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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.

90 papers	5,176 citations	38 h-index	71 g-index
97 ext. papers	6,040 ext. citations	7.5 avg, IF	5.7 L-index

#	Paper	IF	Citations
90	Direct imprinting of microcircuits on graphene oxides film by femtosecond laser reduction. <i>Nano Today</i> , 2010 , 5, 15-20	17.9	393
89	Designable 3D nanofabrication by femtosecond laser direct writing. <i>Nano Today</i> , 2010 , 5, 435-448	17.9	377
88	Recent developments in superhydrophobic surfaces with unique structural and functional properties. <i>Soft Matter</i> , 2012 , 8, 11217	3.6	295
87	A 2D azine-linked covalent organic framework for gas storage applications. <i>Chemical Communications</i> , 2014 , 50, 13825-8	5.8	264
86	A robust and luminescent covalent organic framework as a highly sensitive and selective sensor for the detection of Cu(2+) ions. <i>Chemical Communications</i> , 2016 , 52, 6613-6	5.8	243
85	Photoreduction of Graphene Oxides: Methods, Properties, and Applications. <i>Advanced Optical Materials</i> , 2014 , 2, 10-28	8.1	191
84	Ferrofluids for fabrication of remotely controllable micro-nanomachines by two-photon polymerization. <i>Advanced Materials</i> , 2010 , 22, 3204-7	24	178
83	Moisture-responsive graphene paper prepared by self-controlled photoreduction. <i>Advanced Materials</i> , 2015 , 27, 332-8	24	176
82	Covalent organic frameworks: efficient, metal-free, heterogeneous organocatalysts for chemical fixation of CO ₂ under mild conditions. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 374-382	13	169
81	Highly efficient and reversible iodine capture using a metalloporphyrin-based conjugated microporous polymer. <i>Chemical Communications</i> , 2014 , 50, 8495-8	5.8	162
80	Monolayer II-VI semiconductors: A first-principles prediction. <i>Physical Review B</i> , 2015 , 92,	3.3	160
79	Fabrication and multifunction integration of microfluidic chips by femtosecond laser direct writing. <i>Lab on A Chip</i> , 2013 , 13, 1677-90	7.2	136
78	Covalent organic frameworks as metal-free heterogeneous photocatalysts for organic transformations. <i>Journal of Materials Chemistry A</i> , 2017 , 5, 22933-22938	13	124
77	Gas uptake, molecular sensing and organocatalytic performances of a multifunctional carbazole-based conjugated microporous polymer. <i>Journal of Materials Chemistry A</i> , 2014 , 2, 13422-13430	13	121
76	Covalent organic framework as an efficient, metal-free, heterogeneous photocatalyst for organic transformations under visible light. <i>Applied Catalysis B: Environmental</i> , 2019 , 245, 334-342	21.8	115
75	Bioinspired Fabrication of Superhydrophobic Graphene Films by Two-Beam Laser Interference. <i>Advanced Functional Materials</i> , 2014 , 24, 4595-4602	15.6	100
74	Enhanced carbon dioxide uptake by metalloporphyrin-based microporous covalent triazine framework. <i>Polymer Chemistry</i> , 2013 , 4, 2445	4.9	99

