

Yukihide Shiraishi

List of Publications by Year in Descending Order

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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.

134
papers

3,693
citations

34
h-index

57
g-index

141
ext. papers

4,149
ext. citations

4.5
avg, IF

5.58
L-index

#	Paper	IF	Citations
134	Green Route for Fabrication of Water-Treatable Thermoelectric Generators. <i>Energy Material Advances</i> , 2022 , 2022, 1-12	1	2
133	Cu-ion-induced n- to p-type switching in organic thermoelectric polyazacycloalkane/carbon nanotubes. <i>Materials Advances</i> , 2022 , 3, 373-380	3.3	0
132	HPLC Fluorescence Method for Eugenols in Basil Products Derivatized with DIBI.. <i>Chemical and Pharmaceutical Bulletin</i> , 2022 , 70, 37-42	1.9	
131	Surfactant-Wrapped n-Type Organic Thermoelectric Carbon Nanotubes for Long-Term Air Stability and Power Characteristics. <i>ACS Applied Electronic Materials</i> , 2022 , 4, 1153-1162	4	1
130	In situ nanopores enrichment of Mesh-like palladium nanoplates for bifunctional fuel cell reactions: A joint etching strategy.. <i>Journal of Colloid and Interface Science</i> , 2021 , 611, 523-532	9.3	9
129	Durable n-type carbon nanotubes double-doped with 1,8-diazabicyclo[5.4.0]undec-7-ene and polyamidoamine dendrimers. <i>Diamond and Related Materials</i> , 2021 , 120, 108656	3.5	1
128	Enhancement of p-type thermoelectric power factor by low-temperature calcination in carbon nanotube thermoelectric films containing cyclodextrin polymer and Pd. <i>Applied Physics Letters</i> , 2021 , 118, 243904	3.4	5
127	Sensitive Determination of Hexavalent Chromium Using a Microfluidic Paper-based Analytical Device with Solid Phase Extraction. <i>Bunseki Kagaku</i> , 2021 , 70, 379-383	0.2	1
126	Pd nanoparticles on zeolite imidazolide framework-8: Preparation, characterization, and evaluation of fixed-bed hydrogenation activity toward isomeric nitrophenols. <i>Colloids and Interface Science Communications</i> , 2021 , 43, 100446	5.4	0
125	Advances in engineering RuO ₂ electrocatalysts towards oxygen evolution reaction. <i>Chinese Chemical Letters</i> , 2021 , 32, 2108-2116	8.1	57
124	Improved Thermoelectric Behavior of Super-Growth Carbon Nanotube Using Tetrathiafulvalene-Tetracyanoquinodimethane Nanoparticles. <i>Materials Science Forum</i> , 2020 , 990, 209-214	2.4	1
123	Universal Surfactant-Free Strategy for Self-Standing 3D Tremella-Like Pd _M (M = Ag, Pb, and Au) Nanosheets for Superior Alcohols Electrocatalysis. <i>Advanced Functional Materials</i> , 2020 , 30, 2000255	15.6	98
122	Characterization and Thermoelectric Behavior of Super-growth Carbon Nanotube Films Co-loaded with ZnO and Ag Colloids. <i>Electrochemistry</i> , 2020 , 88, 356-358	1.2	
121	Combination of nanoparticles and carbon nanotubes for organic hybrid thermoelectrics. <i>Pure and Applied Chemistry</i> , 2020 , 92, 967-976	2.1	1
120	Development of carbon nanotube organic thermoelectric materials using cyclodextrin polymer: control of semiconductor characteristics by the solvent effect. <i>Japanese Journal of Applied Physics</i> , 2020 , 59, SDDD05	1.4	9
119	Enhancement of the electrical conductivity of defective carbon nanotube sheets for organic hybrid thermoelectrics by deposition of Pd nanoparticles. <i>Materials Advances</i> , 2020 , 1, 2926-2936	3.3	4
118	Interpretation of frequency modulation TN-LCD embedded with metal nanoparticles using equivalent circuit analysis. <i>AIP Advances</i> , 2020 , 10, 105323	1.5	

