

# Hitoshi Kasai

## 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.

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	Structural Correlations of the Nonlinear Optical Response in Polydiacetylene Nanotubes Hybridized with Gold Nanoparticles. <i>Journal of Physical Chemistry C</i> , <b>2022</b> , 126, 2763-2771	3.8	0
191	Total synthesis and antimicrobial evaluation of (+)-hygrophorone B and its analogues.. <i>Scientific Reports</i> , <b>2022</b> , 12, 7471	4.9	0
190	Organic nanocrystal enrichment in paper microfluidic analysis. <i>Sensors and Actuators B: Chemical</i> , <b>2021</b> , 333, 129548	8.5	5
189	Ultra-low dielectric properties of porous polyimide thin films fabricated by using the two kinds of templates with different particle sizes. <i>Polymer</i> , <b>2021</b> , 212, 123115	3.9	10
188	Serum Albumin-treated SN-38 Prodrug Nanoparticles toward Cancer Treatment. <i>Chemistry Letters</i> , <b>2021</b> , 50, 1555-1558	1.7	1
187	Gold-Photodeposited Silver Nanowire Endoscopy for Cytosolic and Nuclear pH Sensing. <i>ACS Applied Nano Materials</i> , <b>2021</b> , 4, 9886-9894	5.6	1
186	Fabrication of size-controlled SN-38 pure drug nanocrystals through an ultrasound-assisted reprecipitation method toward efficient drug delivery for cancer treatment. <i>Journal of Crystal Growth</i> , <b>2021</b> , 572, 126265	1.6	1
185	Tropone Skeleton Enhances the Dispersion Stability of Nano-prodrugs. <i>Chemistry Letters</i> , <b>2020</b> , 49, 222-224	2.4	6
184	Chemical modification utilizing a terminal structure exposed on the specific surface of polymer-metal complex nanocrystals.. <i>RSC Advances</i> , <b>2020</b> , 10, 6135-6138	3.7	2
183	Low-Cytotoxic Gold-Coated Silver Nanoflowers for Intracellular pH Sensing. <i>ACS Applied Nano Materials</i> , <b>2020</b> , 3, 7643-7650	5.6	7
182	FRET-based intracellular investigation of nanoprodrugs toward highly efficient anticancer drug delivery. <i>Nanoscale</i> , <b>2020</b> , 12, 16710-16715	7.7	8
181	Solid-state polymerization behaviors of polydiacetylene nanofibers. <i>Molecular Crystals and Liquid Crystals</i> , <b>2020</b> , 704, 89-96	0.5	6
180	Self-assemble tannic acid and iron complexes on pure nanodrugs surface prevents aggregation and enhances anticancer drug delivery efficiency. <i>Molecular Crystals and Liquid Crystals</i> , <b>2020</b> , 706, 116-121	0.5	3
179	Effect of the chemical structure on the drug release from brinzolamide based nano eye-drops. <i>Molecular Crystals and Liquid Crystals</i> , <b>2020</b> , 706, 122-128	0.5	2
178	Fabrication of Hinokitiol-modified podophyllotoxin nano-prodrugs having a high drug loading capacity. <i>Molecular Crystals and Liquid Crystals</i> , <b>2020</b> , 706, 79-85	0.5	3
177	Formation of Five-Membered Carbocycles from d-Glucose: A Concise Synthesis of 4-Hydroxy-2-(hydroxymethyl)cyclopentenone. <i>Bulletin of the Chemical Society of Japan</i> , <b>2019</b> , 92, 1324-1328	5.1	3
176	Janus Particles: Enhanced Fluorescence Emission and Magnetic Alignment Control of Biphasic Functionalized Composite Janus Particles (Part. Part. Syst. Charact. 1/2019). <i>Particle and Particle Systems Characterization</i> , <b>2019</b> , 36, 1970002	3.1	

