

# Yoshiaki Uchida

## List of Publications by Citations

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122  
papers

1,395  
citations

20  
h-index

30  
g-index

140  
ext. papers

1,626  
ext. citations

4.3  
avg, IF

4.62  
L-index

#	Paper	IF	Citations
122	Controlled fabrication and photonic structure of cholesteric liquid crystalline shells. <i>Advanced Materials</i> , <b>2013</b> , 25, 3234-7	24	85
121	Direct and selective conversion of methanol to para-xylene over Zn ion doped ZSM-5/silicalite-1 core-shell zeolite catalyst. <i>Journal of Catalysis</i> , <b>2016</b> , 342, 63-66	7.3	83
120	Ferroelectric Properties of Paramagnetic, All-Organic, Chiral Nitroxyl Radical Liquid Crystals. <i>Advanced Materials</i> , <b>2006</b> , 18, 477-480	24	57
119	Anisotropic and inhomogeneous magnetic interactions observed in all-organic nitroxide radical liquid crystals. <i>Journal of the American Chemical Society</i> , <b>2010</b> , 132, 9746-52	16.4	47
118	Unusual intermolecular magnetic interaction observed in an all-organic radical liquid crystal. <i>Journal of Materials Chemistry</i> , <b>2008</b> , 18, 2950		43
117	Paramagnetic all-organic chiral liquid crystals. <i>Journal of Materials Chemistry</i> , <b>2008</b> , 18, 2872		39
116	Paramagnetic FLCs Containing an Organic Radical Component. <i>Ferroelectrics</i> , <b>2006</b> , 343, 119-125	0.6	39
115	Observation of positive and negative magneto-LC effects in all-organic nitroxide radical liquid crystals by EPR spectroscopy. <i>Journal of Materials Chemistry</i> , <b>2012</b> , 22, 6799		33
114	Fabrication of TiO <sub>2</sub> -graphene photocatalyst by direct chemical vapor deposition and its anti-fouling property. <i>Materials Chemistry and Physics</i> , <b>2017</b> , 198, 42-48	4.4	31
113	Pore size control of microporous carbon membranes by post-synthesis activation and their use in a membrane reactor for dehydrogenation of methylcyclohexane. <i>Journal of Membrane Science</i> , <b>2013</b> , 440, 134-139	9.6	30
112	Magnetic-field-induced molecular alignment in an achiral liquid crystal spin-labeled by a nitroxyl group in the mesogen core. <i>Journal of Materials Chemistry</i> , <b>2009</b> , 19, 415-418		30
111	Observation of the Preferential Enrichment Phenomenon for Essential $\alpha$ -Amino Acids with a Racemic Crystal Structure. <i>Crystal Growth and Design</i> , <b>2010</b> , 10, 2668-2675	3.5	28
110	Synthesis of MFI type ferrisilicate zeolite (Fe-MFI) nanocrystals by a dry gel conversion (DGC) method and their application to methanol to olefin (MTO) reactions. <i>New Journal of Chemistry</i> , <b>2017</b> , 41, 2235-2240	3.6	26
109	Adsorption of indole on KOH-activated mesoporous carbon. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2013</b> , 424, 89-95	5.1	26
108	Magneto-LC effects in hydrogen-bonded all-organic radical liquid crystal. <i>Journal of Physical Chemistry B</i> , <b>2012</b> , 116, 9791-5	3.4	25
107	Electric, electrochemical and magnetic properties of novel ionic liquid nitroxides, and their use as an EPR spin probe. <i>Journal of Materials Chemistry</i> , <b>2009</b> , 19, 6877		24
106	Chemiluminescence emission in cholesteric liquid crystalline core-shell microcapsules. <i>Journal of Materials Chemistry C</i> , <b>2014</b> , 2, 4904-4908	7.1	23

