

Kiyoshi Kanie

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122
papers

3,088
citations

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h-index

52
g-index

136
ext. papers

3,374
ext. citations

4.7
avg, IF

4.99
L-index

#	Paper	IF	Citations
122	Stacking of conical molecules with a fullerene apex into polar columns in crystals and liquid crystals. <i>Nature</i> , 2002 , 419, 702-5	50.4	367
121	Hydrogen-Bonded Liquid Crystalline Materials: Supramolecular Polymeric Assembly and the Induction of Dynamic Function. <i>Macromolecular Rapid Communications</i> , 2001 , 22, 797-814	4.8	217
120	Layered Ionic Liquids: Anisotropic Ion Conduction in New Self-Organized Liquid-Crystalline Materials. <i>Advanced Materials</i> , 2002 , 14, 351	24	196
119	Supramolecular chirality of thermotropic liquid-crystalline folic acid derivatives. <i>Angewandte Chemie - International Edition</i> , 2004 , 43, 1969-72	16.4	174
118	Shape control of anatase TiO ₂ nanoparticles by amino acids in a gel-sol system. <i>Chemical Communications</i> , 2004 , 1584-5	5.8	113
117	Self-assembly of thermotropic liquid-crystalline folic acid derivatives: hydrogen-bonded complexes forming layers and columns. <i>Journal of Materials Chemistry</i> , 2001 , 11, 2875-2886		106
116	Organic-inorganic hybrid liquid crystals: hybridization of calamitic liquid-crystalline amines with monodispersed anisotropic TiO ₂ nanoparticles. <i>Journal of the American Chemical Society</i> , 2003 , 125, 10518-9	16.4	80
115	Simple cubic packing of gold nanoparticles through rational design of their dendrimeric corona. <i>Journal of the American Chemical Society</i> , 2012 , 134, 808-11	16.4	78
114	Oxidative Desulfurization-Fluorination: A Facile Entry to a Wide Variety of Organofluorine Compounds Leading to Novel Liquid-Crystalline Materials. <i>Advanced Synthesis and Catalysis</i> , 2001 , 343, 235-250	5.6	76
113	A rodlike organogelator: fibrous aggregation of azobenzene derivatives with a syn-chiral carbonate moiety. <i>Chemical Communications</i> , 2002 , 1870-1	5.8	72
112	Organic-inorganic hybrid liquid crystals: thermotropic mesophases formed by hybridization of liquid-crystalline phosphates and monodispersed alpha-Fe ₂ O ₃ particles. <i>Journal of the American Chemical Society</i> , 2005 , 127, 11578-9	16.4	70
111	A Convenient Synthesis of Trifluoromethyl Ethers by Oxidative Desulfurization-Fluorination of Dithiocarbonates. <i>Bulletin of the Chemical Society of Japan</i> , 2000 , 73, 471-484	5.1	67
110	Liquid-Crystalline Assemblies Containing Ionic Liquids: An Approach to Anisotropic Ionic Materials. <i>Chemistry Letters</i> , 2002 , 31, 320-321	1.7	66
109	Supramolecular Chirality of Thermotropic Liquid-Crystalline Folic Acid Derivatives. <i>Angewandte Chemie</i> , 2004 , 116, 2003-2006	3.6	52
108	A Facile Synthesis of Trifluoromethylamines by Oxidative Desulfurization-Fluorination of Dithiocarbamates. <i>Bulletin of the Chemical Society of Japan</i> , 1998 , 71, 1973-1991	5.1	51
107	One-step solvothermal synthesis of cubic-shaped ITO nanoparticles precisely controlled in size and shape and their electrical resistivity. <i>Journal of Materials Chemistry</i> , 2010 , 20, 8153		49
106	Solvothermal synthesis of SrTiO ₃ nanoparticles precisely controlled in surface crystal planes and their photocatalytic activity. <i>Applied Catalysis B: Environmental</i> , 2014 , 144, 462-467	21.8	47