73	Flexible nanowiring of metal on nonplanar substrates by femtosecond-laser-induced electroless plating. <i>Small</i> , 2010 , 6, 1762-6	11	98
72	Covalent organic frameworks as pH responsive signaling scaffolds. <i>Chemical Communications</i> , 2016 , 52, 11088-91	5.8	90
71	Triarylboron-Linked Conjugated Microporous Polymers: Sensing and Removal of Fluoride Ions. <i>Chemistry - A European Journal</i> , 2015 , 21, 17355-62	4.8	82
70	Remote manipulation of micronanomachines containing magnetic nanoparticles. <i>Optics Letters</i> , 2009 , 34, 581-3	3	74
69	Robust porous organic polymers as efficient heterogeneous organo-photocatalysts for aerobic oxidation reactions. <i>Journal of Materials Chemistry A</i> , 2017 , 5, 8697-8704	13	72
68	Sensitively Humidity-Driven Actuator Based on Photopolymerizable PEG-DA Films. <i>Advanced Materials Interfaces</i> , 2017 , 4, 1601002	4.6	70
67	Perovskite Single-Crystal Microwire-Array Photodetectors with Performance Stability beyond 1 Year. <i>Advanced Materials</i> , 2020 , 32, e2001998	24	70
66	A facile approach for artificial biomimetic surfaces with both superhydrophobicity and iridescence. <i>Soft Matter</i> , 2010 , 6, 263-267	3.6	69
65	Construction of donor-acceptor type conjugated microporous polymers: A fascinating strategy for the development of efficient heterogeneous photocatalysts in organic synthesis. <i>Applied Catalysis B: Environmental</i> , 2019 , 244, 36-44	21.8	65
64	Cationic porous organic polymers as an excellent platform for highly efficient removal of pollutants from water. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 20653-20658	13	60
63	A porphyrin-linked conjugated microporous polymer with selective carbon dioxide adsorption and heterogeneous organocatalytic performances. <i>RSC Advances</i> , 2014 , 4, 6447	3.7	57
62	Laser-Mediated Programmable N Doping and Simultaneous Reduction of Graphene Oxides. <i>Advanced Optical Materials</i> , 2014 , 2, 120-125	8.1	54
61	Solvent-tunable PDMS microlens fabricated by femtosecond laser direct writing. <i>Journal of Materials Chemistry C</i> , 2015 , 3, 1751-1756	7.1	48
60	100% Fill-Factor Aspheric Microlens Arrays (AMLA) With Sub-20-nm Precision. <i>IEEE Photonics Technology Letters</i> , 2009 , 21, 1535-1537	2.2	48
59	Metalloporphyrin-Based Hypercrosslinked Polymers Catalyze Hetero-Diels-Alder Reactions of Unactivated Aldehydes with Simple Dienes: A Fascinating Strategy for the Construction of Heterogeneous Catalysts. <i>Chemistry - A European Journal</i> , 2016 , 22, 9919-22	4.8	44
58	Phase lenses and mirrors created by laser micronanofabrication via two-photon photopolymerization. <i>Applied Physics Letters</i> , 2007 , 91, 171105	3.4	44
57	Boron Complexes with Chelating Anilido-Imine Ligands: Synthesis, Structures and Luminescent Properties. <i>European Journal of Inorganic Chemistry</i> , 2007 , 2007, 1808-1814	2.3	43
56	Photothermal Surface Plasmon Resonance and Interband Transition-Enhanced Nanocomposite Hydrogel Actuators with Hand-Like Dynamic Manipulation. <i>Advanced Optical Materials</i> , 2017 , 5, 1700442	8.1	42

55	Flexible pressure sensor based on PVDF nanofiber. <i>Sensors and Actuators A: Physical</i> , 2018 , 280, 319-325	3.9	42
54	Synthesis and Photophysical Properties of Conjugated Polymers Incorporated with Phosphorescent Rhenium(I) Chromophores in the Backbones. <i>Journal of Physical Chemistry B</i> , 2004 , 108, 13185-13190	3.4	42
53	Two-photon induced amplified spontaneous emission from needlelike triphenylamine-containing derivative crystals with low threshold. <i>Applied Physics Letters</i> , 2009 , 94, 201113	3.4	39
52	Mechanical stretch for tunable wetting from topological PDMS film. <i>Soft Matter</i> , 2013 , 9, 4236	3.6	31
51	Self-organization of polymer nanoneedles into large-area ordered flowerlike arrays. <i>Applied Physics Letters</i> , 2009 , 95, 091902	3.4	31
50	Precise Construction of Cell-Instructive 3D Microenvironments by Photopatterning a Biodegradable Hydrogel. <i>Chemistry of Materials</i> , 2019 , 31, 4710-4719	9.6	30
49	Band-Gap-Controllable Photonic Crystals Consisting of Magnetic Nanocrystal Clusters in a Solidified Polymer Matrix. <i>Journal of Physical Chemistry C</i> , 2009 , 113, 18542-18545	3.8	30
48	Screening metal-free photocatalysts from isomorphous covalent organic frameworks for the C-3 functionalization of indoles. <i>Journal of Materials Chemistry A</i> , 2020 , 8, 8706-8715	13	27
47	Triarylboron-based fluorescent conjugated microporous polymers. <i>RSC Advances</i> , 2013 , 3, 21267	3.7	27
46	Conjugated Microporous Polymers as Heterogeneous Photocatalysts for Efficient Degradation of a Mustard-Gas Simulant. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 37578-37585	9.5	26
45	Synthesis, Structures, and Luminescent Properties of Aluminum Complexes with Chelating Anilido-Imine Ligands. <i>European Journal of Inorganic Chemistry</i> , 2006 , 2006, 1216-1222	2.3	26
44	Gold nanoparticle densely packed micro/nanowire-based pressure sensors for human motion monitoring and physiological signal detection. <i>Nanoscale</i> , 2019 , 11, 4925-4932	7.7	24
43	Programmable assembly of CdTe quantum dots into microstructures by femtosecond laser direct writing. <i>Journal of Materials Chemistry C</i> , 2013 , 1, 4699	7.1	22
42	Template-confined growth of Ruddlesden-Popper perovskite micro-wire arrays for stable polarized photodetectors. <i>Nanoscale</i> , 2019 , 11, 18272-18281	7.7	21
41	Controllable assembly of silver nanoparticles induced by femtosecond laser direct writing. <i>Science and Technology of Advanced Materials</i> , 2015 , 16, 024805	7.1	21
40	Bandgap engineering in benzotrithiophene-based conjugated microporous polymers: a strategy for screening metal-free heterogeneous photocatalysts. <i>Journal of Materials Chemistry A</i> , 2021 , 9, 3333-3340	13	21
39	Highly Stable On-Chip Embedded Organic Whispering Gallery Mode Lasers. <i>Journal of Lightwave Technology</i> , 2014 , 32, 2415-2419	4	20
38	Polarization dependent two-photon properties in an organic crystal. <i>Applied Physics Letters</i> , 2010 , 97, 101101	3.4	20

