

Yulan Chen

List of Publications by Year in descending order

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284
papers

18,930
citations

13865

67
h-index

13771

129
g-index

300
all docs

300
docs citations

300
times ranked

19573
citing authors

#	ARTICLE	IF	CITATIONS
1	A three-dimensional polycyclic aromatic hydrocarbon based covalent organic framework doped with iodine for electrical conduction. Chinese Chemical Letters, 2023, 34, 107454.	9.0	6
2	Heterogeneous photocatalytic borylation of aryl iodides mediated by isorecticular 2D covalent organic frameworks. Chinese Chemical Letters, 2023, 34, 107584.	9.0	6
3	Diazocine as a Versatile Building Block Enables Excellent Photoswitching and Chromic Properties in Self-Assembled Organogels. CCS Chemistry, 2022, 4, 704-712.	7.8	5
4	Thermal- and Light-driven Metathesis Reactions Between Different Diselenides. Chemical Research in Chinese Universities, 2022, 38, 516-521.	2.6	5
5	An In Situ Film-to-Film Transformation Approach toward Highly Crystalline Covalent Organic Framework Films. CCS Chemistry, 2022, 4, 1519-1525.	7.8	25
6	NiCo ₂ S ₄ microspheres grown on N, S co-doped reduced graphene oxide as an efficient bifunctional electrocatalyst for overall water splitting in alkaline and neutral pH. Nano Research, 2022, 15, 950-958.	10.4	75
7	Direct pore engineering of 2D imine covalent organic frameworks via sub-stoichiometric synthesis. Science China Chemistry, 2022, 65, 190-196.	8.2	9
8	3D Cross-linked Ti ₃ C ₂ T _x -Ca-SA films with expanded Ti ₃ C ₂ T _x interlayer spacing as freestanding electrode for all-solid-state flexible pseudocapacitor. Journal of Colloid and Interface Science, 2022, 610, 295-303.	9.4	11
9	Regeneration and reuse of salt-tolerant zwitterionic polymer fluids by simple salt/water system. Journal of Hazardous Materials, 2022, 427, 128203.	12.4	3
10	2D Conjugated Covalent Organic Frameworks: Defined Synthesis and Tailor-Made Functions. Accounts of Chemical Research, 2022, 55, 795-808.	15.6	91
11	Mechanochemiluminescent Hydrogels for Real-Time Visualization of Chemical Bond Scission. Synlett, 2022, 33, 879-884.	1.8	6
12	EDOT-based conjugated polymers accessed via C-H direct arylation for efficient photocatalytic hydrogen production. Chemical Science, 2022, 13, 1725-1733.	7.4	58
13	Ultrathin 2D Covalent Organic Framework Film Fabricated via Langmuir-Blodgett Method with a Two-in-One-Type Monomer. Chemical Research in Chinese Universities, 2022, 38, 440-445.	2.6	1
14	Efficient separation between trivalent americium and lanthanides enabled by a phenanthroline-based polymeric organic framework. Chinese Chemical Letters, 2022, 33, 3429-3434.	9.0	18
15	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.	9.4	16
16	Triangular Topological 2D Covalent Organic Frameworks Constructed via Symmetric or Asymmetric Two-in-One-Type Monomers. Advanced Science, 2022, 9, e2105517.	11.2	12
17	Nonplanar Rhombus and Kagome 2D Covalent Organic Frameworks from Distorted Aromatics for Electrical Conduction. Journal of the American Chemical Society, 2022, 144, 5042-5050.	13.7	54
18	One-pot synthesis of Co _x S _y nanomaterials for high-performance supercapacitors. Journal of Materials Science: Materials in Electronics, 2022, 33, 10013-10020.	2.2	1

