

# Donglin Jiang

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

170 papers	26,088 citations	83 h-index	161 g-index
179 ext. papers	30,378 ext. citations	13 avg, IF	7.65 L-index

#	Paper	IF	Citations
170	Covalent organic frameworks. <i>Chemical Society Reviews</i> , <b>2012</b> , 41, 6010-22	58.5	1910
169	Conjugated microporous polymers: design, synthesis and application. <i>Chemical Society Reviews</i> , <b>2013</b> , 42, 8012-31	58.5	1242
168	Covalent organic frameworks: a materials platform for structural and functional designs. <i>Nature Reviews Materials</i> , <b>2016</b> , 1,	73.3	959
167	Stable, crystalline, porous, covalent organic frameworks as a platform for chiral organocatalysts. <i>Nature Chemistry</i> , <b>2015</b> , 7, 905-12	17.6	859
166	Covalent Organic Frameworks: Design, Synthesis, and Functions. <i>Chemical Reviews</i> , <b>2020</b> , 120, 8814-8933	38.1	824
165	A belt-shaped, blue luminescent, and semiconducting covalent organic framework. <i>Angewandte Chemie - International Edition</i> , <b>2008</b> , 47, 8826-30	16.4	637
164	Two-dimensional sp carbon-conjugated covalent organic frameworks. <i>Science</i> , <b>2017</b> , 357, 673-676	33.3	543
163	An azine-linked covalent organic framework. <i>Journal of the American Chemical Society</i> , <b>2013</b> , 135, 17310-17	16.4	526
162	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
161	Photoisomerization in dendrimers by harvesting of low-energy photons. <i>Nature</i> , <b>1997</b> , 388, 454-456	50.4	472
160	Proton conduction in crystalline and porous covalent organic frameworks. <i>Nature Materials</i> , <b>2016</b> , 15, 722-6	27	461
159	A photoconductive covalent organic framework: self-condensed arene cubes composed of eclipsed 2D polypyrene sheets for photocurrent generation. <i>Angewandte Chemie - International Edition</i> , <b>2009</b> , 48, 5439-42	16.4	460
158	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
157	Two-dimensional covalent organic frameworks for carbon dioxide capture through channel-wall functionalization. <i>Angewandte Chemie - International Edition</i> , <b>2015</b> , 54, 2986-90	16.4	441
156	Supercapacitive energy storage and electric power supply using an aza-fused conjugated microporous framework. <i>Angewandte Chemie - International Edition</i> , <b>2011</b> , 50, 8753-7	16.4	427
155	Conjugated organic framework with three-dimensionally ordered stable structure and delocalized clouds. <i>Nature Communications</i> , <b>2013</b> , 4, 2736	17.4	404
154	Synthesis of metallophthalocyanine covalent organic frameworks that exhibit high carrier mobility and photoconductivity. <i>Angewandte Chemie - International Edition</i> , <b>2011</b> , 50, 1289-93	16.4	391

