalytic hydrogen evolution. <i>Sustainable Energy and Fuels</i> ,	5.8	3
41	A Chromic and Near-Infrared Emissive Mechanophore Serving as a Versatile Force Meter in Micelle-Hydrogel Composites. <i>Advanced Optical Materials</i> , 2102552	8.1	3
40	Designed synthesis of ZnO/PEDOT core/shell hybrid nanotube arrays with enhanced electrochromic properties. <i>Surface and Interface Analysis</i> , <b>2020</b> , 52, 389-395	1.5	2
39	Preparation of mesoporous CoNiO <sub>2</sub> hexagonal nanoparticles for asymmetric supercapacitors via a hydrothermal microwave carbon bath process. <i>New Journal of Chemistry</i> , <b>2019</b> , 43, 15066-15071	3.6	2
38	Topology modulation of 2D covalent organic frameworks a "two-in-one" strategy. <i>Nanoscale</i> , <b>2021</b> , 13, 19385-19390	7.7	2
37	Mechanically Induced Bright Luminescence from 1,2-Dioxetane Containing PDMS Boosted by Fluoroboron Complex as an In-Chain Fluorophore. <i>Macromolecular Rapid Communications</i> , <b>2021</b> , 42, e2000575	4.8	2
36	Proton transport in crystalline, porous covalent organic frameworks: a NMR study. <i>Journal of Materials Chemistry A</i> , <b>2020</b> , 8, 20939-20945	13	2
35	Developing real-time mechanochromic probes for polymeric materials. <i>Chem</i> , <b>2021</b> , 7, 838-840	16.2	2
34	Thermal- and Light-driven Metathesis Reactions Between Different Diselenides. <i>Chemical Research in Chinese Universities</i> , 1	2.2	2
33	Circularly Polarized Luminescence from Chiral p-Terphenylene-Based Supramolecular Aggregates. <i>Chinese Journal of Chemistry</i> , <b>2021</b> , 39, 2095-2100	4.9	2
32	Arylamine-Linked 2D Covalent Organic Frameworks for Efficient Pseudocapacitive Energy Storage. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 20922-20927	3.6	2
31	Direct pore engineering of 2D imine covalent organic frameworks via sub-stoichiometric synthesis. <i>Science China Chemistry</i> , 1	7.9	2
30	Bischler-Napieralski Cyclization: A Versatile Reaction towards Functional Aza-PAHs and Their Conjugated Polymers. <i>Chinese Journal of Chemistry</i> , <b>2021</b> , 39, 3101	4.9	2
29	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.. <i>Journal of Colloid and Interface Science</i> , <b>2022</b> , 616, 659-667	9.3	2
28	Unraveling Ultrasonic Stress Response of Nanovesicles by the Mechanochromism of Self-Assembled Polydiacetylene.. <i>ACS Macro Letters</i> , <b>2022</b> , 11, 103-109	6.6	2
27	2D Covalent Organic Frameworks toward Efficient Photocatalytic Hydrogen Evolution. <i>ChemSusChem</i> ,	8.3	2
26	Performance Improvement for Detecting Brain Function Using fNIRS: A Multi-Distance Probe Configuration With PPL Method. <i>Frontiers in Human Neuroscience</i> , <b>2020</b> , 14, 569508	3.3	1
25	Molten salt method synthesis of multivalent cobalt and oxygen vacancy modified Nitrogen-doped MXene as highly efficient hydrogen and oxygen Evolution reaction electrocatalysts.. <i>Journal of Colloid and Interface Science</i> , <b>2022</b> , 615, 831-839	9.3	1



24	3D Cross-linked TiCT-Ca-SA films with expanded TiCT interlayer spacing as freestanding electrode for all-solid-state flexible pseudocapacitor.. <i>Journal of Colloid and Interface Science</i> , <b>2021</b> , 610, 295-303	9.3	1
23	Negative-tone molecular glass photoresist for high-resolution electron beam lithography. <i>Royal Society Open Science</i> , <b>2021</b> , 8, 202132	3.3	1
22	Diazocine as a Versatile Building Block Enables Excellent Photoswitching and Chromic Properties in Self-Assembled Organogels. <i>CCS Chemistry</i> , 883-891	7.2	1
21	EEG-controlled functional electrical stimulation rehabilitation for chronic stroke: system design and clinical application. <i>Frontiers of Medicine</i> , <b>2021</b> , 15, 740-749	12	1