#	ARTICLE	IF	CITATIONS
19	Superhydrophilic 2D Covalent Organic Frameworks as Broadband Absorbers for Efficient Solar Steam Generation. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	57
20	A Chromic and Near-Infrared Emissive Mechanophore Serving as a Versatile Force Meter in Micelle-Hydrogel Composites. <i>Advanced Optical Materials</i> , 2022, 10, .	7.3	20
21	Single-molecule field effect and conductance switching driven by electric field and proton transfer. <i>Science Advances</i> , 2022, 8, eabm3541.	10.3	22
22	Visualization of Solvent-Induced Structure Evolution in Cyclodextrin Polyrotaxane Gels. <i>Macromolecular Rapid Communications</i> , 2022, 43, e2200082.	3.9	3
23	Effects of inter-stimulus intervals on concurrent P300 and SSVEP features for hybrid brain-computer interfaces. <i>Journal of Neuroscience Methods</i> , 2022, 372, 109535.	2.5	6
24	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> , 2022, 616, 659-667.	9.4	19
25	Size-Dependent Nonlinear Optical Properties of Gd ₂ O ₂ S:Tb ³⁺ Scintillators and Their Doped Gel Glasses. <i>Molecules</i> , 2022, 27, 85.	3.8	4
26	N-Rich 2D Heptazine Covalent Organic Frameworks as Efficient Metal-Free Photocatalysts. <i>ACS Catalysis</i> , 2022, 12, 616-623.	11.2	65
27	Unraveling Ultrasonic Stress Response of Nanovesicles by the Mechanochromism of Self-Assembled Polydiacetylene. <i>ACS Macro Letters</i> , 2022, 11, 103-109.	4.8	9
28	Cobalt sandwich complex-based covalent organic frameworks for chemical fixation of CO ₂ . <i>Science China Materials</i> , 2022, 65, 1377-1382.	6.3	10
29	Optogenetic System for Wireless and Highly Sensitive Neuromodulation. <i>Advanced Healthcare Materials</i> , 2022, 11, 2102023.	7.6	2
30	Substrate-Modulated Synthesis of Metal-Organic Hybrids by Tunable Multiple Aryl-Metal Bonds. <i>Journal of the American Chemical Society</i> , 2022, 144, 8214-8222.	13.7	24
31	Quinacridone based 2D covalent organic frameworks as efficient photocatalysts for aerobic oxidative Povarov reaction. <i>Applied Catalysis B: Environmental</i> , 2022, 312, 121406.	20.2	14
32	On-Surface Synthesis of a Nitrogen-Doped Graphene Nanoribbon with Multiple Substitutional Sites. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	13
33	Hybrid-metal hydroxyl fluoride nanosheet arrays as a bifunctional electrocatalyst for efficient overall water splitting. <i>Journal of Materials Chemistry A</i> , 2022, 10, 11774-11783.	10.3	11
34	Incorporating EEG and EMG Patterns to Evaluate BCI-Based Long-Term Motor Training. <i>IEEE Transactions on Human-Machine Systems</i> , 2022, 52, 648-657.	3.5	6
35	Metallosalphen-Based 2D Covalent Organic Frameworks with an Unprecedented <i>Topological</i> Topology via K-Shaped Two-in-One Monomers. <i>Chemistry of Materials</i> , 2022, 34, 5888-5895.	6.7	18
36	Salt-Templated Nanoarchitectonics of CoSe ₂ -NC Nanosheets as an Efficient Bifunctional Oxygen Electrocatalyst for Water Splitting. <i>International Journal of Molecular Sciences</i> , 2022, 23, 5239.	4.1	7