117	Highly-stable n-type Carbon Nanotube Material under Accelerated Aging Conditions: Conjunctive Effect of Hydrazine Derivatives and Commodity Polymers. <i>Chemistry Letters</i> , 2019 , 48, 1109-1111	1.7	3
116	Preparation of Ga-ZnO Nanoparticles Using Microwave and Ultrasonic Irradiation, and the Application of Poly(3,4-ethylenedioxythiophene)-poly(styrenesulfonate) Hybrid Thermoelectric Films. <i>ChemistrySelect</i> , 2019 , 4, 6800-6804	1.8	5
115	Shape-controlled PdSn alloy as superior electrocatalysts for alcohol oxidation reactions. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2019 , 101, 167-176	5.3	14
114	Precursor-mediated size tuning of monodisperse PtRh nanocubes as efficient electrocatalysts for ethylene glycol oxidation. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 7891-7896	13	67
113	Engineering Spiny PtFePd@PtFe/Pt Core@Multishell Nanowires with Enhanced Performance for Alcohol Electrooxidation. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 30880-30886	9.5	23
112	Organic Hybrid Thermoelectric Materials Containing Nano-dispersed Poly(nickel 1,1,2,2-ethenetetrathiolate) as an Element-Block 2019 , 371-383		4
111	Glycine-Assisted Fabrication of N-Doped Graphene-Supported Uniform Multipetal PtAg Nanoflowers for Enhanced Ethanol and Ethylene Glycol Oxidation. <i>ACS Sustainable Chemistry and Engineering</i> , 2019 , 7, 3176-3184	8.3	50
110	Visible-Light-Driven 3D Dendritic PtAu@Pt CoreShell Photocatalyst toward Liquid Fuel Electrooxidation. <i>ACS Sustainable Chemistry and Engineering</i> , 2018 , 6, 7159-7167	8.3	33
109	Hierarchical branched platinum-copper tripods as highly active and stable catalysts. <i>Nanoscale</i> , 2018 , 10, 8246-8252	7.7	20
108	High-Quality PlatinumIron Nanodendrites with a Multibranch Architecture as Efficient Electrocatalysts for the Ethanol Oxidation Reaction. <i>ChemCatChem</i> , 2018 , 10, 2195-2199	5.2	7
107	Further study of optical homogeneous effects in nanoparticle embedded liquid-crystal devices. <i>Journal of Molecular Liquids</i> , 2018 , 267, 303-307	6	11
106	Ethylene Glycol Electrooxidation Based on Pentangle-Like PtCu Nanocatalysts. <i>Chemistry - an Asian Journal</i> , 2018 , 13, 626-630	4.5	9
105	Pt Islands on 3 D Nut-like PtAg Nanocrystals for Efficient Formic Acid Oxidation Electrocatalysis. <i>ChemSusChem</i> , 2018 , 11, 1056-1062	8.3	17
104	Highly active electrooxidation of ethylene glycol enabled by pinecone-like PdAuAg nanocatalysts. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2018 , 83, 64-73	5.3	7
103	Microfluidic Paper-based Analytical Device for the Determination of Hexavalent Chromium by Photolithographic Fabrication Using a Photomask Printed with 3D Printer. <i>Analytical Sciences</i> , 2018 , 34, 71-74	1.7	20
102	Particle size effects of PtAg nanoparticles on the catalytic electrooxidation of liquid fuels. <i>Inorganic Chemistry Frontiers</i> , 2018 , 5, 1174-1179	6.8	12
101	Sophisticated Construction of Binary PdPb Alloy Nanocubes as Robust Electrocatalysts toward Ethylene Glycol and Glycerol Oxidation. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 12659-12665	9.5	115
100	Hierarchical NiMo Phosphide Nanosheets Strongly Anchored on Carbon Nanotubes as Robust Electrocatalysts for Overall Water Splitting. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 29647-29655	9.5	58