105	Ion conductive properties in ionic liquid crystalline phases confined in a porous membrane. <i>Journal of Materials Chemistry C</i> , <b>2015</b> , 3, 6144-6147	7.1	22
104	Nanosheet Formation in Hyperswollen Lyotropic Lamellar Phases. <i>Journal of the American Chemical Society</i> , <b>2016</b> , 138, 1103-5	16.4	22
103	Synthesis and Characterization of Novel All-Organic Liquid Crystalline Radicals. <i>Molecular Crystals and Liquid Crystals</i> , <b>2007</b> , 479, 213/[1251]-221/[1259]	0.5	20
102	Synthesis of SAPO-18 with low acidic strength and its application in conversion of dimethylether to olefins. <i>Microporous and Mesoporous Materials</i> , <b>2016</b> , 232, 65-69	5.3	19
101	Solvent-free synthesis and KOH activation of mesoporous carbons using resorcinol/Pluronic F127/hexamethylenetetramine mixture and their application to EDLC. <i>Microporous and Mesoporous Materials</i> , <b>2018</b> , 272, 217-221	5.3	19
100	Determination of structural characteristics of all-organic radical liquid crystals based on analysis of the dipole-dipole broadened EPR spectra. <i>Journal of Physical Chemistry B</i> , <b>2014</b> , 118, 1932-42	3.4	19
99	Influence of applied electric fields on the positive magneto-LC effects observed in the ferroelectric liquid crystalline phase of a chiral nitroxide radical compound. <i>Soft Matter</i> , <b>2013</b> , 9, 4687	3.6	19
98	Synthesis and Characterization of Novel Radical Liquid Crystals Showing Ferroelectricity. <i>Ferroelectrics</i> , <b>2008</b> , 365, 158-169	0.6	19
97	Coke deposition in the SAPO-34 membranes for examining the effects of zeolitic and non-zeolitic pathways on the permeation and separation properties in gas and vapor permeations. <i>Journal of Membrane Science</i> , <b>2012</b> , 415-416, 176-180	9.6	15
96	Dehydrogenation of propane over high silica *BEA type gallosilicate (Ga-Beta). <i>Catalysis Science and Technology</i> , <b>2019</b> , 9, 6234-6239	5.5	14
95	Porous structure and pore size control of mesoporous carbons using a combination of a soft-templating method and a solvent evaporation technique. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2016</b> , 494, 180-185	5.1	14
94	Synthesis of high silica *BEA type ferrisilicate (Fe-Beta) by dry gel conversion method using dealuminated zeolites and its catalytic performance on acetone to olefins (ATO) reaction. <i>Microporous and Mesoporous Materials</i> , <b>2019</b> , 273, 189-195	5.3	14
93	Spontaneous racemization and epimerization behavior in solution of chiral nitroxides. <i>Organic Letters</i> , <b>2005</b> , 7, 1797-800	6.2	14
92	Selective Production of Benzene, Toluene and p-Xylene (BTpX) from Various C1-3 Feedstocks over ZSM-5/Silicalite-1 Core-Shell Zeolite Catalyst. <i>ChemistrySelect</i> , <b>2016</b> , 1, 967-969	1.8	14
91	Fabrication of Pt nanoparticles encapsulated in single crystal like silicalite-1 zeolite as a catalyst for shape-selective hydrogenation of C6 olefins. <i>Microporous and Mesoporous Materials</i> , <b>2018</b> , 271, 156-159	5.3	13
90	Magnetic characteristics and orientation of a new nitroxide radical in an ordered matrix. <i>Mendeleev Communications</i> , <b>2008</b> , 18, 21-23	1.9	13
89	Molecular Mobility Effect on Magnetic Interactions in All-Organic Paramagnetic Liquid Crystal with Nitroxide Radical as a Hydrogen-Bonding Acceptor. <i>Journal of Physical Chemistry B</i> , <b>2018</b> , 122, 7409-7415	3.4	12
88	Strategy for Stimuli-Induced Spin Control Using a Liquescent Radical Cation. <i>ACS Omega</i> , <b>2019</b> , 4, 10031-10035	3.0	12