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37	Nickel Glyoximate Based Metal-Organic Covalent Organic Frameworks for Efficient Photocatalytic Hydrogen Evolution. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	54
38	Nickel Glyoximate Based Metal-Organic Covalent Organic Frameworks for Efficient Photocatalytic Hydrogen Evolution. <i>Angewandte Chemie</i> , 2022, 134, .	2.0	14
39	Linkages take charge. , 2022, 1, 341-343.		5
40	Flexible Broadband Light Absorbers with a Superhydrophobic Surface Fabricated by Ultraviolet-assisted Nanoimprint Lithography. <i>Chemical Research in Chinese Universities</i> , 2022, 38, 829-833.	2.6	3
41	Nanoscale Gd ₂ O ₃ :Tb Scintillators for High-Resolution Fluorescent Imaging of Cold Neutrons. <i>ACS Applied Nano Materials</i> , 2022, 5, 8440-8447.	5.0	10
42	2D Covalent Organic Frameworks Toward Efficient Photocatalytic Hydrogen Evolution. <i>ChemSusChem</i> , 2022, 15, .	6.8	35
43	2D Conductive Metal-Organic Frameworks: An Emerging Platform for Electrochemical Energy Storage. <i>Angewandte Chemie</i> , 2021, 133, 5672-5684.	2.0	45
44	Sulfonated 2D Covalent Organic Frameworks for Efficient Proton Conduction. <i>Chemistry - A European Journal</i> , 2021, 27, 3817-3822.	3.3	30
45	Semi-IPNs Reinforced with Silica Janus Nanoparticles and Their Stress Sensing with Mechanoluminescent Probe. <i>Macromolecular Rapid Communications</i> , 2021, 42, 2000442.	3.9	9
46	One-Pot Synthesis of 3-to 15-Mer β -Conjugated Discrete Oligomers with Widely Tunable Optical Properties. <i>Chinese Journal of Chemistry</i> , 2021, 39, 577-584.	4.9	12
47	Polymorphism of 2D Imine Covalent Organic Frameworks. <i>Angewandte Chemie</i> , 2021, 133, 5423-5429.	2.0	17
48	Polymorphism of 2D Imine Covalent Organic Frameworks. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 5363-5369.	13.8	67
49	Empowering self-reporting polymer blends with orthogonal optical properties responsive in a broader force range. <i>Chemical Science</i> , 2021, 12, 1245-1250.	7.4	31
50	Mechanochromic Polymers. <i>Macromolecular Rapid Communications</i> , 2021, 42, e2000685.	3.9	8
51	Facile synthesis of 3D covalent organic frameworks <i>via</i> a two-in-one strategy. <i>Chemical Communications</i> , 2021, 57, 2136-2139.	4.1	11
52	Exfoliated conjugated porous polymer nanosheets for highly efficient photocatalytic hydrogen evolution. <i>Journal of Materials Chemistry A</i> , 2021, 9, 5787-5795.	10.3	81
53	<i>In situ</i> C-H activation-derived polymer@TiO ₂ p-n heterojunction for photocatalytic hydrogen evolution. <i>Sustainable Energy and Fuels</i> , 2021, 5, 5166-5174.	4.9	11
54	Macrocycle-derived hierarchical porous organic polymers: synthesis and applications. <i>Chemical Society Reviews</i> , 2021, 50, 11684-11714.	38.1	90