175	A facile synthesis of (+)/(–)pentenomycin I and analogs, and their antimicrobial evaluation. <i>Tetrahedron Letters</i> , <b>2019</b> , 60, 1375-1378	2	1
174	Influence of Hydrolysis Susceptibility and Hydrophobicity of SN-38 Nano-Prodrugs on Their Anticancer Activity. <i>Bulletin of the Chemical Society of Japan</i> , <b>2019</b> , 92, 1305-1313	5.1	12
173	Morphological effects on the third-order nonlinear optical response of polydiacetylene nanofibers. <i>MRS Communications</i> , <b>2019</b> , 9, 1087-1092	2.7	7
172	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> , <b>2019</b> , 123, 25781-25787	3.8	7
171	Enhanced Fluorescence Emission and Magnetic Alignment Control of Biphasic Functionalized Composite Janus Particles. <i>Particle and Particle Systems Characterization</i> , <b>2019</b> , 36, 1800311	3.1	6
170	Attempt to visualize terminal structure on a specific facet in polymer-metal complex nanocrystals.. <i>RSC Advances</i> , <b>2018</b> , 8, 16406-16409	3.7	2
169	Nanocrystallization effect on luminescence properties of polymer-metal complex with different kinds of ligands. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , <b>2018</b> , 92, 129-133	5.3	5
168	Fabrication Technique of Organic Nanocrystals and Their Optical Properties and Materialization <b>2018</b> , 739-744		
167	One-Step Conversion to a Disubstituted Cyclopentenone from 2-Deoxy-d-Glucose and Application to Synthesis of Prostaglandin E1 Methyl Ester. <i>Bulletin of the Chemical Society of Japan</i> , <b>2018</b> , 91, 1691-1696	5.1	4
166	Creation of nano eye-drops and effective drug delivery to the interior of the eye. <i>Scientific Reports</i> , <b>2017</b> , 7, 44229	4.9	28
165	Synthesis of ordered carbonaceous frameworks from organic crystals. <i>Nature Communications</i> , <b>2017</b> , 8, 109	17.4	45
164	Photoresponse of azopyridine-modified polymer-metal complex nanocrystals. <i>Molecular Crystals and Liquid Crystals</i> , <b>2017</b> , 654, 109-114	0.5	5
163	Fabrication of pseudo single crystalline thin films composed of polydiacetylene nanofibers and their optical properties. <i>Optical Materials Express</i> , <b>2017</b> , 7, 2218	2.6	8
162	Fabrication of gold clusters photoreduced in gold-dendrimer complex nanoparticles. <i>Optical Materials Express</i> , <b>2017</b> , 7, 2224	2.6	6
161	Nanoscale deposition of metal-organic framework films on polymer nanosheets. <i>RSC Advances</i> , <b>2016</b> , 6, 74349-74353	3.7	3
160	Drug Release is Determined by the Chain Length of Fatty Acid-Conjugated Anticancer Agent as One Component of Nano-Prodrug. <i>Bulletin of the Chemical Society of Japan</i> , <b>2016</b> , 89, 540-545	5.1	24
159	Topical ocular dexamethasone decreases intraocular pressure and body weight in rats. <i>Journal of Negative Results in BioMedicine</i> , <b>2016</b> , 15, 5		9
158	Dispersion control of perylene fluorophores in a polystyrene microsphere. <i>Molecular Crystals and Liquid Crystals</i> , <b>2016</b> , 629, 239-242	0.5	

157	The effect of molecular structure on the anticancer drug release rate from prodrug nanoparticles. <i>Chemical Communications</i> , <b>2015</b> , 51, 12835-8	5.8	28
156	Organic crystal-binding peptides: morphology control and one-pot formation of protein-displaying organic crystals. <i>Nanoscale</i> , <b>2015</b> , 7, 20155-63	7.7	5
155	Nanocrystallization of Insoluble Copper(I) Complex and Formation Mechanism. <i>Molecular Crystals and Liquid Crystals</i> , <b>2015</b> , 621, 150-155	0.5	6
154	Novel Development for Fabrication of Size- and Morphology-controlled Titanylphthalocyanine Nanocrystals. <i>Chemistry Letters</i> , <b>2015</b> , 44, 1232-1233	1.7	1
153	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> , <b>2015</b> , 622, 1-5	0.5	9
152	Fabrication of fluorescent copper complex nanoparticles by the heterogeneous reaction process. <i>Japanese Journal of Applied Physics</i> , <b>2014</b> , 53, 06JH03	1.4	10
151	Facile deposition of gold nanoparticles on C60 microcrystals with unique shapes. <i>Journal of Nanoparticle Research</i> , <b>2013</b> , 15, 1	2.3	5
150	Thermal-induced shape transformation of solvated C60 microcrystals. <i>Carbon</i> , <b>2013</b> , 64, 370-376	10.4	14
149	Highly Controlled Plasmonic Emission Enhancement from Metal-Semiconductor Quantum Dot Complex Nanostructures. <i>Journal of Physical Chemistry C</i> , <b>2013</b> , 117, 2455-2459	3.8	55
148	Fabrication of Pure Nanodrugs of Podophyllotoxin Dimer and Their Anticancer Activity. <i>Chemistry Letters</i> , <b>2013</b> , 42, 900-901	1.7	18
147	Diarylethene Nanorods: Preparation, Crystal Structure, and Photochromic Properties. <i>Chemistry Letters</i> , <b>2013</b> , 42, 636-637	1.7	5
146	Direct deposition of two nanomaterials with the same surface charge using a liquid-liquid interface. <i>Nanoscale</i> , <b>2012</b> , 4, 3857-60	7.7	3
145	Preparation and Luminescence Properties of Organic Phosphorescent Nanoparticles. <i>Japanese Journal of Applied Physics</i> , <b>2012</b> , 51, 025002	1.4	3
144	Creation of Pure Nanodrugs and Their Anticancer Properties. <i>Angewandte Chemie</i> , <b>2012</b> , 124, 10461-10464	5.6	14
143	Creation of pure nanodrugs and their anticancer properties. <i>Angewandte Chemie - International Edition</i> , <b>2012</b> , 51, 10315-8	16.4	121
142	Relationship between the Surface Morphology and Optical Property of Organic Nanocrystals. <i>Molecular Crystals and Liquid Crystals</i> , <b>2012</b> , 566, 147-150	0.5	
141	Fabrication of doped Cu-TCNQ nanocrystals and their optoelectronic properties. <i>CrystEngComm</i> , <b>2012</b> , 14, 7586	3.3	11
140	Fabrication of Polyimide Porous Nanostructures for Low-k Materials <b>2012</b> ,		1