105	Thermotropic liquid-crystalline folic acid derivatives: supramolecular discotic and smectic aggregation. <i>Chemical Communications</i> , 2000 , 1899-1900	5.8	46
104	Liquid-Crystalline Ion-Conductive Materials: Self-Organization Behavior and Ion-Transporting Properties of Mesogenic Dimers Containing Oxyethylene Moieties Complexed with Metal Salts. <i>Macromolecules</i> , 2000 , 33, 8109-8111	5.5	45
103	Hydrothermal synthesis of size- and shape-controlled CaTiO ₃ fine particles and their photocatalytic activity. <i>CrystEngComm</i> , 2014 , 16, 5591-5597	3.3	43
102	Ultrasensitive Detection of Volatile Organic Compounds by a Pore Tuning Approach Using Anisotropically Shaped SnO Nanocrystals. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 35485-35495	9.5	40
101	Dynamic and Reversible Polymorphism of Self-Assembled Lyotropic Liquid Crystalline Systems Derived from Cyclic Bis(ethynylhelicene) Oligomers. <i>Journal of the American Chemical Society</i> , 2015 , 137, 6594-601	16.4	38
100	pH-dependence of selenate removal from liquid phase by reductive Fe(II)-Fe(III) hydroxysulfate compound, green rust. <i>Chemosphere</i> , 2009 , 76, 638-43	8.4	38
99	Ambient Aqueous-Phase Synthesis of Copper Nanoparticles and Nanopastes with Low-Temperature Sintering and Ultra-High Bonding Abilities. <i>Scientific Reports</i> , 2019 , 9, 899	4.9	32
98	Hydrothermal synthesis of BaZrO ₃ fine particles controlled in size and shape and fluorescence behavior by europium doping. <i>New Journal of Chemistry</i> , 2014 , 38, 3548-3555	3.6	31
97	Triethylsilane as a mild and efficient reducing agent for the preparation of alkanethiol-capped gold nanoparticles. <i>Chemical Communications</i> , 2008 , 3882-4	5.8	30
96	Influence of silicate ions on the formation of goethite from green rust in aqueous solution. <i>Corrosion Science</i> , 2007 , 49, 2946-2961	6.8	29
95	Ex-situ and in-situ X-ray diffractions of corrosion products freshly formed on the surface of an iron-silicon alloy. <i>Corrosion Science</i> , 2007 , 49, 1081-1096	6.8	28
94	Oxidative desulfurization-fluorination of alkanol xanthates. Control of the reaction pathway to fluorination or trifluoromethoxylation. <i>Chemical Communications</i> , 1997 , 309-310	5.8	27
93	Ion-conductive liquid crystals: Formation of stable smectic semi-bilayers by the introduction of perfluoroalkyl moieties. <i>Macromolecular Chemistry and Physics</i> , 2002 , 203, 1547-1555	2.6	27
92	Synthesis of trifluoromethylamino-substituted pyridines and pyrimidines by oxidative desulfurization-fluorination. <i>Tetrahedron Letters</i> , 1995 , 36, 563-566	2	27
91	Preferential adsorption of selenium oxyanions onto {1 1 0} and {0 1 2} nano-hematite facets. <i>Journal of Colloid and Interface Science</i> , 2019 , 537, 465-474	9.3	27
90	Hydrogen-Bonded Lyotropic Liquid Crystals of Folic Acids: Responses to Environment by Exhibiting Different Complex Patterns. <i>Chemistry Letters</i> , 2001 , 30, 480-481	1.7	25
89	Analysis of Iron Oxyhydroxides and Oxides Converted from Green Rust in Aqueous Solution. <i>ISIJ International</i> , 2007 , 47, 453-457	1.7	24
88	Highly Oriented Liquid Crystalline Epoxy Film: Robust High Thermal-Conductive Ability. <i>ACS Omega</i> , 2018 , 3, 3562-3570	3.9	23