87	Development of AEI type germanoaluminophosphate (GeAPO-18) with ultra-weak acid sites and its catalytic properties for the methanol to olefin (MTO) reaction. <i>Catalysis Science and Technology</i> , <b>2017</b> , 7, 4622-4628	5.5	12
86	Low Temperature Synthesized HTiO Nanotubes with a High CO Adsorption Property by Amine Modification. <i>Langmuir</i> , <b>2018</b> , 34, 6814-6819	4	12
85	Improving hydrothermal stability of acid sites in MFI type aluminosilicate zeolite (ZSM-5) by coating MFI type all silica zeolite (silicalite-1) shell layer. <i>Microporous and Mesoporous Materials</i> , <b>2019</b> , 288, 109523	5.3	11
84	Synthesis of ordered mesoporous carbon films with a 3D pore structure and the electrochemical performance of electrochemical double layer capacitors. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2014</b> , 449, 51-56	5.1	11
83	Magnetically transportable core-shell emulsion droplets with an antioxidative all-organic paramagnetic liquid shell. <i>Journal of Materials Chemistry B</i> , <b>2014</b> , 2, 4130-4133	7.3	11
82	Low-temperature hydrothermal synthesis of ZnO nanosheet using organic/inorganic composite as seed layer. <i>Materials Letters</i> , <b>2012</b> , 86, 65-68	3.3	11
81	Second Harmonic Generation in a Paramagnetic All-Organic Chiral Smectic Liquid Crystal. <i>Applied Physics Express</i> , <b>2010</b> , 3, 041701	2.4	10
80	Fabrication of Co/P25 coated with thin nitrogen-doped carbon shells (Co/P25/NC) as an efficient electrocatalyst for oxygen reduction reaction (ORR). <i>Electrochimica Acta</i> , <b>2019</b> , 296, 867-873	6.7	10
79	Anchoring a Co/2-methylimidazole complex on ion-exchange resin and its transformation to Co/N-doped carbon as an electrocatalyst for the ORR. <i>Catalysis Science and Technology</i> , <b>2019</b> , 9, 578-582	5.5	9
78	Self-Assembled Magnetic Control Lever Embedded in Photonic Liquid Crystalline Microcapsule. <i>Advanced Optical Materials</i> , <b>2016</b> , 4, 1961-1964	8.1	9
77	A Kinetic/Thermodynamic Origin of Regular Chiral Fluctuation or Symmetry Breaking Unique to Preferential Enrichment. <i>Chemistry - A European Journal</i> , <b>2016</b> , 22, 11660-6	4.8	9
76	Chiral all-organic nitroxide biradical liquid crystals showing remarkably large positive magneto-LC effects. <i>Chemical Communications</i> , <b>2016</b> , 52, 3935-8	5.8	9
75	Nanosheet Synthesis of Metal Organic Frameworks in a Sandwich-like Reaction Field for Enhanced Gate-Opening Pressures. <i>ACS Applied Nano Materials</i> , <b>2018</b> , 1, 3779-3784	5.6	9
74	Synthesis of mesoporous carbons using a triblock copolymer containing sulfonic acid groups and their capacitance property. <i>Journal of Materials Chemistry A</i> , <b>2014</b> , 2, 10104	13	9
73	Synthesis of a Silicalite-1-coated Titanium Silicalite-1 (TS-1) Zeolite and Its Catalytic Activity in Liquid-phase Oxidation. <i>Chemistry Letters</i> , <b>2015</b> , 44, 477-479	1.7	9
72	Unique Superparamagnetic-like Behavior Observed in Non-Edelocalized Nitroxide Diradical Compounds Showing Discotic Liquid Crystalline Phase. <i>Chemistry - A European Journal</i> , <b>2018</b> , 24, 17293-17302	4.8	9
71	Preparation and magnetic properties of nitroxide radical liquid crystalline physical gels. <i>Molecular Crystals and Liquid Crystals</i> , <b>2017</b> , 647, 279-289	0.5	8
70	Temperature-dependent Color Change of Cholesteric Liquid Crystalline Core-shell Microspheres. <i>Molecular Crystals and Liquid Crystals</i> , <b>2015</b> , 615, 9-13	0.5	8