37	Amplified spontaneous emission in the cyano-substituted oligo(p-phenylenevinylene) organic crystals: Effect of excitation wavelength. <i>Applied Physics Letters</i> , 2010 , 96, 103508	3.4	20
36	Synthesis, Structures, and Luminescent Properties of d10 Group 12 Metal Complexes with Substituted 2,2'-Bipyridine Ligands. <i>European Journal of Inorganic Chemistry</i> , 2006 , 2006, 4317-4323	2.3	20
35	Fast-response humidity sensor based on laser printing for respiration monitoring.. <i>RSC Advances</i> , 2020 , 10, 8910-8916	3.7	20
34	Integrated optofluidic-microfluidic twin channels: toward diverse application of lab-on-a-chip systems. <i>Scientific Reports</i> , 2016 , 6, 19801	4.9	16
33	Preparation of a FeO-Au-GO nanocomposite for simultaneous treatment of oil/water separation and dye decomposition. <i>Nanoscale</i> , 2016 , 8, 17451-17457	7.7	14
32	Amide-linked covalent organic frameworks as efficient heterogeneous photocatalysts in water. <i>Chinese Journal of Catalysis</i> , 2021 , 42, 2010-2019	11.3	13
31	Stretchable PEG-DA Hydrogel-Based Whispering-Gallery-Mode Microlaser with Humidity Responsiveness. <i>Journal of Lightwave Technology</i> , 2018 , 36, 819-824	4	12
30	Light-emitting conjugated microporous polymers based on an excited-state intramolecular proton transfer strategy and selective switch-off sensing of anions. <i>Materials Chemistry Frontiers</i> , 2020 , 4, 3040-3046	7.8	11
29	Three-dimensional micronanofabrication via two-photon-excited photoisomerization. <i>Applied Physics Letters</i> , 2009 , 95, 083118	3.4	10
28	Highly Deformable High-Performance Paper-Based Perovskite Photodetector with Improved Stability. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 31919-31927	9.5	10
27	Mirror-rotation-symmetrical single-focus spiral zone plates. <i>Optics Letters</i> , 2018 , 43, 3116-3119	3	9
26	One-pot preparation of novel asymmetric structure nanoparticles and its application in catalysis. <i>RSC Advances</i> , 2014 , 4, 43586-43589	3.7	7
25	Ingenious humidity-powered micro-worm with asymmetric biped from single hydrogel. <i>Sensors and Actuators B: Chemical</i> , 2020 , 322, 128620	8.5	7
24	Synthesis, structure and luminescent properties of zinc(II) and Hg(II) complexes with substituted 1,10-phenanthroline. <i>Journal of Coordination Chemistry</i> , 2009 , 62, 400-409	1.6	6
23	Room-temperature fabrication of SiC microwire photodetectors on rigid and flexible substrates femtosecond laser direct writing. <i>Nanoscale</i> , 2020 , 12, 23200-23205	7.7	5
22	2D covalent organic frameworks for photosynthesis of trifluoromethylated ketones from aromatic alkenes. <i>Applied Catalysis B: Environmental</i> , 2022 , 310, 121335	21.8	5
21	Curved Photodetectors Based on Perovskite Microwire Arrays via In Situ Conformal Nanoimprinting. <i>Advanced Functional Materials</i> , 2022 , 2202277	15.6	5
20	Controllably fabricated single microwires from Pd-WO ₃ ·H ₂ O nanoparticles by femtosecond laser for faster response ammonia sensors at room temperature. <i>Sensors and Actuators B: Chemical</i> , 2020 , 316, 128122	8.5	4