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55	2D Redox-Active Covalent Organic Frameworks for Supercapacitors: Design, Synthesis, and Challenges. <i>Small</i> , 2021, 17, e2005073.	10.0	64
56	Enhanced Mechanochemiluminescence from End-Functionalized Polyurethanes with Multiple Hydrogen Bonds. <i>Macromolecules</i> , 2021, 54, 1557-1563.	4.8	23
57	Author Spotlight. <i>CCS Chemistry</i> , 2021, 3, 303-305.	7.8	0
58	Skeleton Engineering of Isostructural 2D Covalent Organic Frameworks: Orthoquinone Redox-Active Sites Enhanced Energy Storage. <i>CCS Chemistry</i> , 2021, 3, 696-706.	7.8	62
59	Donor-acceptor 2D covalent organic frameworks for efficient heterogeneous photocatalytic I_2^- -oxyamination. <i>Science China Chemistry</i> , 2021, 64, 827-833.	8.2	46
60	Bioinformatics analysis of Myelin Transcription Factor 1. <i>Technology and Health Care</i> , 2021, 29, 441-453.	1.2	3
61	Negative-tone molecular glass photoresist for high-resolution electron beam lithography. <i>Royal Society Open Science</i> , 2021, 8, 202132.	2.4	4
62	Developing real-time mechanochromic probes for polymeric materials. <i>CheM</i> , 2021, 7, 838-840.	11.7	3
63	ZnFe_2O_4 Nanoparticles for Electrochemical Determination of Trace Hg(II), Pb(II), Cu(II), and Glucose. <i>ACS Applied Nano Materials</i> , 2021, 4, 4026-4036.	5.0	48
64	Optical Waveguides in Organic Crystals of Polycyclic Arenes. <i>Advanced Optical Materials</i> , 2021, 9, 2002264.	7.3	45
65	Amphiphilic Diazapyrenes with Multiple Stimuli-Responsive Properties. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 20698-20707.	8.0	14
66	Covalently Cross-Linked and Mechanochemiluminescent Polyolefins Capable of Self-Healing and Self-Reporting. <i>CCS Chemistry</i> , 2021, 3, 1316-1324.	7.8	12
67	Tailoring Pore Structure and Morphologies in Covalent Organic Frameworks for Xe/Kr Capture and Separation. <i>Chemical Research in Chinese Universities</i> , 2021, 37, 679-685.	2.6	17
68	The effects evaluation of a long-term neurofeedback training using coupling EEG-EMG features**Research supported by the National Key Research and Development Program of China under grant 2017YFB1300302, National Natural Science Foundation of China (No. 81630051, 81925020, 62006171), and Tianjin Key Technology R&D Program (No. 17ZXRGGX00020)..., 2021, ...		0
69	$\text{R}^{\text{1/4}}$ ctitelbild: Tricycloquinazoline-Based 2D Conductive Metal-Organic Frameworks as Promising Electrocatalysts for CO_2 Reduction (<i>Angew. Chem.</i> 26/2021). <i>Angewandte Chemie</i> , 2021, 133, 14840-14840.	2.0	0
70	Pyrrole-Based Conjugated Microporous Polymers as Efficient Heterogeneous Catalysts for Knoevenagel Condensation. <i>Frontiers in Chemistry</i> , 2021, 9, 687183.	3.6	11
71	Integrating EEG and NIRS improves BCI performance during motor imagery**Research supported by the National Key Research and Development Program of China under grant 2017YFB1300302, National Natural Science Foundation of China (No. 81630051, 81925020, 62006171), and Tianjin Key Technology R&D Program (No. 17ZXRGGX00020)..., 2021, ...		1
72	Tricycloquinazoline-Based 2D Conductive Metal-Organic Frameworks as Promising Electrocatalysts for CO_2 Reduction. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 14473-14479.	13.8	130

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73	Tricycloquinazoline-Based 2D Conductive Metal-Organic Frameworks as Promising Electrocatalysts for CO ₂ Reduction. <i>Angewandte Chemie</i> , 2021, 133, 14594-14600.	2.0	12
74	Columnar Liquid Crystalline Corannulenes: Synthesis, Assembly and Charge-Carrier Transport Properties. <i>Chinese Journal of Chemistry</i> , 2021, 39, 2354-2358.	4.9	3
75	EEG-controlled functional electrical stimulation rehabilitation for chronic stroke: system design and clinical application. <i>Frontiers of Medicine</i> , 2021, 15, 740-749.	3.4	17
76	Circularly Polarized Luminescence from Chiral Terphenylene-Based Supramolecular Aggregates. <i>Chinese Journal of Chemistry</i> , 2021, 39, 2095-2100.	4.9	6
77	Donor-Acceptor Type Covalent Organic Frameworks. <i>Chemistry - A European Journal</i> , 2021, 27, 10781-10797.	3.3	90
78	Nanoporous and nonporous conjugated donor-acceptor polymer semiconductors for photocatalytic hydrogen production. <i>Beilstein Journal of Nanotechnology</i> , 2021, 12, 607-623.	2.8	9
79	Supramolecular Polymerization of C ₃ -Symmetric, Triphenylene-Cored Aza-Polycyclic Aromatic Hydrocarbons with Excellent and Switchable Circularly Polarized Luminescence Performance. <i>Macromolecules</i> , 2021, 54, 7291-7297.	4.8	3
80	Optimization of Task Allocation for Collaborative Brain-Computer Interface Based on Motor Imagery. <i>Frontiers in Neuroscience</i> , 2021, 15, 683784.	2.8	6
81	Frontispiece: Donor-Acceptor Type Covalent Organic Frameworks. <i>Chemistry - A European Journal</i> , 2021, 27, .	3.3	0
82	Arylamine-Linked 2D Covalent Organic Frameworks for Efficient Pseudocapacitive Energy Storage. <i>Angewandte Chemie</i> , 2021, 133, 20922-20927.	2.0	13
83	Arylamine-Linked 2D Covalent Organic Frameworks for Efficient Pseudocapacitive Energy Storage. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 20754-20759.	13.8	107
84	Mechanochromic luminescence from N,O-Chelated diphenylborinates. <i>Dyes and Pigments</i> , 2021, 193, 109484.	3.7	9
85	Bischler-Napieralski Cyclization: A Versatile Reaction towards Functional Aza-PAHs and Their Conjugated Polymers. <i>Chinese Journal of Chemistry</i> , 2021, 39, 3101.	4.9	10
86	Evaluation of renewable pH-responsive starch-based flocculant on treating and recycling of highly saline textile effluents. <i>Environmental Research</i> , 2021, 201, 111489.	7.5	17
87	Synthesis and electrocatalytic mechanism of ultrafine MFe ₂ O ₄ (M: Co, Ni, and) and hydrogen evolution reaction performances. <i>Journal of Materials Chemistry A</i> , 2021, 9, 22277-22290.	10.3	26
88	2D Conductive Metal-Organic Frameworks: An Emerging Platform for Electrochemical Energy Storage. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 5612-5624.	13.8	198
89	Crystalline-Amorphous Hybrid CoNi ₂ Nanowires with Enhanced Capacity and Energy Density for Aqueous Zinc-Ion Hybrid Supercapacitors. <i>ACS Applied Energy Materials</i> , 2021, 4, 12345-12352.	5.1	11
90	Mechanically Induced Bright Luminescence from 1,2-Dioxetane Containing PDMS Boosted by Fluoroboron Complex as an In-Chain Fluorophore. <i>Macromolecular Rapid Communications</i> , 2021, 42, e2000575.	3.9	7