153	Conjugated microporous polymers as molecular sensing devices: microporous architecture enables rapid response and enhances sensitivity in fluorescence-on and fluorescence-off sensing. <i>Journal of the American Chemical Society</i> , <b>2012</b> , 134, 8738-41	16.4	388
152	Highly Emissive Covalent Organic Frameworks. <i>Journal of the American Chemical Society</i> , <b>2016</b> , 138, 5797-800	16.4	373
151	Stable Covalent Organic Frameworks for Exceptional Mercury Removal from Aqueous Solutions. <i>Journal of the American Chemical Society</i> , <b>2017</b> , 139, 2428-2434	16.4	369
150	Pore surface engineering in covalent organic frameworks. <i>Nature Communications</i> , <b>2011</b> , 2, 536	17.4	307
149	High-rate charge-carrier transport in porphyrin covalent organic frameworks: switching from hole to electron to ambipolar conduction. <i>Angewandte Chemie - International Edition</i> , <b>2012</b> , 51, 2618-22	16.4	291
148	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
147	Radical covalent organic frameworks: a general strategy to immobilize open-accessible polyradicals for high-performance capacitive energy storage. <i>Angewandte Chemie - International Edition</i> , <b>2015</b> , 54, 6814-8	16.4	283
146	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
145	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
144	A Blue-Luminescent Dendritic Rod: Poly(phenyleneethynylene) within a Light-Harvesting Dendritic Envelope. <i>Journal of the American Chemical Society</i> , <b>1999</b> , 121, 10658-10659	16.4	267
143	Tailor-Made Pore Surface Engineering in Covalent Organic Frameworks: Systematic Functionalization for Performance Screening. <i>Journal of the American Chemical Society</i> , <b>2015</b> , 137, 7079-82	16.4	264
142	Morphology-Dependent Photochemical Events in Aryl Ether Dendrimer Porphyrins: Cooperation of Dendron Subunits for Singlet Energy Transduction. <i>Journal of the American Chemical Society</i> , <b>1998</b> , 120, 10895-10901	16.4	255
141	Catalytic covalent organic frameworks via pore surface engineering. <i>Chemical Communications</i> , <b>2014</b> , 50, 1292-4	5.8	243
140	Electrochemically active, crystalline, mesoporous covalent organic frameworks on carbon nanotubes for synergistic lithium-ion battery energy storage. <i>Scientific Reports</i> , <b>2015</b> , 5, 8225	4.9	243
139	Locking covalent organic frameworks with hydrogen bonds: general and remarkable effects on crystalline structure, physical properties, and photochemical activity. <i>Journal of the American Chemical Society</i> , <b>2015</b> , 137, 3241-7	16.4	238
138	A squaraine-linked mesoporous covalent organic framework. <i>Angewandte Chemie - International Edition</i> , <b>2013</b> , 52, 3770-4	16.4	234
137	Controlled synthesis of conjugated microporous polymer films: versatile platforms for highly sensitive and label-free chemo- and biosensing. <i>Angewandte Chemie - International Edition</i> , <b>2014</b> , 53, 4850-5	16.4	229
136	2D sp <sup>2</sup> Carbon-Conjugated Covalent Organic Frameworks for Photocatalytic Hydrogen Production from Water. <i>CheM</i> , <b>2019</b> , 5, 1632-1647	16.2	226

135	Covalent Organic Frameworks: Chemical Approaches to Designer Structures and Built-In Functions. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 5050-5091	16.4	224
134	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
133	Charge dynamics in a donor-acceptor covalent organic framework with periodically ordered bicontinuous heterojunctions. <i>Angewandte Chemie - International Edition</i> , <b>2013</b> , 52, 2017-21	16.4	217
132	Designed synthesis of stable light-emitting two-dimensional sp carbon-conjugated covalent organic frameworks. <i>Nature Communications</i> , <b>2018</b> , 9, 4143	17.4	199
131	Control of crystallinity and porosity of covalent organic frameworks by managing interlayer interactions based on self-complementary Electronic force. <i>Journal of the American Chemical Society</i> , <b>2013</b> , 135, 546-9	16.4	189
130	Rational design of crystalline supermicroporous covalent organic frameworks with triangular topologies. <i>Nature Communications</i> , <b>2015</b> , 6, 7786	17.4	185
129	Redox-active conjugated microporous polymers: a new organic platform for highly efficient energy storage. <i>Chemical Communications</i> , <b>2014</b> , 50, 4788-90	5.8	183
128	New synthetic strategies toward covalent organic frameworks. <i>Chemical Society Reviews</i> , <b>2020</b> , 49, 2852-2868	17.4	180
127	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
126	Ion Conduction in Polyelectrolyte Covalent Organic Frameworks. <i>Journal of the American Chemical Society</i> , <b>2018</b> , 140, 7429-7432	16.4	169
125	Dendritic Physical Gel: Hierarchical Self-Organization of a Peptide-Core Dendrimer to Form a Micrometer-Scale Fibrous Assembly. <i>Journal of the American Chemical Society</i> , <b>2000</b> , 122, 3232-3233	16.4	168
124	Ionic Covalent Organic Frameworks: Design of a Charged Interface Aligned on 1D Channel Walls and Its Unusual Electrostatic Functions. <i>Angewandte Chemie - International Edition</i> , <b>2017</b> , 56, 4982-4986	16.4	166
123	Exceptional Iodine Capture in 2D Covalent Organic Frameworks. <i>Advanced Materials</i> , <b>2018</b> , 30, e1801991	16.4	165
122	Iodine capture in porous organic polymers and metal-organic frameworks materials. <i>Materials Horizons</i> , <b>2019</b> , 6, 1571-1595	14.4	164
121	A Belt-Shaped, Blue Luminescent, and Semiconducting Covalent Organic Framework. <i>Angewandte Chemie</i> , <b>2008</b> , 120, 8958-8962	3.6	164
120	Creation of Superheterojunction Polymers via Direct Polycondensation: Segregated and Bicontinuous Donor-Acceptor $\pi$ -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
119	A 3D Covalent Organic Framework with Exceptionally High Iodine Capture Capability. <i>Chemistry - A European Journal</i> , <b>2018</b> , 24, 585-589	4.8	151
118	$\pi$ -Conjugated Microporous Polymer Films: Designed Synthesis, Conducting Properties, and Photoenergy Conversions. <i>Angewandte Chemie - International Edition</i> , <b>2015</b> , 54, 13594-8	16.4	151