19	Synthesis, structure, and luminescence of rhenium(I) complexes with substituted bipyridines. <i>Journal of Coordination Chemistry</i> , 2012 , 65, 1266-1277	1.6	4
18	Micro/Nano-Texturing Inner Surfaces of Small-Caliber High Aspect Ratio and Superhydrophobic Artificial Vessels using Femtosecond Laser Filamenting Pulses. <i>Advanced Materials Interfaces</i> , 2018 , 5, 1801148	4.6	4
17	Light-Emitting Conjugated Organic Polymer as an Efficient Fluorescent Probe for Cu Ions Detection and Cell Imaging. <i>Macromolecular Rapid Communications</i> , 2021 , 42, e2100469	4.8	4
16	Shape-Designable and Size-Tunable Organic/Inorganic Hybrid Perovskite Micro-Ring Resonator Arrays. <i>Advanced Materials Technologies</i> , 2020 , 5, 2000051	6.8	3
15	Programmable fabrication of a miniaturized photodetector with thermal stability via femtosecond laser direct writing.. <i>Optics Letters</i> , 2021 , 46, 6075-6078	3	3
14	Two-Photon Polymerization Nanomanufacturing Based on the Definition-Reinforcement-Solidification (DRS) Strategy. <i>Journal of Lightwave Technology</i> , 2021 , 39, 2091-2098	4.098	3
13	Diyne-linked and fully π -conjugated polymetalloporphyrin nanosheets for outstanding heterogeneous catalysis. <i>Science Bulletin</i> , 2021 , 66, 354-361	10.6	3
12	Microsensor Based on Gold Nanoparticles for Fast and Sensitive Ortho-Xylene Detection. <i>IEEE Sensors Journal</i> , 2020 , 20, 12552-12557	4	2
11	Efficient two-photon excited amplified spontaneous emission from organic single crystals. <i>ChemPhysChem</i> , 2010 , 11, 1871-5	3.2	2
10	Fully π -conjugated, diyne-linked covalent organic frameworks formed via alkyne-alkyne cross-coupling reaction. <i>Materials Chemistry Frontiers</i> ,	7.8	2
9	Actuation From Directional Deformation Based on Composite Hydrogel for Moisture-Controllable Devices. <i>IEEE Sensors Journal</i> , 2018 , 18, 8796-8802	4	2
8	Laser digital manufacturing of high-performance photodetectors based on a semiconductor microwire. <i>Optics Letters</i> , 2021 , 46, 3472-3475	3	1
7	Multifunctional chiral cationic porous organic polymers: gas uptake and heterogeneous asymmetric organocatalysis. <i>Polymer Chemistry</i> , 2021 , 12, 3367-3374	4.9	1
6	Hypercrosslinking chiral Brønsted acids into porous organic polymers for efficient heterogeneous asymmetric organosynthesis. <i>Journal of Materials Chemistry A</i> ,	13	0
5	Photopolymerization strategy for the preparation of small-diameter artificial blood vessels with micro-nano structures on the inner wall. <i>Biomedical Optics Express</i> , 2021 , 12, 5844-5854	3.5	0
4	Graphene: Moisture-Responsive Graphene Paper Prepared by Self-Controlled Photoreduction (Adv. Mater. 2/2015). <i>Advanced Materials</i> , 2015 , 27, 190-190	24	
3	Electroluminescent Properties of a Schiff-Base Aluminum Complex in Single Layer Polymer Light-Emitting Diodes. <i>Journal of Chemical Research</i> , 2008 , 2008, 581-583	0.6	
2	Fabrication and manipulation of magnetic composite particles with specific shape and size. <i>Chemical Research in Chinese Universities</i> , 2016 , 32, 1052-1056	2.2	

- 1 Smart Diffraction Gratings based on the Shape Memory Effect.. *Macromolecular Rapid Communications*, **2022**, e2100863 4.8