69	Solvent/OSDA-free transformation of unseeded aluminosilicate into various zeolites via mechanochemical and vapor treatments. <i>Microporous and Mesoporous Materials</i> , <b>2019</b> , 273, 273-275	5.3	8
68	Pretransitional layer contraction at the chiral smectic A-to-chiral smectic C phase transition of a chiral nitroxide radical. <i>Journal of Physical Chemistry B</i> , <b>2013</b> , 117, 3054-60	3.4	8
67	Preparation, characterization and magnetic behavior of a spin-labelled physical hydrogel containing a chiral cyclic nitroxide radical unit fixed inside the gelator molecule. <i>Soft Matter</i> , <b>2015</b> , 11, 5563-70	3.6	8
66	Shrinkage of Cholesteric Liquid Crystalline Microcapsule as Omnidirectional Cavity to Suppress Optical Loss. <i>Advanced Optical Materials</i> , <b>2020</b> , 8, 1901363	8.1	8
65	Size Control of Cholesteric Liquid Crystalline Microcapsules. <i>Molecular Crystals and Liquid Crystals</i> , <b>2015</b> , 613, 82-87	0.5	7
64	Synthesis of mesoporous MFI zeolite by dry gel conversion with ZnO particles and the catalytic activity on TMB cracking. <i>Journal of Porous Materials</i> , <b>2016</b> , 23, 311-316	2.4	7
63	Preparation of Robust Metal-Free Magnetic Nanoemulsions Encapsulating Low-Molecular-Weight Nitroxide Radicals and Hydrophobic Drugs Directed Toward MRI-Visible Targeted Delivery. <i>Chemistry - A European Journal</i> , <b>2017</b> , 23, 15713-15720	4.8	7
62	Large negative magneto-LC effects induced by racemic dimerization of liquid crystalline nitroxide radicals with a terminal cyano group. <i>Journal of Materials Chemistry C</i> , <b>2017</b> , 5, 12457-12465	7.1	7
61	Synthesis of mesoporous ZnO, AZO, and BZO transparent conducting films using nonionic triblock copolymer as template. <i>Materials Letters</i> , <b>2013</b> , 100, 111-114	3.3	7
60	EPR Investigations on Molecular Orientation of Paramagnetic Liquid Crystals in a Surface-Stabilized Liquid Crystal Cell: Studies on a Smectic C or Chiral Smectic C Phase. <i>Applied Magnetic Resonance</i> , <b>2008</b> , 33, 251-267	0.8	7
59	Magnetically controllable random laser in ferromagnetic nematic liquid crystals. <i>Optics Express</i> , <b>2019</b> , 27, 24426-24433	3.3	7
58	Dry gel conversion synthesis of Cu/SSZ-13 as a catalyst with high performance for NH <sub>3</sub> -SCR. <i>Microporous and Mesoporous Materials</i> , <b>2020</b> , 297, 109780	5.3	7
57	Synthesis of mesoporous MFI zeolite using PVA as a secondary template. <i>Journal of Porous Materials</i> , <b>2016</b> , 23, 1395-1399	2.4	7
56	Terminal Fluorinated Nitroxide Radical Liquid Crystalline Compounds. <i>Molecular Crystals and Liquid Crystals</i> , <b>2015</b> , 613, 174-180	0.5	6
55	Magnetic Liquid Crystals <b>2012</b> , 83-110		6
54	Effect of Crystal Size on Acetone Conversion over SAPO-34 Crystals. <i>Catalysis Letters</i> , <b>2012</b> , 142, 464-468	8	6
53	Partial resolution of racemic trans-4-[5-(4-alkoxyphenyl)-2,5-dimethylpyrrolidine-1-oxyl-2-yl]benzoic acids by the diastereomer method with (R)- or (S)-1-phenylethylamine. <i>Chirality</i> , <b>2008</b> , 20, 282-7	2.1	6
52	Antiferromagnetic interactions arising from a close contact between nitroxyl oxygen and $\beta$ -methyl carbon atoms carrying an $\beta$ -pin in the solid state. <i>Mendeleev Communications</i> , <b>2006</b> , 16, 69-71	1.9	6