87	Influence of Sulfate Ions on Conversion of Fe(OH) ₃ Gel to β-FeOOH and α-Fe ₂ O ₃ . <i>Materials Transactions</i> , 2004 , 45, 968-971	1.3	23
86	Inhibition of Conversion Process from Fe(OH) ₃ to β-FeOOH and α-Fe ₂ O ₃ by the Addition of Silicate Ions. <i>ISIJ International</i> , 2005 , 45, 77-81	1.7	23
85	A Low-Symmetry Cubic Mesophase of Dendronized CdS Nanoparticles and Their Structure-Dependent Photoluminescence. <i>CheM</i> , 2017 , 2, 860-876	16.2	22
84	Induction of mesophases through the complexation between benzoic acids with lateral groups and polyamides containing a 2,6-diaminopyridine moiety. <i>Liquid Crystals</i> , 2000 , 27, 69-74	2.3	21
83	Size-Controlled Hydrothermal Synthesis of Bismuth Sodium and Bismuth Potassium Titanates Fine Particles and Application to Lead-Free Piezoelectric Ceramics. <i>Materials Transactions</i> , 2011 , 52, 1396-1401	1.3	20
82	Synthesis and Liquid Crystalline Behavior of Stereoregular Polyketones with Mesogenic Side Chains. <i>Macromolecules</i> , 2002 , 35, 1140-1142	5.5	20
81	Effect of Silicate Ions on Conversion of Ferric Hydroxide to β-FeOOH and α-Fe ₂ O ₃ . <i>Materials Transactions</i> , 2005 , 46, 155-158	1.3	19
80	Formation of Liquid Crystalline Order and Its Effect on Thermal Conductivity of AlN/Liquid Crystalline Epoxy Composite. <i>Polymer-Plastics Technology and Engineering</i> , 2018 , 57, 269-275		18
79	A Facile Synthesis of Novel Liquid Crystalline Materials Having a Trifluoromethoxy Group and Their Electro-Optical Properties. <i>Bulletin of the Chemical Society of Japan</i> , 2000 , 73, 1875-1892	5.1	18
78	Direct Preparation and Size Control of Highly Crystalline Cubic ITO Nanoparticles in a Concentrated Solution System. <i>Chemistry Letters</i> , 2008 , 37, 1278-1279	1.7	17
77	Synthesis of Bismuth Sodium Titanate Fine Particles with Different Shapes by the Gel-Sol Method. <i>Materials Transactions</i> , 2007 , 48, 2174-2178	1.3	16
76	Self-Organized Ion-Conductive Liquid Crystals: Lithium Salt Complexes of Mesogenic Dimer Molecules Exhibiting Smectic A Phases. <i>Molecular Crystals and Liquid Crystals</i> , 2001 , 364, 589-596		15
75	Solvation Mechanism of Task-Specific Ionic Liquids in Water: A Combined Investigation Using Classical Molecular Dynamics and Density Functional Theory. <i>Journal of Physical Chemistry B</i> , 2015 , 119, 12894-904	3.4	14
74	Synthesis and Photochemical Switching of the Antiferroelectric Liquid Crystals Containing a Diazenediyl Group. <i>Chemistry Letters</i> , 1996 , 25, 583-584	1.7	14
73	Solvothermal Synthesis of Shape-Controlled Perovskite MTiO ₃ (M = Ba, Sr, and Ca) Particles in H ₂ O/Polyols Mixed Solutions. <i>Materials Transactions</i> , 2014 , 55, 147-153	1.3	13
72	Syntheses and Properties of Novel Liquid Crystals Containing a Trifluoromethylamino Group. <i>Bulletin of the Chemical Society of Japan</i> , 1999 , 72, 2523-2535	5.1	13
71	Photocatalytic Activity of Ni-loaded TiO ₂ Nanoparticles Precisely Controlled in Size and Shape. <i>Chemistry Letters</i> , 2010 , 39, 1080-1081	1.7	12
70	Precise control of density and strength of acid sites of MFI-type zeolite nanoparticles via simultaneous isomorphous substitution by Al and Fe. <i>CrystEngComm</i> , 2020 , 22, 7556-7564	3.3	12