117	A Photoresponsive Smart Covalent Organic Framework. <i>Angewandte Chemie - International Edition</i> , <b>2015</b> , 54, 8704-7	16.4	151
116	Polyion complex micelles entrapping cationic dendrimer porphyrin: effective photosensitizer for photodynamic therapy of cancer. <i>Journal of Controlled Release</i> , <b>2003</b> , 93, 141-50	11.7	149
115	Multiple-component covalent organic frameworks. <i>Nature Communications</i> , <b>2016</b> , 7, 12325	17.4	147
114	Light-harvesting ionic dendrimer porphyrins as new photosensitizers for photodynamic therapy. <i>Bioconjugate Chemistry</i> , <b>2003</b> , 14, 58-66	6.3	146
113	Covalent organic frameworks: an ideal platform for designing ordered materials and advanced applications. <i>Chemical Society Reviews</i> , <b>2021</b> , 50, 120-242	58.5	144
112	Aryl Ether Dendrimers with an Interior Metalloporphyrin Functionality as a Spectroscopic Probe: Interpenetrating Interaction with Dendritic Imidazoles. <i>Macromolecules</i> , <b>1996</b> , 29, 5236-5238	5.5	139
111	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
110	Supramolecular nanocarrier of anionic dendrimer porphyrins with cationic block copolymers modified with polyethylene glycol to enhance intracellular photodynamic efficacy. <i>Angewandte Chemie - International Edition</i> , <b>2005</b> , 44, 419-23	16.4	126
109	Light-Emitting Covalent Organic Frameworks: Fluorescence Improving via Pinpoint Surgery and Selective Switch-On Sensing of Anions. <i>Journal of the American Chemical Society</i> , <b>2018</b> , 140, 12374-12377	16.4	126
108	Photosensitized hydrogen evolution from water using conjugated polymers wrapped in dendrimeric electrolytes. <i>Journal of the American Chemical Society</i> , <b>2004</b> , 126, 12084-9	16.4	124
107	Core-shell conjugated microporous polymers: a new strategy for exploring color-tunable and -controllable light emissions. <i>Chemical Communications</i> , <b>2013</b> , 49, 1591-3	5.8	122
106	Design of Highly Photofunctional Porous Polymer Films with Controlled Thickness and Prominent Microporosity. <i>Angewandte Chemie - International Edition</i> , <b>2015</b> , 54, 11540-4	16.4	120
105	Supercapacitive Energy Storage and Electric Power Supply Using an Aza-Fused $\pi$ -Conjugated Microporous Framework. <i>Angewandte Chemie</i> , <b>2011</b> , 123, 8912-8916	3.6	113
104	Two-Dimensional Covalent Organic Frameworks for Carbon Dioxide Capture through Channel-Wall Functionalization. <i>Angewandte Chemie</i> , <b>2015</b> , 127, 3029-3033	3.6	111
103	Conducting metallophthalocyanine 2D covalent organic frameworks: the role of central metals in controlling electronic functions. <i>Chemical Communications</i> , <b>2012</b> , 48, 8952-4	5.8	110
102	Two-dimensional tetrathiafulvalene covalent organic frameworks: towards latticed conductive organic salts. <i>Chemistry - A European Journal</i> , <b>2014</b> , 20, 14608-13	4.8	109
101	Switching of spin states triggered by a phase transition: spin-crossover properties of self-assembled iron(II) complexes with alkyl-tethered triazole ligands. <i>Journal of the American Chemical Society</i> , <b>2003</b> , 125, 14690-1	16.4	109
100	Construction of segregated arrays of multiple donor and acceptor units using a dendritic scaffold: remarkable dendrimer effects on photoinduced charge separation. <i>Journal of the American Chemical Society</i> , <b>2006</b> , 128, 10527-32	16.4	108