99	Construct 3D networked Au-Cu nanowires for enhanced plasmon-driven catalytic ethylene glycol oxidation through visible light irradiation. <i>Journal of Power Sources</i> , 2018 , 399, 59-65	8.9	12
98	Surface plasmon enhanced ethylene glycol electrooxidation based on hollow platinum-silver nanodendrites structures. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2018 , 91, 316-322	5.3	13
97	1D alloy ultrafine Pt-Fe nanowires as efficient electrocatalysts for alcohol electrooxidation in alkaline media. <i>Nanoscale</i> , 2018 , 10, 16468-16473	7.7	19
96	Variation of PM2.5 through an Analysis of Components in Atmospheric Particulate Matter in Sanyo Onoda, Yamaguchi, Japan from FY 2013 to FY 2016. <i>Bunseki Kagaku</i> , 2018 , 67, 355-361	0.2	1
95	Solvent-mediated length tuning of ultrathin platinum-cobalt nanowires for efficient electrocatalysis. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 24418-24424	13	23
94	Development of Sulfur Oxides Analysis in the Atmosphere by an Alkaline Filter Paper Method without Toxic Substances. <i>Bunseki Kagaku</i> , 2018 , 67, 743-747	0.2	
93	Visible-light-driven trimetallic Pt-Ag-Ni alloy nanoparticles for efficient nanoelectrocatalytic oxidation of alcohols. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2018 , 93, 616-624	5.3	8
92	Heterogeneous Co(OH) nanoplates/CoO nanocubes enriched with oxygen vacancies enable efficient oxygen evolution reaction electrocatalysis. <i>Nanoscale</i> , 2018 , 10, 18468-18472	7.7	44
91	Self-supported nickel-cobalt nanowires as highly efficient and stable electrocatalysts for overall water splitting. <i>Nanoscale</i> , 2018 , 10, 18767-18773	7.7	36
90	Improvement of stability of n-type super growth CNTs by hybridization with polymer for organic hybrid thermoelectrics. <i>Synthetic Metals</i> , 2017 , 225, 81-85	3.6	16
89	Dopamine and uric acid electrochemical sensor based on a glassy carbon electrode modified with cubic Pd and reduced graphene oxide nanocomposite. <i>Journal of Colloid and Interface Science</i> , 2017 , 497, 172-180	9.3	105
88	Improved Thermoelectric Behavior of Poly(3,4-ethylenedioxythiophene)-Poly(styrenesulfonate) Using Poly(N-vinyl-2-pyrrolidone)-coated GeO ₂ Nanoparticles. <i>Chemistry Letters</i> , 2017 , 46, 933-936	1.7	8
87	Ultrasonic-assisted synthesis of N-doped graphene-supported binary PdAu nanoflowers for enhanced electro-oxidation of ethylene glycol and glycerol. <i>Electrochimica Acta</i> , 2017 , 245, 227-236	6.7	99
86	Seed-mediated synthesis of cross-linked Pt-NiO nanochains for methanol oxidation. <i>Applied Surface Science</i> , 2017 , 411, 379-385	6.7	23
85	Facile fabrication of novel PdRu nanoflowers as highly active catalysts for the electrooxidation of methanol. <i>Journal of Colloid and Interface Science</i> , 2017 , 505, 1-8	9.3	57
84	Highly Time-Resolved Atmospheric Observations Using a Continuous Fine Particulate Matter and Element Monitor. <i>ACS Earth and Space Chemistry</i> , 2017 , 1, 580-590	3.2	7
83	Sophisticated Construction of Hollow Au@Ag@Cu Nanoflowers as Highly Efficient Electrocatalysts toward Ethylene Glycol Oxidation. <i>ACS Sustainable Chemistry and Engineering</i> , 2017 , 5, 10490-10498	8.3	25
82	Facile construction of fascinating trimetallic PdAuAg nanocages with exceptional ethylene glycol and glycerol oxidation activity. <i>Nanoscale</i> , 2017 , 9, 17004-17012	7.7	53