69	Hydrothermal synthesis of Ga-substituted MFI zeolites via a mechanochemical process and their catalytic activity for methane transformation. <i>Molecular Catalysis</i> , 2019 , 478, 110579	3.3	11
68	Amino Acid Assisted Hydrothermal Synthesis of In(OH) ₃ Nanoparticles Controlled in Size and Shape. <i>Materials Transactions</i> , 2009 , 50, 2808-2812	1.3	11
67	Characterization of Different Solid Particles Transformed from Green Rust in Aqueous Solution □ Using XRD, Mössbauer Spectroscopy, and XANES. <i>ISIJ International</i> , 2007 , 47, 1452-1457	1.7	11
66	Ion-conductive mechanism in liquid crystalline molecules having polyether segment. <i>Solid State Ionics</i> , 2002 , 154-155, 779-787	3.3	11
65	Liquid-crystalline stereoregular polyketone prepared from a mesogenic vinylarene and carbon monoxide. <i>Journal of Polymer Science Part A</i> , 2003 , 41, 3556-3563	2.5	11
64	Sn Nanoparticles Confined in Porous Silica Spheres for Enhanced Thermal Cyclic Stability. <i>ACS Applied Nano Materials</i> , 2018 , 1, 4073-4082	5.6	10
63	Synthesis of Thiol-capped Gold Nanoparticles with Organometallic Reagents as a New Class of Reducing Agent. <i>Chemistry Letters</i> , 2009 , 38, 562-563	1.7	10
62	Quaternary Ammonium Hydroxide-assisted Solvothermal Synthesis of Monodispersed ITO Nanoparticles with a Cubic Shape. <i>Chemistry Letters</i> , 2013 , 42, 738-740	1.7	9
61	Mechanochemically assisted hydrothermal synthesis of Sn-substituted MFI-type silicates. <i>Science and Technology of Advanced Materials</i> , 2018 , 19, 545-553	7.1	9
60	Synthesis of thiol-capped gold nanoparticle with a flow system using organosilane as a reducing agent. <i>Tetrahedron Letters</i> , 2012 , 53, 4457-4459	2	8
59	Ionic Liquids with Amino Moieties: Selective and Reversible Extraction/Back-Extraction for Platinum Group Metal Ions from Aqueous Solutions. <i>Chemistry Letters</i> , 2017 , 46, 1422-1425	1.7	8
58	Size-controlled hydrothermal synthesis of monodispersed BaZrO ₃ sphere particles by seeding. <i>Advanced Powder Technology</i> , 2017 , 28, 55-60	4.6	8
57	Phospholipids with a stimuli-responsive thermotropic liquid-crystalline moiety. <i>Chemical Communications</i> , 2011 , 47, 6885-7	5.8	8
56	Mechanochemical Approach to Preparation of MFI Zeolites Substituted Isomorphously by Both Al and Fe as Durable Catalysts for the Dimethyl Ether to Olefin Reaction. <i>Industrial & Engineering Chemistry Research</i> , 2021 , 60, 2079-2088	3.9	8
55	Metal-selective Deprotection-mediated Palladium(II) Extraction by Ionic Liquids with Tetrahydropyran-2H-yl-protected Thiol Moieties. <i>Chemistry Letters</i> , 2017 , 46, 434-437	1.7	7
54	Lyotropic Liquid-crystalline Pseudo-polymer Particles with an Iron Oxide Monodispersed Core Controlled in Size and Shapes in Ionic Liquids. <i>Chemistry Letters</i> , 2017 , 46, 303-306	1.7	7
53	Theoretical evaluation on solubility of synthesized task specific ionic liquids in water. <i>Journal of Molecular Liquids</i> , 2014 , 200, 232-237	6	7
52	Hydrothermal Synthesis of Sodium and Potassium Niobates Fine Particles and Their Application to Lead-Free Piezoelectric Material. <i>Materials Transactions</i> , 2011 , 52, 2119-2125	1.3	7