99	Template Conversion of Covalent Organic Frameworks into 2D Conducting Nanocarbons for Catalyzing Oxygen Reduction Reaction. <i>Advanced Materials</i> , <b>2018</b> , 30, e1706330	24	105
98	A dendritic iron porphyrin as a novel haemoprotein mimic: effects of the dendrimer cage on dioxygen-binding activity. <i>Chemical Communications</i> , <b>1996</b> , 1523	5.8	105
97	Large pore donor-acceptor covalent organic frameworks. <i>Chemical Science</i> , <b>2013</b> , 4, 4505	9.4	100
96	Towards covalent organic frameworks with predesignable and aligned open docking sites. <i>Chemical Communications</i> , <b>2014</b> , 50, 6161-3	5.8	99
95	Polyion Complex Micelles Encapsulating Light-Harvesting Ionic Dendrimer Zinc Porphyrins. <i>Langmuir</i> , <b>2000</b> , 16, 8182-8188	4	97
94	Covalent Organic Frameworks for Heterogeneous Catalysis: Principle, Current Status, and Challenges. <i>ACS Central Science</i> , <b>2020</b> , 6, 869-879	16.8	95
93	Porous Organic Polymer Films with Tunable Work Functions and Selective Hole and Electron Flows for Energy Conversions. <i>Angewandte Chemie - International Edition</i> , <b>2016</b> , 55, 3049-53	16.4	95
92	A Photoconductive Covalent Organic Framework: Self-Condensed Arene Cubes Composed of Eclipsed 2D Polypyrene Sheets for Photocurrent Generation. <i>Angewandte Chemie</i> , <b>2009</b> , 121, 5547-5550 <sup>3.6</sup>	3.6	90
91	A Stable and Conductive Metallophthalocyanine Framework for Electrocatalytic Carbon Dioxide Reduction in Water. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 16587-16593	16.4	89
90	High-Rate Charge-Carrier Transport in Porphyrin Covalent Organic Frameworks: Switching from Hole to Electron to Ambipolar Conduction. <i>Angewandte Chemie</i> , <b>2012</b> , 124, 2672-2676	3.6	86
89	Luminescent Porous Polymers Based on Aggregation-Induced Mechanism: Design, Synthesis and Functions. <i>Small</i> , <b>2016</b> , 12, 6513-6527	11	84
88	A Electronic covalent organic framework catalyst: Walls as catalytic beds for Diels-Alder reactions under ambient conditions. <i>Chemical Communications</i> , <b>2015</b> , 51, 10096-8	5.8	83
87	Cooperativity in chiroptical sensing with dendritic zinc porphyrins. <i>Journal of the American Chemical Society</i> , <b>2005</b> , 127, 7700-2	16.4	83
86	Hydrothermal treatment to prepare hydroxyl group modified multi-walled carbon nanotubes. <i>Journal of Materials Chemistry</i> , <b>2008</b> , 18, 350-354		82
85	Designed synthesis of double-stage two-dimensional covalent organic frameworks. <i>Scientific Reports</i> , <b>2015</b> , 5, 14650	4.9	81
84	Systematic Engineering of Single Substitution in Zirconium Metal-Organic Frameworks toward High-Performance Catalysis. <i>Journal of the American Chemical Society</i> , <b>2017</b> , 139, 18590-18597	16.4	80
83	Energy-storage covalent organic frameworks: improving performance engineering polysulfide chains on walls. <i>Chemical Science</i> , <b>2019</b> , 10, 6001-6006	9.4	76
82	Super absorbent conjugated microporous polymers: a synergistic structural effect on the exceptional uptake of amines. <i>Chemical Communications</i> , <b>2013</b> , 49, 3233-5	5.8	76