81	Eco-friendly and facile synthesis of novel bayberry-like PtRu alloy as efficient catalysts for ethylene glycol electrooxidation. <i>International Journal of Hydrogen Energy</i> , 2017 , 42, 20720-20728	6.7	28
80	Self-Supported Worm-like PdAg Nanoflowers as Efficient Electrocatalysts towards Ethylene Glycol Oxidation. <i>ChemElectroChem</i> , 2017 , 4, 2527-2534	4.3	24
79	Self-supported porous 2D AuCu triangular nanoprisms as model electrocatalysts for ethylene glycol and glycerol oxidation. <i>Journal of Materials Chemistry A</i> , 2017 , 5, 15932-15939	13	87
78	Hollow AuAg/Au core/shell nanospheres as efficient catalysts for electrooxidation of liquid fuels. <i>Nanoscale</i> , 2017 , 9, 12996-13003	7.7	70
77	Synthesis and characterization of core-shell PdAu convex nanospheres with enhanced electrocatalytic activity for ethylene glycol oxidation. <i>Journal of Alloys and Compounds</i> , 2017 , 723, 36-42	5.7	37
76	Electrochemical synthesis of gold nanoparticles decorated flower-like graphene for high sensitivity detection of nitrite. <i>Journal of Colloid and Interface Science</i> , 2017 , 488, 135-141	9.3	133
75	Hybrid-Type Organic Thermoelectric Materials Containing Nanoparticles as a Carrier Transport Promoter. <i>Journal of Electronic Materials</i> , 2017 , 46, 3207-3214	1.9	15
74	Thermostability of Hybrid Thermoelectric Materials Consisting of Poly(Ni-ethenetetrathiolate), Polyimide and Carbon Nanotubes. <i>Materials</i> , 2017 , 10,	3.5	14
73	Syntheses of Metallic Nanocolloids and the Quenching Abilities of Reactive Oxygen Species 2016 , 784-789		
72	Fabrication of reduced graphene oxideBimetallic Pd@Au nanocomposites for simultaneous determination of ascorbic acid, dopamine and uric acid. <i>RSC Advances</i> , 2016 , 6, 92502-92509	3.7	13
71	Highly active and durable flowerlike Pd/Ni(OH) ₂ catalyst for the electrooxidation of ethanol in alkaline medium. <i>RSC Advances</i> , 2016 , 6, 72722-72727	3.7	21
70	Metallic Colloids: Catalysis 2016 , 4233-4241		1
69	Fabrication of Pd/P nanoparticle networks with high activity for methanol oxidation. <i>Catalysis Science and Technology</i> , 2016 , 6, 6441-6447	5.5	51
68	Electro-Optic Function of Liquid Crystal Displays Doped with Poly(Ecyclodextrin)-Protected ZrO ₂ /Au Nanoparticles. <i>Macromolecular Symposia</i> , 2016 , 364, 56-61	0.8	2
67	Dispersion of carbon nanotubes by poly(Ni-ethenetetrathiolate) for organic thermoelectric hybrid materials. <i>Japanese Journal of Applied Physics</i> , 2016 , 55, 02BB07	1.4	8
66	Development of ethenetetrathiolate hybrid thermoelectric materials consisting of cellulose acetate and semiconductor nanomaterials. <i>Japanese Journal of Applied Physics</i> , 2016 , 55, 02BB02	1.4	12
65	Preparation and Electro-Optic Properties of Liquid Crystal Devices Doped with Supramolecule-Stabilized Rhodium Nanoparticles. <i>Kobunshi Ronbunshu</i> , 2016 , 73, 183-186	0	
64	Highly enhanced ethanol electrocatalytic activity of PdPb network nanocomposites achieved by a small amount platinum modification. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2016 , 502, 13-18	5.1	11