51	Precursor Effect on Hydrothermal Synthesis of Sodium Potassium Niobate Fine Particles and Their Piezoelectric Properties. <i>Japanese Journal of Applied Physics</i> , 2011 , 50, 09ND09	1.4	7
50	Optical switching and alignment of antiferroelectric liquid crystals containing an azo group. <i>Liquid Crystals</i> , 2000 , 27, 555-558	2.3	7
49	Synthesis and electro-optical properties of 3-substituted phenyl trifluoromethyl ethers. <i>Journal of Fluorine Chemistry</i> , 1999 , 97, 201-206	2.1	6
48	Precursor Effect on Hydrothermal Synthesis of Sodium Potassium Niobate Fine Particles and Their Piezoelectric Properties. <i>Japanese Journal of Applied Physics</i> , 2011 , 50, 09ND09	1.4	6
47	Gallium-Doped Zinc Oxide Nanoparticle Thin Films as Transparent Electrode Materials with High Conductivity. <i>ACS Applied Nano Materials</i> , 2020 , 3, 9622-9632	5.6	6
46	Organic Structure-Directing Agent-Free Synthesis of Mordenite-Type Zeolites Driven by Al-Rich Amorphous Aluminosilicates. <i>ACS Omega</i> , 2021 , 6, 5176-5182	3.9	6
45	Single-Crystalline Protrusion-Rich Indium Tin Oxide Nanoparticles with Colloidal Stability in Water for Use in Sustainable Coatings. <i>ACS Applied Nano Materials</i> , 2020 , 3, 4870-4879	5.6	5
44	Size- and Shape-controlled Pseudo-polymer Particles: Surface-initiated Atom Transfer Radical Polymerization on Monodispersed Fe ₂ O ₃ Particles. <i>Chemistry Letters</i> , 2016 , 45, 119-121	1.7	5
43	Cross Coupling on Gold Nanoparticles. Effect of Reinforced Affinity of Organic Group with Bipedal Thiol. <i>Chemistry Letters</i> , 2011 , 40, 1450-1452	1.7	5
42	Synthesis and Electro-optical Properties of Novel Liquid Crystals Having a Cyclohexyl Trifluoromethyl Ether Moiety. <i>Chemistry Letters</i> , 1997 , 26, 827-828	1.7	5
41	Reactions of o-bromoacetylphenones with several primary amines. <i>Journal of Heterocyclic Chemistry</i> , 1995 , 32, 1299-1302	1.9	5
40	Homeotropically Aligned Monodomain-like Smectic-A Structure in Liquid Crystalline Epoxy Films: Analysis of the Local Ordering Structure by Microbeam Small-Angle X-ray Scattering. <i>ACS Omega</i> , 2020 , 5, 20792-20799	3.9	5
39	Development of a flexible dielectric-barrier-discharge plasma actuator fabricated by inkjet printing using silver nanoparticles-based ink. <i>Sensors and Actuators A: Physical</i> , 2021 , 330, 112823	3.9	5
38	Rheology of Thermotropic Liquid-Crystalline Dendron-Modified Gold Nanoparticles. <i>Molecular Crystals and Liquid Crystals</i> , 2015 , 617, 50-57	0.5	4
37	Synthesis and Properties of New Liquid Crystals Containing Trifluoromethylamino Group. <i>Chemistry Letters</i> , 1995 , 24, 683-684	1.7	4
36	Transcription-induced formation of paired Al sites in high-silica CHA-type zeolite framework using Al-rich amorphous aluminosilicate. <i>Chemical Communications</i> , 2021 , 57, 13301-13304	5.8	4
35	Magnetorheological Fluids with Surface-Modified Iron Oxide Magnetic Particles with Controlled Size and Shape. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 20581-20588	9.5	4
34	Long-Range Anisotropic Structural Films and Fibers Formed from Lyotropic Liquid Crystal Gels Containing Hetero-Double-Helices with C Terminal Groups. <i>Langmuir</i> , 2019 , 35, 5075-5080	4	4

