

Hitoshi Kasai

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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.

192 papers	4,422 citations	35 h-index	60 g-index
200 ext. papers	4,643 ext. citations	3.2 avg, IF	4.81 L-index

#	Paper	IF	Citations
192	A Novel Preparation Method of Organic Microcrystals. <i>Japanese Journal of Applied Physics</i> , 1992 , 31, L1132-L1134	1.4	536
191	Preparation of Large Freestanding GaN Substrates by Hydride Vapor Phase Epitaxy Using GaAs as a Starting Substrate. <i>Japanese Journal of Applied Physics</i> , 2001 , 40, L140-L143	1.4	269
190	Size-Dependent Colors and Luminescences of Organic Microcrystals. <i>Japanese Journal of Applied Physics</i> , 1996 , 35, L221-L223	1.4	250
189	Single-crystal-to-single-crystal transformation of diolefin derivatives in nanocrystals. <i>Journal of the American Chemical Society</i> , 2002 , 124, 10944-5	16.4	126
188	Creation of pure nanodrugs and their anticancer properties. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 10315-8	16.4	121
187	Crystal Size Dependence of Emission from Perylene Microcrystals. <i>Chemistry Letters</i> , 1997 , 26, 1181-1182.	7.7	109
186	Crystal Growth of Perylene Microcrystals in the Reprecipitation Method. <i>Bulletin of the Chemical Society of Japan</i> , 1998 , 71, 2597-2601	5.1	99
185	Ultralow-Dielectric-Constant Films Prepared from Hollow Polyimide Nanoparticles Possessing Controllable Core Sizes. <i>Chemistry of Materials</i> , 2009 , 21, 419-424	9.6	82
184	Size Control of Polydiacetylene Microcrystals. <i>Japanese Journal of Applied Physics</i> , 1996 , 35, L1364-L1366.	1.4	80
183	Size-Dependent Optical Properties of Polydiacetylene Nanocrystal. <i>Journal of Physical Chemistry B</i> , 2004 , 108, 7674-7680	3.4	72
182	Effect of solvent on organic nanocrystal growth using the reprecipitation method. <i>Journal of Crystal Growth</i> , 2006 , 294, 459-463	1.6	71
181	Test strips for heavy-metal ions fabricated from nanosized dye compounds. <i>Angewandte Chemie - International Edition</i> , 2006 , 45, 913-6	16.4	69
180	Fullerene Fine Crystals with Unique Shapes and Controlled Size. <i>Japanese Journal of Applied Physics</i> , 2009 , 48, 050206	1.4	66
179	Fabrication of Unique Porous Polyimide Nanoparticles Using a Reprecipitation Method. <i>Chemistry of Materials</i> , 2007 , 19, 1901-1905	9.6	66
178	Preparation and Characterization of Poly-Diacetylene Microcrystals. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 1997 , 34, 2013-2024	2.2	65
177	Photoinduced Charge Separation and Recombination Processes in Fine Particles of Oligothiophene-C60 Dyad Molecules. <i>Journal of Physical Chemistry B</i> , 2001 , 105, 9930-9934	3.4	62
176	A method for enhancing the ocular penetration of eye drops using nanoparticles of hydrolyzable dye. <i>Journal of Controlled Release</i> , 2011 , 153, 278-87	11.7	57

175	Multibranched C60Micro/Nanocrystals Fabricated by Reprecipitation Method. <i>Japanese Journal of Applied Physics</i> , 2008 , 47, 1426-1428	1.4	56
174	Highly Controlled Plasmonic Emission Enhancement from Metal-Semiconductor Quantum Dot Complex Nanostructures. <i>Journal of Physical Chemistry C</i> , 2013 , 117, 2455-2459	3.8	55
173	A Novel Method for Fixing the Anisotropic Orientation of Dispersed Organic Nanocrystals in a Magnetic Field. <i>Advanced Materials</i> , 2005 , 17, 160-163	24	55
172	Crystal Size Dependence of Fluorescence Spectra from Perylene Nanocrystals Evaluated by Scanning Near-Field Optical Microspectroscopy. <i>Japanese Journal of Applied Physics</i> , 2003 , 42, L111-L113 ^{1.4}	1.4	52
171	In situ and ex situ observations of the growth dynamics of single perylene nanocrystals in water. <i>Journal of the American Chemical Society</i> , 2006 , 128, 15944-5	16.4	51