63	Highly sensitive electrochemical determination of Sunset Yellow based on the ultrafine Au-Pd and reduced graphene oxide nanocomposites. <i>Journal of Colloid and Interface Science</i> , 2016 , 481, 229-35	9.3	42
62	Novel hybrid organic thermoelectric materials: three-component hybrid films consisting of a nanoparticle polymer complex, carbon nanotubes, and vinyl polymer. <i>Advanced Materials</i> , 2015 , 27, 2246-2451	139	
61	Development of paper-based microfluidic analytical device for iron assay using photomask printed with 3D printer for fabrication of hydrophilic and hydrophobic zones on paper by photolithography. <i>Analytica Chimica Acta</i> , 2015 , 883, 55-60	6.6	77
60	Effect of Particle Size on Electro-Optic Properties of Liquid Crystal Devices Doped with β -Cyclodextrin Stabilized Barium Titanate Nanoparticles. <i>Molecular Crystals and Liquid Crystals</i> , 2015 , 611, 100-108	0.5	4
59	Analysis of Major Inorganic Ion Components of Atmospheric Particulate Matter in Sanyo Onoda, Yamaguchi, Japan. <i>Bunseki Kagaku</i> , 2015 , 64, 775-782	0.2	1
58	Novel Nanodispersed Polymer Complex, Poly(nickel 1,1,2,2-ethenetetrathiolate): Preparation and Hybridization for n-Type of Organic Thermoelectric Materials. <i>Chemistry Letters</i> , 2015 , 44, 1185-1187	1.7	21
57	Electro-optic properties of liquid crystal devices doped with cucurbit(6)uril-protected zirconia nanowires. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2014 , 460, 90-94	5.1	1
56	Preparation and Application of Poly(β -cyclodextrin)-Protected Zirconia Nanoparticles by Ultrasonic/Microwave Method. <i>Kobunshi Ronbunshu</i> , 2014 , 71, 467-470	0	
55	Zirconia nanocolloids having a nanospace of poly(cyclodextrin): preparation and application to liquid crystal devices. <i>Journal of Nanoscience and Nanotechnology</i> , 2014 , 14, 2217-24	1.3	4
54	Preparation and Electrooptic Properties of Liquid Crystal Devices Doped with Cucurbituril-protected Gold Nanowires. <i>Chemistry Letters</i> , 2012 , 41, 1160-1162	1.7	6
53	Improvement of the Performance of Liquid Crystal Displays by Doping with Supramolecule-Protected Metal Nanoparticles. <i>Israel Journal of Chemistry</i> , 2012 , 52, 908-916	3.4	5
52	Fast Electro-Optic Switching of Twisted Nematic LCD Doped with Cyclodextrin Capped Silica Nanoparticles. <i>Macromolecular Symposia</i> , 2012 , 317-318, 28-33	0.8	8
51	Construction and electro-optic properties of liquid-crystal display doped by rhodium nanoparticles. <i>Journal of Nanoscience and Nanotechnology</i> , 2012 , 12, 396-402	1.3	4
50	Fabrication of Liquid Crystal Displays Containing Capped Nanoparticles and Their Electro-optic Properties 2012 , 373-389		1
49	Syntheses of poly(cyclodextrin)-stabilised metal nanoparticles and their quenching abilities of active oxygen species. <i>Supramolecular Chemistry</i> , 2011 , 23, 195-198	1.8	7
48	P-158: Fast Switching of Narrow-gap TN-LCDs Embedded with New Nanoparticles and Their Application to FSC-LCDs. <i>Digest of Technical Papers SID International Symposium</i> , 2011 , 42, 1697-1699	0.5	
47	Preparation of Ag/Rh and Ag/Pd Bimetallic Nano-Organized Systems by Mixing Two Kinds of Monometallic Nanoparticles. <i>Kobunshi Ronbunshu</i> , 2011 , 68, 345-348	0	
46	Fabrication of Liquid Crystal Sol Containing Capped Ag/Pd Bimetallic Nanoparticles and Their Electro-Optic Properties. <i>Journal of Physical Chemistry C</i> , 2008 , 112, 20284-20290	3.8	39