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91	Topology modulation of 2D covalent organic frameworks via a "two-in-one" strategy. <i>Nanoscale</i> , 2021, 13, 19385-19390.	5.6	19
92	A Novel Bci Paradigm Combining Visual Imagery and Emotion: A Pilot Study. , 2021, , .		0
93	Nitrogen and sulfur co-doped porous carbon fibers film for flexible symmetric all-solid-state supercapacitors. <i>Carbon</i> , 2020, 158, 456-464.	10.3	72
94	Conjugated Copper-Catecholate Framework Electrodes for Efficient Energy Storage. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 1081-1086.	13.8	131
95	Conjugated Copper-Catecholate Framework Electrodes for Efficient Energy Storage. <i>Angewandte Chemie</i> , 2020, 132, 1097-1102.	2.0	15
96	2D Semiconducting Metal-Organic Framework Thin Films for Organic Spin Valves. <i>Angewandte Chemie</i> , 2020, 132, 1134-1139.	2.0	30
97	2D Semiconducting Metal-Organic Framework Thin Films for Organic Spin Valves. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 1118-1123.	13.8	172
98	A Redox-Active 2D Metal-Organic Framework for Efficient Lithium Storage with Extraordinary High Capacity. <i>Angewandte Chemie</i> , 2020, 132, 5311-5315.	2.0	34
99	A Redox-Active 2D Metal-Organic Framework for Efficient Lithium Storage with Extraordinary High Capacity. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 5273-5277.	13.8	189
100	Fast and facile preparation of S nanoparticles by flash nanoprecipitation for lithium-sulfur batteries. <i>New Journal of Chemistry</i> , 2020, 44, 466-471.	2.8	5
101	5,6,12,13-Tetraazaperopyrenes as Unique Photonic and Mechanochromic Fluorophores. <i>Angewandte Chemie</i> , 2020, 132, 10026-10031.	2.0	9
102	5,6,12,13-Tetraazaperopyrenes as Unique Photonic and Mechanochromic Fluorophores. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 9940-9945.	13.8	45
103	Porous organic polymers: a promising platform for efficient photocatalysis. <i>Materials Chemistry Frontiers</i> , 2020, 4, 332-353.	5.9	256
104	Innentitelbild: Conjugated Copper-Catecholate Framework Electrodes for Efficient Energy Storage (<i>Angew. Chem.</i> 3/2020). <i>Angewandte Chemie</i> , 2020, 132, 974-974.	2.0	0
105	Diselenide-Linked Polymers under Sonication. <i>ACS Macro Letters</i> , 2020, 9, 1547-1551.	4.8	18
106	The Feasibility of Longitudinal Upper Extremity Motor Function Assessment Using EEG. <i>Sensors</i> , 2020, 20, 5487.	3.8	2
107	High-Voltage Rechargeable Alkali-Acid Zn-Pb ₂ Hybrid Battery. <i>Angewandte Chemie</i> , 2020, 132, 23799-23803.	2.0	16
108	Modulating Benzothiadiazole-Based Covalent Organic Frameworks via Halogenation for Enhanced Photocatalytic Water Splitting. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 16902-16909.	13.8	293