- 139 Cyclic transformation in shape and crystal structure of C60 microcrystals. *CrystEngComm*, **2012**, 14, 7787-7793, 3 15
- 138 Preparation and Luminescence Properties of Organic Phosphorescent Nanoparticles. *Japanese Journal of Applied Physics*, **2012**, 51, 025002 1.4 5
- 137 Perylene and Perylene-Derivative Nano-Cocrystals: Preparation and Physicochemical Property. *Japanese Journal of Applied Physics*, **2012**, 51, 125201 1.4 6
- 136 Fabrication technique of organic nanocrystals and their optical properties and materialization **2012**, 596-601
- 135 Stopped-Flow Studies of the Formation of Organic Nanocrystals in the Reprecipitation Method **2011**, 2
- 134 Functional Organic Nanocrystals **2011**, 2
- 133 A method for enhancing the ocular penetration of eye drops using nanoparticles of hydrolyzable dye. *Journal of Controlled Release*, **2011**, 153, 278-87 11.7 57
- 132 Polystyrene-encapsulated diarylethene nanocrystals by soap-free emulsion polymerization. *Journal of Materials Chemistry*, **2011**, 21, 7892 14
- 131 Silver Nanoparticles-Accelerated Photopolymerization of a Diacetylene Derivative. *Journal of Physical Chemistry C*, **2011**, 115, 22121-22125 3.8 5
- 130 Poly(N-isopropylacrylamide)-Based Thermoresponsive Behavior of Fluorescent Organic Nanocrystals. *Japanese Journal of Applied Physics*, **2011**, 50, 010202 1.4 6
- 129 Assembly of Fullerene Nanoparticles Using a Liquid-Liquid Interface. *Molecular Crystals and Liquid Crystals*, **2011**, 539, 68/[408]-72/[412] 0.5 5
- 128 Radical-initiator-Induced solid-state polymerization of butadiyne nanocrystals in water and their dispersion stabilization. *Journal of Nanoscience and Nanotechnology*, **2011**, 11, 3340-4 1.3 5
- 127 Nanocrystallization Process of Diarylethene. *Molecular Crystals and Liquid Crystals*, **2011**, 539, 45/[385]-49/[389] 1.4 5
- 126 Poly(N-isopropylacrylamide)-Based Thermoresponsive Behavior of Fluorescent Organic Nanocrystals. *Japanese Journal of Applied Physics*, **2011**, 50, 010202 1.4 3
- 125 Improved Eu Luminescence Properties in Eu-Doped GaN Grown on GaN Substrates by Organometallic Vapor Phase Epitaxy. *Japanese Journal of Applied Physics*, **2010**, 49, 048001 1.4 1
- 124 Optical and Electrical Properties of Size-Controlled Cu<sub>2</sub>(Pz)<sub>2</sub> and Cu<sub>2</sub>(Pz)<sub>2</sub> Nanocrystals. *Japanese Journal of Applied Physics*, **2010**, 49, 01AE08 1.4 3
- 123 Fabrication of Nanocrystals from Diolefin Derivatives and Their Solid-State Photoreaction Behavior. *Crystal Growth and Design*, **2010**, 10, 510-517 3.5 8
- 122 Monodispersed and Size-Controlled Diarylethene Nanoparticles Fabricated by the Reprecipitation Method. *Molecular Crystals and Liquid Crystals*, **2010**, 520, 245/[521]-250/[526] 0.5 14