45	Low-Energy Structures of Ligand Passivated Si Nanoclusters: Theoretical Investigation of Si ₂ L ₄ and Si ₁₀ L ₁₆ (L = H, CH ₃ , OH, and F). <i>Journal of Physical Chemistry C</i> , 2008 , 112, 1819-1824	3.8	2
44	Trimetallic nanoparticles having a Au-core structure. <i>Catalysis Today</i> , 2007 , 122, 239-244	5.3	85
43	Regioselective carboxylation of aromatic compounds using cyclodextrin as mediator. <i>Reactive and Functional Polymers</i> , 2007 , 67, 1115-1128	4.6	4
42	Synthesis and Catalysis of Polymer-Protected Pd/Ag/Rh Trimetallic Nanoparticles with a Core-Shell Structure. <i>Bulletin of the Chemical Society of Japan</i> , 2007 , 80, 1217-1225	5.1	28
41	Preparation and Catalysis of Poly (β-cyclodextrin)-Stabilized Palladium Nanoparticles. <i>Kobunshi Ronbunshu</i> , 2007 , 64, 74-76	0	4
40	. <i>Journal of Display Technology</i> , 2006 , 2, 121-129		69
39	Corrections to Dielectric Spectroscopy of Metal Nanoparticle Doped Liquid Crystal Displays Exhibiting Frequency Modulation Response. <i>Journal of Display Technology</i> , 2006 , 2, 418-418		1
38	Spontaneous formation of core/shell bimetallic nanoparticles: a calorimetric study. <i>Journal of Physical Chemistry B</i> , 2005 , 109, 16326-31	3.4	75
37	Dielectric Properties of Twisted Nematic Liquid Crystal Displays Fabricated by Doping Ag-Pd Metal Nanoparticles Having A Long Term Stability. <i>Molecular Crystals and Liquid Crystals</i> , 2005 , 441, 143-152	0.5	13
36	P-121: Equivalent Circuit Analysis of TN - LCDs Doped with Metal Nanoparticles for Fast Response. <i>Digest of Technical Papers SID International Symposium</i> , 2005 , 36, 760	0.5	1
35	Fast switching of frequency modulation twisted nematic liquid crystal display fabricated by doping nanoparticles and its mechanism (Invited Paper) 2005 ,		3
34	Fast Switching of Frequency Modulation Twisted Nematic Liquid Crystal Display Fabricated by Doping Nanoparticles and Its Mechanism. <i>Japanese Journal of Applied Physics</i> , 2004 , 43, 2580-2584	1.4	54
33	Dielectric Properties of Frequency Modulation Twisted Nematic LCDs Doped with Palladium (Pd) Nanoparticles. <i>Japanese Journal of Applied Physics</i> , 2004 , 43, 5425-5429	1.4	34
32	Dielectric Properties of Frequency Modulation Twisted Nematic LCDs Doped with Silver Nanoparticles. <i>Japanese Journal of Applied Physics</i> , 2004 , 43, 5430-5434	1.4	32
31	P-87: FM-LCDs Fabricated by Doping Ag Nanoparticles with Fast Switching Speed in Milli-seconds and Submilli-seconds. <i>Digest of Technical Papers SID International Symposium</i> , 2004 , 35, 586	0.5	2
30	Fast electro-optic switching of frequency modulation TN-LCDs fabricated by doping nanoparticles and their mechanism 2004 ,		3
29	Preparation and Catalysis of Inverted Core/Shell Structured Pd/Au Bimetallic Nanoparticles. <i>Australian Journal of Chemistry</i> , 2003 , 56, 1025	1.2	34
28	P-123: Influence of Metal Nanoparticle on Electro-Optic Response of Dual Frequency Nematic Liquid Crystal. <i>Digest of Technical Papers SID International Symposium</i> , 2003 , 34, 696	0.5	3