170	Nano-wire crystals of π -conjugated organic materials. <i>Journal of Crystal Growth</i> , 2001 , 229, 586-590	1.6	48
169	Synthesis of ordered carbonaceous frameworks from organic crystals. <i>Nature Communications</i> , 2017 , 8, 109	17.4	45
168	A Fabrication Method of Organic Nanocrystals Using Stabilizer-Free Emulsion. <i>Crystal Growth and Design</i> , 2007 , 7, 600-602	3.5	44
167	Fabrication of organic nanocrystals using microwave irradiation and their optical properties. <i>Optical Materials</i> , 2003 , 21, 591-594	3.3	43
166	Novel Fabrication Process of Organic Microcrystals Using Microwave-Irradiation. <i>Japanese Journal of Applied Physics</i> , 2000 , 39, L1256-L1258	1.4	42
165	Optical Properties of Perylene Microcrystals. <i>Molecular Crystals and Liquid Crystals</i> , 1997 , 294, 173-176		41
164	Solid-state Polymerization of Diacetylene Microcrystals. <i>Molecular Crystals and Liquid Crystals</i> , 1995 , 267, 95-100		39
163	Methodological Features of the Emulsion and Reprecipitation Methods for Organic Nanocrystal Fabrication. <i>Crystal Growth and Design</i> , 2008 , 8, 369-371	3.5	37
162	Size and Form Control of Titanylphthalocyanine Microcrystals by Supercritical Fluid Crystallization Method. <i>Molecular Crystals and Liquid Crystals</i> , 1998 , 322, 167-172		37
161	Electrostatic Self-Assembly of Polydiacetylene Nanocrystals: Nonlinear Optical Properties and Chain Orientation. <i>Journal of Physical Chemistry B</i> , 1999 , 103, 11050-11056	3.4	37
160	Stopped-flow analysis on the mechanism of perylene nanoparticle formation by the reprecipitation method. <i>Journal of Crystal Growth</i> , 2009 , 311, 553-555	1.6	36
159	Preparation of large GaN substrates. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2002 , 93, 123-130	3.1	36
158	Various types of polydiacetylene microcrystals fabricated by reprecipitation technique and some applications. <i>Polymers for Advanced Technologies</i> , 2000 , 11, 783-790	3.2	34

- 157 STM Observation of Single Molecular Chains of π -Conjugated Polymers. *Chemistry Letters*, **2002**, 31, 696-697 32
- 156 Electric field-induced orientation of organic microcrystals with large dipole moment in dispersion liquid. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2000**, 169, 251-258 5.1 32
- 155 Organic Solvent-Free Fluorescence Confocal Imaging of Living Cells Using Pure Nanocrystal Forms of Fluorescent Dyes. *Japanese Journal of Applied Physics*, **2009**, 48, 117002 1.4 29
- 154 Hybridized Microcrystals Composed of Metal Fine Particles and π -Conjugated Organic Microcrystals. *Japanese Journal of Applied Physics*, **2001**, 40, L1129-L1131 1.4 29
- 153 Creation of nano eye-drops and effective drug delivery to the interior of the eye. *Scientific Reports*, **2017**, 7, 44229 4.9 28
- 152 The effect of molecular structure on the anticancer drug release rate from prodrug nanoparticles. *Chemical Communications*, **2015**, 51, 12835-8 5.8 28
- 151 Laser Flash Photolysis Study on Photochemical and Photophysical Properties of C60 Fine Particle. *Chemistry Letters*, **1997**, 26, 1211-1212 1.7 28
- 150 Electric-Field-Induced Orientation of Organic Microcrystals with Large Dipole Moment. *Japanese Journal of Applied Physics*, **1999**, 38, L659-L661 1.4 28
- 149 Using a polyelectrolyte to fabricate porous polyimide nanoparticles with crater-like pores. *Polymers for Advanced Technologies*, **2009**, 20, 43-47 3.2 26
- 148 Preparation of C60 Microcrystals Using High-Temperature and High-Pressure Liquid Crystallization Method. *Chemistry Letters*, **2000**, 29, 1392-1393 1.7 25