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109	Modulating Benzothiadiazole-Based Covalent Organic Frameworks via Halogenation for Enhanced Photocatalytic Water Splitting. <i>Angewandte Chemie</i> , 2020, 132, 17050-17057.	2.0	66
110	2D conductive metal-organic frameworks for electronics and spintronics. <i>Science China Chemistry</i> , 2020, 63, 1391-1401.	8.2	35
111	Continuous Surface Strain Tuning for NiFe-Layered Double Hydroxides Using a Multi-inlet Vortex Mixer. <i>Industrial & Engineering Chemistry Research</i> , 2020, 59, 19897-19906.	3.7	0
112	Frontispiz: Modulating Benzothiadiazole-Based Covalent Organic Frameworks via Halogenation for Enhanced Photocatalytic Water Splitting. <i>Angewandte Chemie</i> , 2020, 132, .	2.0	0
113	High-Voltage Rechargeable Alkali-Acid Zn-PbO ₂ Hybrid Battery. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 23593-23597.	13.8	44
114	Proton transport in crystalline, porous covalent organic frameworks: a NMR study. <i>Journal of Materials Chemistry A</i> , 2020, 8, 20939-20945.	10.3	2
115	Frontispiece: Modulating Benzothiadiazole-Based Covalent Organic Frameworks via Halogenation for Enhanced Photocatalytic Water Splitting. <i>Angewandte Chemie - International Edition</i> , 2020, 59, .	13.8	1
116	Performance Improvement for Detecting Brain Function Using fNIRS: A Multi-Distance Probe Configuration With PPL Method. <i>Frontiers in Human Neuroscience</i> , 2020, 14, 569508.	2.0	4
117	Synthesis of Co _{2-x} Ni _x O ₂ (0 < x < 1.0) hexagonal nanostructures as efficient bifunctional electrocatalysts for overall water splitting. <i>Dalton Transactions</i> , 2020, 49, 6587-6595.	3.3	20
118	Substrate-Controlled Synthesis of 5-Armchair Graphene Nanoribbons. <i>Journal of Physical Chemistry C</i> , 2020, 124, 11422-11427.	3.1	15
119	Remotely Photocontrolled Microrobots based on Photomechanical Molecular Crystals. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 27493-27498.	8.0	14
120	New synthetic strategies toward covalent organic frameworks. <i>Chemical Society Reviews</i> , 2020, 49, 2852-2868.	38.1	394
121	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> , 2020, 44, 10613-10620.	2.8	7
122	In Situ Formation of NiAl-Layered Double Hydroxide with a Tunable Interlayer Spacing in a Confined Impinging Jet Microreactor. <i>Energy & Fuels</i> , 2020, 34, 8939-8946.	5.1	9
123	A donor-acceptor type macrocycle: toward photolyzable self-assembly. <i>Chemical Communications</i> , 2020, 56, 3939-3942.	4.1	5
124	Mechanically Robust and Broadband Blackbody Composite Films Based on Self-Assembled Layered Structures. <i>Chemistry - an Asian Journal</i> , 2020, 15, 1436-1439.	3.3	4
125	Visualized Bond Scission in Mechanochemiluminescent Polymethyl Acrylate/Cellulose Nanocrystals Composites. <i>ACS Macro Letters</i> , 2020, 9, 438-442.	4.8	25
126	Study on the fluorescence properties of micron-submicron-nano BaFBr:Eu ²⁺ phosphors. <i>New Journal of Chemistry</i> , 2020, 44, 13118-13124.	2.8	7