51	Hysteretic Control of Near-infrared Transparency Using a Liquescent Radical Cation. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 8284-8288	16.4	6
50	Synthesis of high silica SSZ-13 in fluoride-free media by dry gel conversion method. <i>Microporous and Mesoporous Materials</i> , <b>2019</b> , 278, 322-326	5.3	6
49	Synthesis of Amorphous TiO <sub>2</sub> Nanoparticles with a High Surface Area and Their Transformation to Li <sub>4</sub> Ti <sub>5</sub> O <sub>12</sub> Nanoparticles. <i>Chemistry Letters</i> , <b>2016</b> , 45, 1285-1287	1.7	5
48	Helicity Control of Supramolecular Gel Fibers Consisting of an Achiral Ni Complex in a Chiral Nematic Solvent. <i>Chemistry - A European Journal</i> , <b>2018</b> , 24, 12546-12554	4.8	5
47	Room-temperature fabrication of mono-dispersed liquid crystalline shells with high viscosity and high melting points. <i>Journal of Materials Chemistry C</i> , <b>2017</b> , 5, 1303-1307	7.1	4
46	Magnetic properties of terminal iodinated nitroxide radical liquid crystals. <i>Polyhedron</i> , <b>2017</b> , 136, 79-86	2.7	4
45	Effects of Linking Group on Liquid Crystallinity of Nitroxide Radical Compounds. <i>Chemistry Letters</i> , <b>2016</b> , 45, 910-912	1.7	4
44	Paramagnetic nitroxide radical liquid crystalline compounds with methyl di(ethylene glycol) chain. <i>Ferroelectrics</i> , <b>2016</b> , 495, 97-104	0.6	4
43	Magnetic Properties of Organic Radical Liquid Crystals and Metallomesogens* <b>2014</b> , 1-28		4
42	Electric Field Dependence of Molecular Orientation and Anisotropic Magnetic Interactions in the Ferroelectric Liquid Crystalline Phase of an Organic Radical Compound by EPR Spectroscopy. <i>Advances in Science and Technology</i> , <b>2012</b> , 82, 50-54	0.1	4
41	Synthesis and Stereochemistry of Novel Rigid Nitroxide Biradicals Based on Paramagnetic Pyrrolidine Core. <i>Heterocycles</i> , <b>2009</b> , 78, 3091	0.8	4
40	Preparation and Properties of C <sub>2</sub> -Symmetric Organic Radical Compounds Showing Ferroelectric Liquid Crystal Properties. <i>Molecular Crystals and Liquid Crystals</i> , <b>2009</b> , 509, 108/[850]-117/[859]	0.5	4
39	EPR Study of Single Crystals of PROXYLs. <i>Applied Magnetic Resonance</i> , <b>2008</b> , 33, 85-93	0.8	4
38	Lateral Growth of Uniformly Thin Gold Nanosheets Facilitated by Two-Dimensional Precursor Supply. <i>Langmuir</i> , <b>2021</b> , 37, 5872-5877	4	4
37	CO <sub>2</sub> Adsorption Property of Amine-Modified Amorphous TiO <sub>2</sub> Nanoparticles with a High Surface Area. <i>Colloids and Interfaces</i> , <b>2018</b> , 2, 25	3	4
36	Real-Time Observation of Hydrogen Peroxide Transport through the Oil Phase in a W/O/W Double Emulsion with Chemiluminescence Emission. <i>Langmuir</i> , <b>2017</b> , 33, 3802-3808	4	3
35	Photomagnetic effects in metal-free liquid crystals. <i>Communications Chemistry</i> , <b>2019</b> , 2,	6.3	3
34	Supramolecular Polymerization in Liquid Crystalline Media: Toward Modular Synthesis of Multifunctional Core-Shell Columnar Liquid Crystals. <i>Journal of the American Chemical Society</i> , <b>2019</b> , 141, 10033-10038	16.4	3