20	Supramolecular Polymerization of C3-Symmetric, Triphenylene-Cored Aza-Polycyclic Aromatic Hydrocarbons with Excellent and Switchable Circularly Polarized Luminescence Performance. <i>Macromolecules</i> , <b>2021</b> , 54, 7291-7297	5.5	1
19	Optimization of Task Allocation for Collaborative Brain-Computer Interface Based on Motor Imagery. <i>Frontiers in Neuroscience</i> , <b>2021</b> , 15, 683784	5.1	1
18	Nitrogen self-doped porous carbon nanosheets derived from azo dye floccs for efficient supercapacitor electrodes. <i>Carbon Letters</i> , <b>2019</b> , 29, 455-460	2.3	1
17	Visualization of Solvent-Induced Structure Evolution in Cyclodextrin Polyrotaxane Gels.. <i>Macromolecular Rapid Communications</i> , <b>2022</b> , e2200082	4.8	1
16	Cobalt sandwich complex-based covalent organic frameworks for chemical fixation of CO <sub>2</sub> . <i>Science China Materials</i> , <b>2022</b> , 65, 1377-1382	7.1	1
15	Incorporating EEG and EMG Patterns to Evaluate BCI-Based Long-Term Motor Training. <i>IEEE Transactions on Human-Machine Systems</i> , <b>2022</b> , 1-10	4.1	1
14	Regeneration and reuse of salt-tolerant zwitterionic polymer fluids by simple salt/water system.. <i>Journal of Hazardous Materials</i> , <b>2022</b> , 427, 128203	12.8	0
13	Bioinformatics analysis of Myelin Transcription Factor 1. <i>Technology and Health Care</i> , <b>2021</b> , 29, 441-453	1.1	0
12	Columnar Liquid Crystalline Corannulenes: Synthesis, Assembly and Charge-Carrier Transport Properties. <i>Chinese Journal of Chemistry</i> , <b>2021</b> , 39, 2354-2358	4.9	0
11	Star-Shaped Cyanostilbene-Based Dyads: Synthesis, Self-Assembly and Photophysical Properties. <i>ChemNanoMat</i> , <b>2018</b> , 4, 785-789	3.5	0
10	Effects of inter-stimulus intervals on concurrent P300 and SSVEP features for hybrid brain-computer interfaces.. <i>Journal of Neuroscience Methods</i> , <b>2022</b> , 372, 109535	3	0
9	"Magnetism-Optogenetic" System for Wireless and Highly Sensitive Neuromodulation. <i>Advanced Healthcare Materials</i> , <b>2021</b> , e2102023	10.1	0
8	Flexible Broadband Light Absorbers with a Superhydrophobic Surface Fabricated by Ultraviolet-assisted Nanoimprint Lithography. <i>Chemical Research in Chinese Universities</i> , <b>2022</b> , 38, 829-833	2.2	0
7	Titelbild: A Redox-Active 2D Metal-Organic Framework for Efficient Lithium Storage with Extraordinary High Capacity (Angew. Chem. 13/2020). <i>Angewandte Chemie</i> , <b>2020</b> , 132, 5005-5005	3.6	

- 6 Rücktitelbild: Vielseitige Farbstoffsynthesen durch mehrfache Kondensationsreaktionen von Acetylanilinen mit Perylenanhydriden (Angew. Chem. 7/2015). *Angewandte Chemie*, **2015**, 127, 2322-2327<sup>3,6</sup>
- 5 Ultrathin 2D Covalent Organic Framework Film Fabricated via Langmuir-Blodgett Method with a "Two-in-One" Type Monomer. *Chemical Research in Chinese Universities*, 1<sup>2.2</sup>
- 4 Innentitelbild: Conjugated Copper-Catecholate Framework Electrodes for Efficient Energy Storage (Angew. Chem. 3/2020). *Angewandte Chemie*, **2020**, 132, 974-974<sup>3.6</sup>
- 3 Continuous Surface Strain Tuning for NiFe-Layered Double Hydroxides Using a Multi-inlet Vortex Mixer. *Industrial & Engineering Chemistry Research*, **2020**, 59, 19897-19906<sup>3.9</sup>
- 2 Rücktitelbild: Tricycloquinazoline-Based 2D Conductive Metal-Organic Frameworks as Promising Electrocatalysts for CO<sub>2</sub> Reduction (Angew. Chem. 26/2021). *Angewandte Chemie*, **2021**, 133, 14840-14840<sup>3.6</sup>
- 1 One-pot synthesis of Co<sub>x</sub>Sy nanomaterials for high-performance supercapacitors. *Journal of Materials Science: Materials in Electronics*, 1<sup>2.1</sup>