- 147 Preparation of Organic Microcrystals Using Supercritical Fluid Crystallization Method. *Japanese Journal of Applied Physics*, **1999**, 38, L81-L83 1.4 25
- 146 Drug Release is Determined by the Chain Length of Fatty Acid-Conjugated Anticancer Agent as One Component of Nano-Prodrug. *Bulletin of the Chemical Society of Japan*, **2016**, 89, 540-545 5.1 24
- 145 Nonlinear refractive indices of polydiacetylene microcrystals **1997**, 2998, 241 24
- 144 Laser flash photolysis study on photophysical and photochemical properties of C60 fine particles. *Journal of Photochemistry and Photobiology A: Chemistry*, **2000**, 133, 45-50 4.7 23
- 143 Photon Antibunching in the Emission from a Single Organic Dye Nanocrystal. *Japanese Journal of Applied Physics*, **2007**, 46, L268-L270 1.4 22
- 142 Temperature and Crystal Size Dependence of Excitonic Absorption for Polydiacetylene Microcrystals. *Molecular Crystals and Liquid Crystals*, **1998**, 314, 285-290 21
- 141 Fabrication and characterization of size-controlled CuTCNQ charge-transfer complex nanocrystals. *Journal of Crystal Growth*, **2009**, 311, 948-952 1.6 20
- 140 Self Assembly of Organic Microcrystals 1: Electrostatic Attachment of Polydiacetylene Microcrystals on a Polyelectrolyte Surface. *Japanese Journal of Applied Physics*, **1998**, 37, L343-L345 1.4 20

139	Nanocrystallization of Diarylethene and Photochromic Properties. <i>Crystal Growth and Design</i> , 2010 , 10, 2857-2859	3.5	19
138	Fabrication of Pure Nanodrugs of Podophyllotoxin Dimer and Their Anticancer Activity. <i>Chemistry Letters</i> , 2013 , 42, 900-901	1.7	18
137	Reversible and efficient anisotropic orientation of dispersed aromatic hydrocarbon nanocrystals in a magnetic field. <i>Journal of Materials Chemistry</i> , 2005 , 15, 253		18
136	Temperature- and size-effects on optical properties of perylene microcrystals. <i>Optical Materials</i> , 2003 , 21, 595-598	3.3	17
135	Fabrication and spectroscopic characterization of organic nanocrystals 2000 , 433-473		16
134	Cyclic transformation in shape and crystal structure of C60 microcrystals. <i>CrystEngComm</i> , 2012 , 14, 7787-7793	3.3	15
133	Diacetylene Nanowire Crystals Prepared by Reprecipitation/Microwave-Irradiation Method. <i>Japanese Journal of Applied Physics</i> , 2007 , 46, 7558-7561	1.4	15
132	Refractive Third-order Nonlinearity in Vanadium-oxide Phthalocyanine Micro-crystals. <i>Japanese Journal of Applied Physics</i> , 1999 , 38, 69-73	1.4	15
131	Thermal-induced shape transformation of solvated C60 microcrystals. <i>Carbon</i> , 2013 , 64, 370-376	10.4	14
130	Creation of Pure Nanodrugs and Their Anticancer Properties. <i>Angewandte Chemie</i> , 2012 , 124, 10461-10466	5.6	14
129	Monodispersed and Size-Controlled Diarylethene Nanoparticles Fabricated by the Reprecipitation Method. <i>Molecular Crystals and Liquid Crystals</i> , 2010 , 520, 245/[521]-250/[526]	0.5	14
128	Polystyrene-encapsulated diarylethene nanocrystals by soap-free emulsion polymerization. <i>Journal of Materials Chemistry</i> , 2011 , 21, 7892		14
127	Development of fabrication process for Ag/polydiacetylene (core/shell) hybridized nanocrystals. <i>Synthetic Metals</i> , 2009 , 159, 897-899	3.6	14
126	Test Strips for Heavy-Metal Ions Fabricated from Nanosized Dye Compounds. <i>Angewandte Chemie</i> , 2006 , 118, 927-930	3.6	14
125	Silver-Coated Polydiacetylene Nanocrystals Fabricated Using Surfactants as Binder. <i>Japanese Journal of Applied Physics</i> , 2006 , 45, 379-383	1.4	14
124	Silver-Deposited Polydiacetylene Nanocrystals Produced by Visible-Light-Driven Photocatalytic Reduction. <i>Japanese Journal of Applied Physics</i> , 2007 , 46, L336-L338	1.4	14