33	Synthesis of titanium silicalite-1 (TS-1) zeolite with high content of Ti by a dry gel conversion method using amorphous TiO <sub>2</sub> BiO <sub>2</sub> composite with highly dispersed Ti species. <i>Materials Today Chemistry</i> , <b>2020</b> , 16, 100209	6.2	3
32	Rational Design of Single Atomic Co in Co <sub>Nx</sub> Moieties on Graphene Matrix as an Ultra-Highly Efficient Active Site for Oxygen Reduction Reaction. <i>ChemNanoMat</i> , <b>2020</b> , 6, 218-222	3.5	3
31	Triblock Copolymer-controlled Crystallization of ZnO Nanorod-microspheres from Aqueous Solution. <i>Chemistry Letters</i> , <b>2014</b> , 43, 360-362	1.7	3
30	Size Control of ZnO Tetrapod in Gas-phase Synthesis using Flow Restrictor. <i>Chemistry Letters</i> , <b>2015</b> , 44, 1188-1190	1.7	3
29	Ferronematics Based on Paramagnetic Nitroxide Radical Liquid Crystal. <i>Crystals</i> , <b>2015</b> , 5, 206-214	2.3	3
28	Synthesis, Crystal Structure, and Magnetic Properties of 4-(2-Methyl-1-azaspiro[4.5]deca-1-oxyl-2-yl)phenol. <i>Heterocycles</i> , <b>2007</b> , 74, 607	0.8	3
27	EPR characterization of diamagnetic and magnetic organic soft materials using nitroxide spin probe techniques. <i>Electron Paramagnetic Resonance</i> , <b>2012</b> , 1-21	1	3
26	Spin Symmetry Breaking: Superparamagnetic and Spin Glass-Like Behavior Observed in Rod-Like Liquid Crystalline Organic Compounds Contacting Nitroxide Radical Spins. <i>Symmetry</i> , <b>2020</b> , 12, 1910	2.7	3
25	Controlled Release of Photoresponsive Nematic Liquid Crystalline Microcapsules. <i>Advanced Photonics Research</i> , <b>2021</b> , 2, 2000079	1.9	3
24	Synthesis of MOF Nanosheets in Hyperswollen Lyotropic Lamellar Phase. <i>Molecular Crystals and Liquid Crystals</i> , <b>2019</b> , 684, 1-6	0.5	2
23	Effects of Photonic Band Gap of Cholesteric Liquid Crystal on Chemiluminescence. <i>Molecular Crystals and Liquid Crystals</i> , <b>2015</b> , 613, 163-166	0.5	2
22	Hysteretic Control of Near-infrared Transparency Using a Liquescent Radical Cation. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 8365-8369	3.6	2
21	Dehydrogenative Coupling of Toluene Promoted by Multi-Walled Carbon Nanotubes. <i>Catalysis Letters</i> , <b>2020</b> , 150, 256-262	2.8	2
20	SAPO-34 Zeolite Nanocrystals Coated with ZrO <sub>2</sub> as Catalysts for Methanol-to-Olefin Conversion. <i>ACS Applied Nano Materials</i> , <b>2021</b> , 4, 8321-8327	5.6	2
19	Molecular Technology for Chirality Control: From Structure to Circular Polarization <b>2019</b> , 129-154		1
18	Synthesis and Characterization of a New Series of Paramagnetic Ferroelectric Liquid Crystalline Nitroxide Radicals. <i>Molecular Crystals and Liquid Crystals</i> , <b>2015</b> , 615, 89-106	0.5	1
17	Thermal Molecular Motion Can Amplify Intermolecular Magnetic Interactions. <i>Journal of Physical Chemistry B</i> , <b>2020</b> , 124, 6175-6180	3.4	1
16	Solvent- and OSDA-Free Synthesis of ZSM-5 Assisted by Mechanochemical and Vapor Treatments. <i>ChemistrySelect</i> , <b>2017</b> , 2, 7651-7653	1.8	1