33	Extraction behaviors of platinum group metals in simulated high-level liquid waste by a hydrophobic ionic liquid bearing an amino moiety. <i>Nuclear Engineering and Technology</i> , 2021 , 53, 1218-1223	2.6	4
32	Magnetic field induced uniaxial alignment of the lyotropic liquid-crystalline PMMA-grafted Fe ₃ O ₄ nanoplates with controllable interparticle interaction. <i>Nanoscale Advances</i> , 2020 , 2, 814-822	5.1	3
31	Phase-selective hydrothermal synthesis of hydrous lithium titanates nanoparticles as a precursor to Li ₄ Ti ₅ O ₁₂ anode material for lithium ion rechargeable batteries. <i>Ceramics International</i> , 2015 , 41, 10988-10994	5.1	3
30	High Performance ITO Nanoparticles as Nanoink for Printing as a Substitute Process of Sputtering. <i>Materials Research Society Symposia Proceedings</i> , 2014 , 1699, 49		3
29	Solvent Diversity in the Preparation of Alkanethiol-capped Gold Nanoparticles. An Approach with a Gold(I) Thiolate Complex. <i>Chemistry Letters</i> , 2010 , 39, 319-321	1.7	3
28	Suppression of the Conversion Process of Fe(OH) ₃ to FeOOH and Fe ₂ O ₃ by Silicate Ions. <i>High Temperature Materials and Processes</i> , 2005 , 24, 275-288	0.9	3
27	Oxidative Desulfurization—Facile Synthesis of Organofluorine Compounds and Development of Fluorine-containing Novel Liquid-Crystalline Materials—; <i>Nippon Kagaku Kaishi / Chemical Society of Japan - Chemistry and Industrial Chemistry Journal</i> , 2000 , 2000, 749-761		3
26	A Facile Transformation of Terminal Olefins to vic-Difluoro Olefins: Electro-optical Properties of Liquid Crystalline Materials Having vic-Difluoro Olefinic Moiety. <i>Bulletin of the Chemical Society of Japan</i> , 2000 , 73, 1633-1643	5.1	3
25	A Facile Synthesis and Electro-optical Properties of New Liquid Crystals Having a vic-Difluoro Olefinic Moiety. <i>Chemistry Letters</i> , 1998 , 27, 1169-1170	1.7	3
24	Self-assembly of photoresponsive azo-containing phospholipids with a polar group as the tail.. <i>RSC Advances</i> , 2020 , 10, 32984-32991	3.7	3
23	Highly anisotropic thermal conductivity of mesogenic epoxy resin film through orientation control. <i>Journal of Applied Polymer Science</i> , 2021 , 138, 51396	2.9	3
22	Mechanochemical Route for Preparation of MFI-Type Zeolites Containing Highly Dispersed and Small Ce Species and Catalytic Application to Low-Temperature Oxidative Coupling of Methane. <i>Industrial & Engineering Chemistry Research</i> , 2021 , 60, 10101-10111	3.9	3
21	Water-Dispersible Fe ₃ O ₄ Nanoparticles Modified with Controlled Numbers of Carboxyl Moieties for Magnetic Induction Heating. <i>ACS Applied Nano Materials</i> , 2021 , 4, 7395-7403	5.6	3
20	Preparation of Monodispersed Nanoparticles of Transparent Conductive Oxides. <i>KONA Powder and Particle Journal</i> , 2016 , 33, 340-353	3.4	3
19	Direct Hydrothermal Synthesis of Size-Controlled Co ₃ O ₄ Nanocubes under Highly Condensed Conditions. <i>Materials Transactions</i> , 2017 , 58, 1014-1019	1.3	2
18	Photo-Responsive Properties of Phospholipid Vesicles Including Azobenzene-Containing Amphiphilic Phosphates. <i>Transactions of the Materials Research Society of Japan</i> , 2015 , 40, 153-158	0.2	2
17	Preparation of Nickel Carbide Nanoparticles and Their Electrode Catalytic Activity on Oxygen Reduction Reaction. <i>Nanoscience and Nanotechnology Letters</i> , 2017 , 9, 1592-1595	0.8	2
16	Introduction of Heteroarene Functionality on the Bipedal-Thiol-Capped Gold Nanoparticle by Deprotonative C-H Coupling with Palladium Complex. <i>Heterocycles</i> , 2014 , 88, 213	0.8	2