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127	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.	2.0	0
128	Docking Site Modulation of Isostructural Covalent Organic Frameworks for CO ₂ Fixation. Chemistry - A European Journal, 2020, 26, 4510-4514.	3.3	37
129	Achieving an unprecedented hydrogen evolution rate by solvent-exfoliated CPP-based photocatalysts. Journal of Materials Chemistry A, 2020, 8, 5890-5899.	10.3	72
130	Designed synthesis of ZnO/PEDOT core/shell hybrid nanotube arrays with enhanced electrochromic properties. Surface and Interface Analysis, 2020, 52, 389-395.	1.8	6
131	Sensitized Mechanoluminescence Design toward Mechanically Induced Intense Red Emission from Transparent Polymer Films. Macromolecules, 2020, 53, 905-912.	4.8	24
132	An optomechanical study of mechanoluminescent elastomeric polyurethanes with different hard segments. Polymer Chemistry, 2020, 11, 1877-1884.	3.9	20
133	An Upgraded "Two-in-One" Strategy toward Highly Crystalline Covalent Organic Frameworks. Chemistry - A European Journal, 2020, 26, 8377-8381.	3.3	22
134	Aggregation-Dependent Photoreactive Hemicyanine Assembly as a Photobactericide. ACS Applied Materials & Interfaces, 2020, 12, 22552-22559.	8.0	13
135	Snapshots of Life's Early Career Materials Scientists Managing in the Midst of a Pandemic. Chemistry of Materials, 2020, 32, 3673-3677.	6.7	5
136	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.	8.0	88
137	2D covalent organic framework thin films via interfacial self-polycondensation of an A ₂ B ₂ type monomer. Chemical Communications, 2020, 56, 3253-3256.	4.1	43
138	Tuning the Photophysical Properties of Symmetric Squarylium Dyes: Investigation on the Halogen Modulation Effects. Chemistry - A European Journal, 2019, 25, 469-473.	3.3	25
139	Brønsted acid mediated covalent organic framework membranes for efficient molecular separation. Journal of Materials Chemistry A, 2019, 7, 20317-20324.	10.3	58
140	Flocculant-Assisted Synthesis of Graphene-Like Carbon Nanosheets for Oxygen Reduction Reaction and Supercapacitor. Nanomaterials, 2019, 9, 1135.	4.1	10
141	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.	13.7	167
142	Stable 2D Heteroporous Covalent Organic Frameworks for Efficient Ionic Conduction. Angewandte Chemie - International Edition, 2019, 58, 15742-15746.	13.8	121
143	Stable 2D Heteroporous Covalent Organic Frameworks for Efficient Ionic Conduction. Angewandte Chemie, 2019, 131, 15889-15893.	2.0	22
144	Preparation of mesoporous CoNiO ₂ hexagonal nanoparticles for asymmetric supercapacitors via a hydrothermal microwave carbon bath process. New Journal of Chemistry, 2019, 43, 15066-15071.	2.8	4

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147	Fluorescent BF ₂ complexes of pyridyl-isoindoline-1-ones: synthesis, characterization and their distinct response to mechanical force. <i>Dalton Transactions</i> , 2019, 48, 14626-14631.	3.3	6
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281	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> , 2009, 131, 7287-7292.	13.7	79
282	Hierarchical Supramolecular Self-Assembly of Nanotubes and Layered Sheets. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 6015-6018.	13.8	72
283	Superhydrophilic 2D Covalent Organic Frameworks as Broadband Absorbers for Efficient Solar Steam Generation. <i>Angewandte Chemie</i> , 0, , .	2.0	4
284	On-surface Synthesis of Nitrogen-doped Graphene Nanoribbon with Multiple Substitutional Sites. <i>Angewandte Chemie</i> , 0, , .	2.0	0