123	HETERO-MULTILAYERED THIN FILMS MADE UP OF POLYDIACETYLENE MICROCRYSTALS AND METAL FINE PARTICLES. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2001 , 38, 1371-1382	2.3	14
122	Fabrication of Porous Nanoscale Polyimide Structures. <i>Chemistry Letters</i> , 2008 , 37, 1056-1057	1.7	13

121	Surface structure effect on optical properties of organic nanocrystals. <i>Chemical Physics Letters</i> , 2007 , 441, 106-108	2.5	13
120	Anisotropic Orientation Control of Nonpolar Organic Nanocrystal Dispersion by External Fields. <i>Japanese Journal of Applied Physics</i> , 2007 , 46, 6893-6897	1.4	13
119	Fabrication of metal-coated organic microcrystals. <i>Polymers for Advanced Technologies</i> , 2000 , 11, 778-783	2	13
118	Ultrafast nonlinear refraction in integrated Fabry-Perot etalon containing polydiacetylene. <i>Electronics Letters</i> , 1999 , 35, 1078	1.1	13
117	Influence of Hydrolysis Susceptibility and Hydrophobicity of SN-38 Nano-Prodrugs on Their Anticancer Activity. <i>Bulletin of the Chemical Society of Japan</i> , 2019 , 92, 1305-1313	5.1	12
116	Nanocrystallization Mechanism of Organic Compounds in the Reprecipitation Method by Stopped-Flow Analysis. <i>Japanese Journal of Applied Physics</i> , 2009 , 48, 105003	1.4	12
115	Fabrication of Polydiacetylene Fibrous Microcrystals by the Reprecipitation Method. <i>Molecular Crystals and Liquid Crystals</i> , 1999 , 337, 25-30		12
114	Optical Kerr Shutter Response of Organic Microcrystals. <i>Japanese Journal of Applied Physics</i> , 1995 , 34, L1208-L1210	1.4	12
113	Fabrication of doped Cu-TCNQ nanocrystals and their optoelectronic properties. <i>CrystEngComm</i> , 2012 , 14, 7586	3.3	11
112	Excited-states and lightfastness of linear trans-quinacridone pigment nanoparticles. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2009 , 201, 208-213	4.7	11
111	Fabrication of size-controlled polyimide nanoparticles. <i>Journal of Nanoscience and Nanotechnology</i> , 2007 , 7, 2748-52	1.3	11
110	Mass-Production of Pigment Nanocrystals by the Reprecipitation Method and their Encapsulation. <i>Molecular Crystals and Liquid Crystals</i> , 2006 , 445, 177/[467]-183/[473]	0.5	11
109	Preparation of J-Aggregated Microcrystals of Pseudoisocyanine. <i>Molecular Crystals and Liquid Crystals</i> , 1994 , 252, 233-241		11
108	Fabrication of fluorescent copper complex nanoparticles by the heterogeneous reaction process. <i>Japanese Journal of Applied Physics</i> , 2014 , 53, 06JH03	1.4	10
107	Plasmon-Enhanced Photopolymerization of SU-8 on Rough Gold Surfaces. <i>Journal of Physical Chemistry C</i> , 2010 , 114, 19596-19599	3.8	10
106	Polydiacetylene Microcrystals for Third-Order Nonlinear Optics. <i>ACS Symposium Series</i> , 1997 , 183-198	0.4	10
105	Chemical Doping into Nanocrystals of Poly(diacetylene). <i>Japanese Journal of Applied Physics</i> , 2008 , 47, 3769-3771	1.4	10
104	Preparation of Multilayered Film of Polyimide Nanoparticles for Low-K Applications. <i>Molecular Crystals and Liquid Crystals</i> , 2007 , 464, 31/[613]-38/[620]	0.5	10

103	PREPARATION OF POLYIMIDE ULTRAFINE PARTICLES. <i>Molecular Crystals and Liquid Crystals</i> , 2003 , 406, 151-157	0.5	10
102	Electric-Field-Induced Orientation of Polar Organic Microcrystals with Different Crystal Sizes Dispersed in Liquid as a Novel Optical Devices. <i>Molecular Crystals and Liquid Crystals</i> , 2001 , 367, 11-17		10
101	Ultra-low dielectric properties of porous polyimide thin films fabricated by using the two kinds of templates with different particle sizes. <i>Polymer</i> , 2021 , 212, 123115	3.9	10
100	Topical ocular dexamethasone decreases intraocular pressure and body weight in rats. <i>Journal of Negative Results in BioMedicine</i> , 2016 , 15, 5		9