15	A nanoparticle-mist deposition method: fabrication of high-performance ITO flexible thin films under atmospheric conditions. <i>Scientific Reports</i> , 2021 , 11, 10584	4.9	2
14	Hydrogen-Bonded Liquid Crystalline Materials: Supramolecular Polymeric Assembly and the Induction of Dynamic Function 2001 , 22, 797		2
13	Self-assembled structure of dendronized CdS nanoparticles. <i>Microscopy (Oxford, England)</i> , 2019 , 68, 342-347		1
12	Hydrothermal Synthesis of Ce-doped BaZrO ₃ Fine Particles and Their Three-way Catalytic Performance for Exhaust Gas Purification. <i>Journal of MMIJ</i> , 2017 , 133, 116-122	0.3	1
11	Solvothermal Synthesis of ITO Nanoparticles Precisely Controlled in Size and Shape. <i>Advances in Science and Technology</i> , 2010 , 62, 50-55	0.1	1
10	Organic-Inorganic Hybrid Liquid Crystals: Innovation Toward Suprahybrid Material <i>Advances in Materials Research</i> , 2009 , 41-53		1
9	Hydrogen-Bonded Liquid Crystalline Materials: Supramolecular Polymeric Assembly and the Induction of Dynamic Function 2001 , 22, 797		1
8	Development of Synthetic Route for Fe-substituted MWW-type Zeolites Using Mechanochemical Method. <i>Journal of the Japan Petroleum Institute</i> , 2022 , 65, 67-77	1	0
7	A mild aqueous synthesis of ligand-free copper nanoparticles for low temperature sintering nanopastes with nickel salt assistance.. <i>Scientific Reports</i> , 2021 , 11, 24268	4.9	0
6	Liquid-Crystalline Inorganic Nano- and Fine Particles 2018 , 731-737		
5	Liquid-crystalline inorganic nano and fine particles 2012 , 509-515		
4	Organic-Inorganic Dual-Coated TiO ₂ Nanoparticles for Regulation of Photocatalytic Activity. <i>Materials Transactions</i> , 2021 , 62, 1739-1744	1.3	
3	Simple Liquid-Phase Synthesis of Cobalt Carbide (Co ₂ C) Nanoparticles and Their Use as Durable Electrocatalysts. <i>Materials Transactions</i> , 2021 , 62, 1632-1638	1.3	
2	Characterization of Fine Particles of Different Iron Oxides Formed in Aqueous Media. <i>E-Journal of Surface Science and Nanotechnology</i> , 2006 , 4, 352-358	0.7	
1	Liquid-Phase Synthesis of Transparent Conductive Oxide Nanoparticles Controlled in Size and Shape and Electrical and Optical Characteristics of the Nanoink-coated Thin Films. <i>Journal of the Japan Society of Colour Material</i> , 2019 , 92, 171-176	0	