81	Bioinspired molecular design of functional dendrimers. <i>Progress in Polymer Science</i> , <b>2005</b> , 30, 403-422	29.6	74
80	A backbone design principle for covalent organic frameworks: the impact of weakly interacting units on CO adsorption. <i>Chemical Communications</i> , <b>2017</b> , 53, 4242-4245	5.8	73
79	Spin-crossover physical gels: a quick thermoreversible response assisted by dynamic self-organization. <i>Chemistry - an Asian Journal</i> , <b>2007</b> , 2, 106-13	4.5	72
78	Radical Covalent Organic Frameworks: A General Strategy to Immobilize Open-Accessible Polyradicals for High-Performance Capacitive Energy Storage. <i>Angewandte Chemie</i> , <b>2015</b> , 127, 6918-6922	3.6	70
77	Synthesis of Metallophthalocyanine Covalent Organic Frameworks That Exhibit High Carrier Mobility and Photoconductivity. <i>Angewandte Chemie</i> , <b>2011</b> , 123, 1325-1329	3.6	68
76	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
75	Photoluminescence properties of discrete conjugated wires wrapped within dendrimeric envelopes: "dendrimer effects" on pi-electronic conjugation. <i>Angewandte Chemie - International Edition</i> , <b>2004</b> , 43, 2943-7	16.4	66
74	Bicarbazole-based redox-active covalent organic frameworks for ultrahigh-performance energy storage. <i>Chemical Communications</i> , <b>2017</b> , 53, 11334-11337	5.8	63
73	Covalent Organic Frameworks: Pore Design and Interface Engineering. <i>Accounts of Chemical Research</i> , <b>2020</b> , 53, 1672-1685	24.3	63
72	Confining HPO network in covalent organic frameworks enables proton super flow. <i>Nature Communications</i> , <b>2020</b> , 11, 1981	17.4	62
71	Star-shaped two-dimensional covalent organic frameworks. <i>CrystEngComm</i> , <b>2013</b> , 15, 1508-1511	3.3	62
70	Spin-crossover dendrimers: generation number-dependent cooperativity for thermal spin transition. <i>Journal of the American Chemical Society</i> , <b>2005</b> , 127, 5484-9	16.4	59
69	pH-sensitive Assembly of Light-Harvesting Dendrimer Zinc Porphyrin Bearing Peripheral Groups of Primary Amine with Poly(ethylene glycol)-b-poly(aspartic acid) in Aqueous Solution. <i>Macromolecules</i> , <b>2003</b> , 36, 1304-1309	5.5	55
68	A new approach to light-harvesting with dendritic antenna. <i>Thin Solid Films</i> , <b>1998</b> , 331, 254-258	2.2	54
67	Designing Covalent Organic Frameworks with a Tailored Ionic Interface for Ion Transport across One-Dimensional Channels. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 4557-4563	16.4	54
66	Controlled Synthesis of Conjugated Microporous Polymer Films: Versatile Platforms for Highly Sensitive and Label-Free Chemo- and Biosensing. <i>Angewandte Chemie</i> , <b>2014</b> , 126, 4950-4955	3.6	51
65	Relationship between incoherent excitation energy migration processes and molecular structures in zinc(II) porphyrin dendrimers. <i>Chemistry - A European Journal</i> , <b>2006</b> , 12, 7576-84	4.8	51
64	Charge Dynamics in A Donor-Acceptor Covalent Organic Framework with Periodically Ordered Bicontinuous Heterojunctions. <i>Angewandte Chemie</i> , <b>2013</b> , 125, 2071-2075	3.6	46