99	Cytotoxicity of Pure Nanodrugs of SN-38 and Podophyllotoxin Dimers in Human Cancer HepG2, KPL-4, and MCF-7 Cells. <i>Molecular Crystals and Liquid Crystals</i> , 2015 , 622, 1-5	0.5	9
98	Introducing porosity into polyimide nanoparticles. <i>Journal of Nanoscience and Nanotechnology</i> , 2008 , 8, 3171-5	1.3	9
97	Size control for fullerene C60 nanocrystals during the high temperature and high pressure fluid crystallization process. <i>Materials Letters</i> , 2007 , 61, 1738-1741	3.3	9
96	Synthesis and characterization of monodispersed polymer/polydiacetylene nanocrystal composite particles. <i>Journal of Nanoscience and Nanotechnology</i> , 2005 , 5, 937-44	1.3	9
95	Fabrication of pseudo single crystalline thin films composed of polydiacetylene nanofibers and their optical properties. <i>Optical Materials Express</i> , 2017 , 7, 2218	2.6	8
94	Fabrication of Nanocrystals from Diolefin Derivatives and Their Solid-State Photoreaction Behavior. <i>Crystal Growth and Design</i> , 2010 , 10, 510-517	3.5	8
93	New Class Materials of Organic/Inorganic Hybridized Nanocrystals/Nanoparticles, and Their Assembled Micro- and Nano-Structure Toward Photonics. <i>Advances in Polymer Science</i> , 2009 , 147-190	1.3	8
92	Improved third-order nonlinear optical properties of polydiacetylene derivatives 1999 ,		8
91	FRET-based intracellular investigation of nanoprodrugs toward highly efficient anticancer drug delivery. <i>Nanoscale</i> , 2020 , 12, 16710-16715	7.7	8
90	Morphological effects on the third-order nonlinear optical response of polydiacetylene nanofibers. <i>MRS Communications</i> , 2019 , 9, 1087-1092	2.7	7
89	Third-Order Nonlinear Optical Properties of Layered Type Hybridized Thin Films Consisting of Oriented Polydiacetylene Nanofibers and Silver Nanoparticles. <i>Journal of Physical Chemistry C</i> , 2019 , 123, 25781-25787	3.8	7
88	Densely packed organic nanocrystals ultrathin film using a liquid-liquid interface. <i>Synthetic Metals</i> , 2009 , 159, 847-850	3.6	7
87	Nanocrystallization Process of Diarylethene. <i>Molecular Crystals and Liquid Crystals</i> , 2011 , 539, 45/[385]-49/[389]		7
86	Using an organic additive to manipulate sizes of perylene nanoparticles. <i>Journal of Crystal Growth</i> , 2010 , 312, 431-436	1.6	7

85	Fabrication of Diacetylene Nanofibers and their Dynamic Behavior in the Course of Solid-State Polymerization. <i>Molecular Crystals and Liquid Crystals</i> , 2006 , 445, 161/[451]-166/[456]	0.5	7
84	All-optical switching potentiality in Fabry-Pérot devices containing poly-DCHD. <i>Optics Communications</i> , 2005 , 251, 376-387	2	7
83	Low-Cytotoxic Gold-Coated Silver Nanoflowers for Intracellular pH Sensing. <i>ACS Applied Nano Materials</i> , 2020 , 3, 7643-7650	5.6	7
82	Tropone Skeleton Enhances the Dispersion Stability of Nano-prodrugs. <i>Chemistry Letters</i> , 2020 , 49, 222-224	1.7	6
81	Fabrication of gold clusters photoreduced in gold-dendrimer complex nanoparticles. <i>Optical Materials Express</i> , 2017 , 7, 2224	2.6	6
80	Nanocrystallization of Insoluble Copper(I) Complex and Formation Mechanism. <i>Molecular Crystals and Liquid Crystals</i> , 2015 , 621, 150-155	0.5	6
79	Hybridization of Polydiacetylene Core and Metal Shell. <i>ECS Transactions</i> , 2009 , 16, 1-12	1	6
78	Fabrication and luminescence properties of Eu-complex/polyimide composite nanoparticles. <i>Journal of Materials Science</i> , 2009 , 44, 166-169	4.3	6
77	Poly(N-isopropylacrylamide)-Based Thermoresponsive Behavior of Fluorescent Organic Nanocrystals. <i>Japanese Journal of Applied Physics</i> , 2011 , 50, 010202	1.4	6