27	Facile fabrication of Ag-Pd bimetallic nanoparticles in ultrathin TiO ₂ -gel films: nanoparticle morphology and catalytic activity. <i>Journal of the American Chemical Society</i> , 2003 , 125, 11034-40	16.4	206
26	pH-dependent color change of colloidal dispersions of gold nanoclusters: effect of stabilizer. <i>European Physical Journal E</i> , 2002 , 8, 377-83	1.5	54
25	SELF-ORGANIZATION OF METAL NANOPARTICLES AND ITS APPLICATION TO SYNTHESSES OF Pd/Ag/Rh TRIMETALLIC NANOPARTICLE CATALYSTS WITH TRIPLE CORE/SHELL STRUCTURES. <i>International Journal of Nanoscience</i> , 2002 , 01, 397-401	0.6	10
24	Palladium Nanoparticles Covered with Liquid-Crystalline Molecules. Preparation and Electro-Optic Properties of Liquid-Crystal Displays Doped with Palladium Nanoparticles.. <i>Kobunshi Ronbunshu</i> , 2002 , 59, 753-759	0	12
23	Frequency modulation response of a liquid-crystal electro-optic device doped with nanoparticles. <i>Applied Physics Letters</i> , 2002 , 81, 2845-2847	3.4	216
22	Frequency Modulation Response of a Tunable Birefringent Mode Nematic Liquid Crystal Electrooptic Device Fabricated by Doping Nanoparticles of Pd Covered with Liquid-Crystal Molecules. <i>Japanese Journal of Applied Physics</i> , 2002 , 41, L1315-L1317	1.4	46
21	Effect of additional metal ions on catalyses of polymer-stabilized metal nanoclusters. <i>Journal of Molecular Catalysis A</i> , 2001 , 177, 139-147		32
20	Various ligand-stabilized metal nanoclusters as homogeneous and heterogeneous catalysts in the liquid phase. <i>Applied Organometallic Chemistry</i> , 2001 , 15, 178-196	3.1	141
19	Electrocatalysis for proton reduction by polypyridyl platinum complexes dispersed in a polymer membrane. <i>European Polymer Journal</i> , 2001 , 37, 753-761	5.2	15
18	Two-Dimensional Patterning of Nanoparticles Using Dissipative Structures. <i>Molecular Crystals and Liquid Crystals</i> , 2001 , 371, 123-126		4
17	Synthesis and catalysis of polymer-stabilized Ag and Ag/Pd colloids. <i>Studies in Surface Science and Catalysis</i> , 2001 , 132, 371-374	1.8	
16	Various ligand-stabilized metal nanoclusters as homogeneous and heterogeneous catalysts in the liquid phase 2001 , 15, 178		2
15	One-Step Synthesis of Terephthalic Acid from Benzene in Water Using Cyclodextrin as Catalyst. <i>Chemistry Letters</i> , 2000 , 29, 828-829	1.7	3
14	An active catalyst system for proton reduction composed of a bipyridyl platinum complex and a polymer membrane. <i>Macromolecular Chemistry and Physics</i> , 2000 , 201, 102-106	2.6	8
13	Effect of quantity of polymer on catalysis and superstructure size of polymer-protected Pt nanoclusters. <i>Inorganica Chimica Acta</i> , 2000 , 300-302, 964-969	2.7	22
12	Oxidation of ethylene catalyzed by colloidal dispersions of poly(sodium acrylate)-protected silver nanoclusters. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2000 , 169, 59-66	5.1	136
11	Preparation and Catalysis of Polymer-Protected Coinage Metal Nanoclusters.. <i>Kobunshi Ronbunshu</i> , 2000 , 57, 346-355	0	6
10	Selective synthesis of 2,6-naphthalenedicarboxylic acid by use of cyclodextrin as catalyst. <i>Journal of Molecular Catalysis A</i> , 1999 , 139, 149-158		9

9	Colloidal silver catalysts for oxidation of ethylene. <i>Journal of Molecular Catalysis A</i> , 1999 , 141, 187-192		155
8	One-step synthesis of 4,4'-biphenyldicarboxylic acid from biphenyl using cyclodextrin as catalyst. <i>Reactive and Functional Polymers</i> , 1998 , 36, 99-102	4.6	9
7	Conformation of β -Cyclodextrin-Aromatic Carboxylate Inclusion Complex in Aqueous Solution. <i>Polymer Journal</i> , 1996 , 28, 91-94	2.7	19
6	Selective Carboxylation of Benzoic Acid Using Cyclodextrin as Mediator. <i>Polymer Journal</i> , 1996 , 28, 619-626	2.6	9
5	Conformation of β -Cyclodextrin-2-Naphthalenecarboxylate Inclusion Complex in Aqueous Solution. <i>Polymer Journal</i> , 1995 , 27, 1064-1067	2.7	8
4	Selective synthesis of 4,4'-biphenyldicarboxylic acid using cyclodextrin as catalyst. <i>Macromolecular Rapid Communications</i> , 1995 , 16, 31-34	4.8	7
3	One-step synthesis of 2,6-naphthalenedicarboxylic acid from naphthalene using cyclodextrin as catalyst. <i>Macromolecular Rapid Communications</i> , 1995 , 16, 697-701	4.8	5
2	Syntheses of Titanium Butoxide Tris(polyfluoroalkanoate) and Surface Modification of Calcium Carbonate. <i>Bulletin of the Chemical Society of Japan</i> , 1991 , 64, 1648-1651	5.1	6
1	n-Type carbon nanotube sheets for high in-plane ZT values in double-doped electron-donating graft copolymers containing diphenylhydrazines. <i>Polymer Journal</i> ,	2.7	2