63	Repetitive Contraction and Swelling Behavior of Gel-like Wire-type Dendrimer Assemblies in Solution Layer by Photon Pressure of a Focused Near-infrared Laser Beam. <i>Journal of Physical Chemistry B</i> , <b>2002</b> , 106, 905-909	3.4	46
62	A Squaraine-Linked Mesoporous Covalent Organic Framework. <i>Angewandte Chemie</i> , <b>2013</b> , 125, 3858-3862	3.6	45
61	Synthesis of magnetic microspheres with controllable structure via polymerization-triggered self-positioning of nanocrystals. <i>Small</i> , <b>2007</b> , 3, 1811-7	11	42
60	High-performance heterogeneous catalysis with surface-exposed stable metal nanoparticles. <i>Scientific Reports</i> , <b>2014</b> , 4, 7228	4.9	41
59	Single-molecule study on intermolecular interaction between C60 and porphyrin derivatives: toward understanding the strength of the multivalency. <i>Langmuir</i> , <b>2009</b> , 25, 6627-32	4	41
58	Engineering Covalent Organic Frameworks for Light-Driven Hydrogen Production from Water <b>2019</b> , 1, 203-208		40
57	Covalent organic frameworks: Crossing the channel. <i>Nature Chemistry</i> , <b>2014</b> , 6, 564-6	17.6	40
56	Conjugated Microporous Polymer Films: Designed Synthesis, Conducting Properties, and Photoenergy Conversions. <i>Angewandte Chemie</i> , <b>2015</b> , 127, 13798-13802	3.6	40
55	Covalent Organic Frameworks: An Amazing Chemistry Platform for Designing Polymers. <i>Chem</i> , <b>2020</b> , 6, 2461-2483	16.2	39
54	Pyrolysis of covalent organic frameworks: a general strategy for template converting conventional skeletons into conducting microporous carbons for high-performance energy storage. <i>Chemical Communications</i> , <b>2017</b> , 53, 11690-11693	5.8	38
53	A Photoresponsive Smart Covalent Organic Framework. <i>Angewandte Chemie</i> , <b>2015</b> , 127, 8828-8831	3.6	36
52	Cascade exciton-pumping engines with manipulated speed and efficiency in light-harvesting porous network films. <i>Scientific Reports</i> , <b>2015</b> , 5, 8867	4.9	35
51	Covalent organic frameworks: Polymer chemistry and functional design. <i>Progress in Polymer Science</i> , <b>2020</b> , 108, 101288	29.6	35
50	Kovalente organische Gerüstverbindungen: chemische Ansätze für Designerstrukturen und integrierte Funktionen. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 5086-5129	3.6	35
49	Topology-Templated Synthesis of Crystalline Porous Covalent Organic Frameworks. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 12162-12169	16.4	34
48	Fluorescent Doughnut-Like Assembling of Wire-Type Dendrimers Depending on Their Generation Numbers and Degrees of Polymerization. <i>Journal of Physical Chemistry B</i> , <b>2001</b> , 105, 2885-2889	3.4	33
47	Energy funneling of IR photons captured by dendritic antennae and acceptor mode specificity: anti-stokes resonance raman studies on iron(III) porphyrin complexes with a poly(aryl ether) dendrimer framework. <i>Journal of the American Chemical Society</i> , <b>2005</b> , 127, 10020-7	16.4	31
46	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



45	Structural insights into the functional origin of conjugated microporous polymers: geometry-management of porosity and electronic properties. <i>Chemical Communications</i> , <b>2014</b> , 50, 2781-2788	5.8	29
44	Fluorescence Spectroscopic Properties and Single Aggregate Structures of $\pi$ -Conjugated Wire-Type Dendrimers. <i>Journal of Physical Chemistry B</i> , <b>2003</b> , 107, 2471-2479	3.4	29
43	A 2D Conductive Organic-Inorganic Hybrid with Extraordinary Volumetric Capacitance at Minimal Swelling. <i>Advanced Materials</i> , <b>2018</b> , 30, e1800400	24	27
42	Ionic Covalent Organic Frameworks: Design of a Charged Interface Aligned on 1D Channel Walls and Its Unusual Electrostatic Functions. <i>Angewandte Chemie</i> , <b>2017</b> , 129, 5064-5068	3.6	26
41	High-Precision Size Recognition and Separation in Synthetic 1D Nanochannels. <i>Angewandte Chemie - International Edition</i> , <b>2019</b> , 58, 15922-15927	16.4	24
40	Morphological Dependence of Radiative and Nonradiative Relaxation Energy Balance in Photoexcited Aryl Ether Dendrimers as Observed by Fluorescent and Thermal Lens Spectroscopies. <i>Journal of Physical Chemistry B</i> , <b>2001</b> , 105, 4441-4445	3.4	24
39	Polymorphism of 2D Imine Covalent Organic Frameworks. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 5363-5369	16.4	23
38	Porous Organic Polymer Films with Tunable Work Functions and Selective Hole and Electron Flows for Energy Conversions. <i>Angewandte Chemie</i> , <b>2016</b> , 128, 3101-3105	3.6	22
37	Design of Highly Photofunctional Porous Polymer Films with Controlled Thickness and Prominent Microporosity. <i>Angewandte Chemie</i> , <b>2015</b> , 127, 11702-11706	3.6	21
36	Covalent organic frameworks with spatially confined guest molecules in nanochannels and their impacts on crystalline structures. <i>Chemical Communications</i> , <b>2016</b> , 52, 1498-500	5.8	20
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