76	Electron Spectroscopic Imaging of Organic Fine Crystals. <i>Molecular Crystals and Liquid Crystals</i> , 1997 , 294, 71-74		6
75	Quinacridone Solubility in Hot-Compressed Water. <i>Journal of Chemical & Engineering Data</i> , 2007 , 52, 714-717	2.8	6
74	Monodispersed quinacridone nanocrystals prepared by a high-temperature and high-pressure liquid crystallization method. <i>Journal of Nanoscience and Nanotechnology</i> , 2003 , 3, 365-7	1.3	6
73	Perylene and Perylene-Derivative Nano-Cocrystals: Preparation and Physicochemical Property. <i>Japanese Journal of Applied Physics</i> , 2012 , 51, 125201	1.4	6
72	Solid-state polymerization behaviors of polydiacetylene nanofibers. <i>Molecular Crystals and Liquid Crystals</i> , 2020 , 704, 89-96	0.5	6
71	Enhanced Fluorescence Emission and Magnetic Alignment Control of Biphasic Functionalized Composite Janus Particles. <i>Particle and Particle Systems Characterization</i> , 2019 , 36, 1800311	3.1	6
70	Organic crystal-binding peptides: morphology control and one-pot formation of protein-displaying organic crystals. <i>Nanoscale</i> , 2015 , 7, 20155-63	7.7	5
69	Nanocrystallization effect on luminescence properties of polymer-metal complex with different kinds of ligands. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2018 , 92, 129-133	5.3	5
68	Facile deposition of gold nanoparticles on C60 microcrystals with unique shapes. <i>Journal of Nanoparticle Research</i> , 2013 , 15, 1	2.3	5

67	Photoresponse of azopyridine-modified polymer-metal complex nanocrystals. <i>Molecular Crystals and Liquid Crystals</i> , 2017 , 654, 109-114	0.5	5
66	Diarylethene Nanorods: Preparation, Crystal Structure, and Photochromic Properties. <i>Chemistry Letters</i> , 2013 , 42, 636-637	1.7	5
65	Silver Nanoparticles-Accelerated Photopolymerization of a Diacetylene Derivative. <i>Journal of Physical Chemistry C</i> , 2011 , 115, 22121-22125	3.8	5
64	Nanostructural characterization and catalytic analysis of hybridized platinum/phthalocyanine nanocomposites. <i>Microscopy (Oxford, England)</i> , 2009 , 58, 289-94	1.3	5
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62	Radical-initiator-Induced solid-state polymerization of butadiyne nanocrystals in water and their dispersion stabilization. <i>Journal of Nanoscience and Nanotechnology</i> , 2011 , 11, 3340-4	1.3	5
61	Femtosecond Transient Absorption Spectroscopy of Nanocrystalline Polydiacetylene Colloids. <i>Molecular Crystals and Liquid Crystals</i> , 1998 , 314, 95-100		5
60	Unique luminescence properties of Eu ³⁺ -doped polyimide. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2006 , 183, 280-284	4.7	5
59	Monodispersed Polydiacetylene-Polystyrene Composite Particles*. <i>Japanese Journal of Applied Physics</i> , 2003 , 42, L1213-L1215	1.4	5
58	FABRICATION AND OPTICAL PROPERTIES OF NANOCOMPLEXES COMPOSED OF METAL NANOPARTICLES AND ORGANIC DYES. <i>Journal of Nonlinear Optical Physics and Materials</i> , 2004 , 13, 587-592	0.8	5
57	Preparation and Luminescence Properties of Organic Phosphorescent Nanoparticles. <i>Japanese Journal of Applied Physics</i> , 2012 , 51, 025002	1.4	5
56	Organic nanocrystal enrichment in paper microfluidic analysis. <i>Sensors and Actuators B: Chemical</i> , 2021 , 333, 129548	8.5	5
55	Single-photon emission from a single nanoparticle consisting of a single conjugated polymer chain. <i>Synthetic Metals</i> , 2009 , 159, 805-808	3.6	4
54	A Convenient Method to Prepare Gold-Coated C60 Nanocrystals. <i>Molecular Crystals and Liquid Crystals</i> , 2008 , 492, 262/[626]-267/[631]	0.5	4
53	Study of a poly-1,6-dicarbazolyl-2,4-hexadiyne nanocrystal film by the fifth-order electroabsorption spectroscopy. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2005 , 22, 623	1.7	4