15	3D Lattice Structure Control of Ordered Macroporous Material by Self-Assembly of Liquid Droplets. <i>Macromolecular Rapid Communications</i> , <b>2017</b> , 38, 1600502	4.8	1
14	Facile Synthesis of Nanoporous Carbons with High Surface Area and Their CO <sub>2</sub> Adsorption Properties. <i>Chemistry Letters</i> , <b>2015</b> , 44, 1004-1006	1.7	1
13	Vapor-assisted crystallization of in situ glycine-modified UiO-66 with enhanced CO <sub>2</sub> adsorption. <i>New Journal of Chemistry</i> , <b>2022</b> , 46, 1779-1784	3.6	1
12	Enantiomeric Resolution of Racemic C <sub>2</sub> -Symmetric trans-2,5-Dimethyl-2,5-diphenylpyrrolidine and trans-2,5-Dimethyl-2,5-bis(3-hydroxyphenyl)pyrrolidine by a Diastereomer Method. <i>Heterocycles</i> , <b>2008</b> , 76, 875	0.8	1
11	Preparation and Ferroelectric Properties of New Chiral Liquid Crystalline Organic Radical Compounds. <i>Heterocycles</i> , <b>2010</b> , 80, 527	0.8	1
10	Finite-difference time-domain analysis of light propagation in cholesteric liquid crystalline droplet array. <i>Japanese Journal of Applied Physics</i> , <b>2016</b> , 55, 082001	1.4	1
9	Thin ZIF-8 nanosheets synthesized in hydrophilic TRAPs. <i>Dalton Transactions</i> , <b>2021</b> , 50, 10394-10399	4.3	1
8	Self-assembly strategy for Co/N-doped meso/microporous carbon toward superior oxygen reduction catalysts. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2021</b> , 629, 127395	5.1	1
7	Stable dehydroaromatization of ethane over Zn ion exchanged MFI type galloaluminosilicate zeolite. <i>Fuel</i> , <b>2021</b> , 305, 121487	7.1	1
6	Design of Zr- and Al-Doped *BEA-Type Zeolite to Boost LDPE Cracking.. <i>ACS Omega</i> , <b>2022</b> , 7, 12971-12979	3.9	1
5	Vapor Infiltration Synthesis of Nitrogen-Containing Ordered Mesoporous Carbon Films and the Electrochemical Properties. <i>Journal of Chemical Engineering of Japan</i> , <b>2015</b> , 48, 245-251	0.8	
4	Observation of Magnetoelectric Effect in All-Organic Ferromagnetic and Ferroelectric Liquid Crystals in an Applied Magnetic Field <b>2015</b> , 689-706		
3	Origin of the Difference in Phase Transition Behavior between Two Type of All-Organic Radical Liquid Crystals. <i>Advances in Science and Technology</i> , <b>2008</b> , 55, 42-45	0.1	
2	Magnetically Manipulable Ionic Liquid Crystals Incorporating Neutral Radicals.. <i>ChemPlusChem</i> , <b>2022</b> , e202100521	2.8	
1	Controlled Release of Photoresponsive Nematic Liquid Crystalline Microcapsules. <i>Advanced Photonics Research</i> , <b>2021</b> , 2, 2170008	1.9	