52	Orientation of Suspended Polar Organic Nanocrystals in Magnetic Fields: Effect of Magnetic Field Configuration. <i>Japanese Journal of Applied Physics</i> , 2003 , 42, L1343-L1345	1.4	4
51	SCANNING NEAR-FIELD OPTICAL MICROSCOPY OF SINGLE PERYLENE MICROCRYSTALS. <i>International Journal of Modern Physics B</i> , 2001 , 15, 3901-3903	1.1	4
50	Preparation of Organic-Inorganic Layered Perovskite Microcrystals. <i>Molecular Crystals and Liquid Crystals</i> , 1999 , 327, 115-118		4

- 49 One-Step Conversion to a Disubstituted Cyclopentenone from 2-Deoxy-d-Glucose and Application to Synthesis of Prostaglandin E1 Methyl Ester. *Bulletin of the Chemical Society of Japan*, **2018**, 91, 1691-1696 5.1 4
- 48 Formation of Five-Membered Carbocycles from d-Glucose: A Concise Synthesis of 4-Hydroxy-2-(hydroxymethyl)cyclopentenone. *Bulletin of the Chemical Society of Japan*, **2019**, 92, 1324-1328 5.1 3
- 47 Nanoscale deposition of metal-organic framework films on polymer nanosheets. *RSC Advances*, **2016**, 6, 74349-74353 3.7 3
- 46 Direct deposition of two nanomaterials with the same surface charge using a liquid-liquid interface. *Nanoscale*, **2012**, 4, 3857-60 7.7 3
- 45 Preparation and Luminescence Properties of Organic Phosphorescent Nanoparticles. *Japanese Journal of Applied Physics*, **2012**, 51, 025002 1.4 3
- 44 Optical and Electrical Properties of Size-Controlled Cu₇P₈S₈Tetracyanoquinodimethane Nanocrystals. *Japanese Journal of Applied Physics*, **2010**, 49, 01AE08 1.4 3
- 43 Preparation of Polydiacetylene Microcrystals and Their Properties.. *Nippon Kagaku Kaishi / Chemical Society of Japan - Chemistry and Industrial Chemistry Journal*, **1997**, 1997, 309-317 3
- 42 A New Production Process of Organic Pigment Nanocrystals. *Molecular Crystals and Liquid Crystals*, **2008**, 492, 268/[632]-274/[638] 0.5 3
- 41 A new model system for studying excited states of dye aggregates of photographic color paper. *Journal of Photochemistry and Photobiology A: Chemistry*, **2008**, 194, 129-135 4.7 3
- 40 Solid-State Polymerization Behavior of 1,3-Bis(3-quinolyl)-1,4-butadiyne. *Polymer Bulletin*, **2006**, 57, 737-746 3.4 3
- 39 Intensity-Controllable Luminescence of Eu³⁺-Doped Polyimide Nanoparticles by UV Irradiation and Heat-Treatment. *Japanese Journal of Applied Physics*, **2004**, 43, L516-L518 1.4 3
- 38 Titanyl phthalocyanine solubility in supercritical acetone. *Journal of Supercritical Fluids*, **2004**, 30, 281-285 1.2 3
- 37 Poly(N-isopropylacrylamide)-Based Thermoresponsive Behavior of Fluorescent Organic Nanocrystals. *Japanese Journal of Applied Physics*, **2011**, 50, 010202 1.4 3
- 36 Self-assemble tannic acid and iron complexes on pure nanodrugs surface prevents aggregation and enhances anticancer drug delivery efficiency. *Molecular Crystals and Liquid Crystals*, **2020**, 706, 116-121 0.5 3
- 35 Fabrication of Hinokitiol-modified podophyllotoxin nano-prodrugs having a high drug loading capacity. *Molecular Crystals and Liquid Crystals*, **2020**, 706, 79-85 0.5 3
- 34 Chemical modification utilizing a terminal structure exposed on the specific surface of polymer-metal complex nanocrystals.. *RSC Advances*, **2020**, 10, 6135-6138 3.7 2
- 33 Attempt to visualize terminal structure on a specific facet in polymer-metal complex nanocrystals.. *RSC Advances*, **2018**, 8, 16406-16409 3.7 2
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31	Functional Organic Nanocrystals 2011 ,		2
30	Anomalous Polyimide Nanoparticles Prepared from Blending of Unlike Polymers. <i>Molecular Crystals and Liquid Crystals</i> , 2009 , 504, 9-17	0.5	2
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