121	Plasmon-Enhanced Photopolymerization of SU-8 on Rough Gold Surfaces. <i>Journal of Physical Chemistry C</i> , <b>2010</b> , 114, 19596-19599	3.8	10
120	Nanocrystallization of Diarylethene and Photochromic Properties. <i>Crystal Growth and Design</i> , <b>2010</b> , 10, 2857-2859	3.5	19
119	Using an organic additive to manipulate sizes of perylene nanoparticles. <i>Journal of Crystal Growth</i> , <b>2010</b> , 312, 431-436	1.6	7
118	Hybridization of Polydiacetylene Core and Metal Shell. <i>ECS Transactions</i> , <b>2009</b> , 16, 1-12	1	6
117	New Class Materials of Organic/Inorganic Hybridized Nanocrystals/Nanoparticles, and Their Assembled Micro- and Nano-Structure Toward Photonics. <i>Advances in Polymer Science</i> , <b>2009</b> , 147-190	1.3	8
116	Nanocrystallization Mechanism of Organic Compounds in the Reprecipitation Method by Stopped-Flow Analysis. <i>Japanese Journal of Applied Physics</i> , <b>2009</b> , 48, 105003	1.4	12
115	Nanostructural characterization and catalytic analysis of hybridized platinum/phthalocyanine nanocomposites. <i>Microscopy (Oxford, England)</i> , <b>2009</b> , 58, 289-94	1.3	5
114	Fabrication and luminescence properties of Eu-complex/polyimide composite nanoparticles. <i>Journal of Materials Science</i> , <b>2009</b> , 44, 166-169	4.3	6
113	Using a polyelectrolyte to fabricate porous polyimide nanoparticles with crater-like pores. <i>Polymers for Advanced Technologies</i> , <b>2009</b> , 20, 43-47	3.2	26
112	Stopped-flow analysis on the mechanism of perylene nanoparticle formation by the reprecipitation method. <i>Journal of Crystal Growth</i> , <b>2009</b> , 311, 553-555	1.6	36
111	Fabrication and characterization of size-controlled CuTCNQ charge-transfer complex nanocrystals. <i>Journal of Crystal Growth</i> , <b>2009</b> , 311, 948-952	1.6	20
110	Excited-states and lightfastness of linear trans-quinacridone pigment nanoparticles. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , <b>2009</b> , 201, 208-213	4.7	11
109	Ultralow-Dielectric-Constant Films Prepared from Hollow Polyimide Nanoparticles Possessing Controllable Core Sizes. <i>Chemistry of Materials</i> , <b>2009</b> , 21, 419-424	9.6	82
108	Fullerene Fine Crystals with Unique Shapes and Controlled Size. <i>Japanese Journal of Applied Physics</i> , <b>2009</b> , 48, 050206	1.4	66
107	Organic Solvent-Free Fluorescence Confocal Imaging of Living Cells Using Pure Nanocrystal Forms of Fluorescent Dyes. <i>Japanese Journal of Applied Physics</i> , <b>2009</b> , 48, 117002	1.4	29
106	Single-photon emission from a single nanoparticle consisting of a single conjugated polymer chain. <i>Synthetic Metals</i> , <b>2009</b> , 159, 805-808	3.6	4
105	Densely packed organic nanocrystals ultrathin film using a liquid-liquid interface. <i>Synthetic Metals</i> , <b>2009</b> , 159, 847-850	3.6	7
104	Development of fabrication process for Ag/polydiacetylene (core/shell) hybridized nanocrystals. <i>Synthetic Metals</i> , <b>2009</b> , 159, 897-899	3.6	14

103	Anomalous Polyimide Nanoparticles Prepared from Blending of Unlike Polymers. <i>Molecular Crystals and Liquid Crystals</i> , <b>2009</b> , 504, 9-17	0.5	2
102	Fabrication of Organic Nanocrystals and Novel NanoHybrid Materials. <i>Advances in Materials Research</i> , <b>2009</b> , 81-100		1
101	Application of Pigment Nanocrystals Produced by the Reprecipitation Method. <i>Journal of the Japan Society of Colour Material</i> , <b>2009</b> , 82, 411-416	0	
100	A New Production Process of Organic Pigment Nanocrystals. <i>Molecular Crystals and Liquid Crystals</i> , <b>2008</b> , 492, 268/[632]-274/[638]	0.5	3
99	Methodological Features of the Emulsion and Reprecipitation Methods for Organic Nanocrystal Fabrication. <i>Crystal Growth and Design</i> , <b>2008</b> , 8, 369-371	3.5	37
98	Size-controlled production of quinacridone nanocrystals using hot compressed water recrystallization method. <i>Dyes and Pigments</i> , <b>2008</b> , 76, 632-635	4.6	1
97	Introducing porosity into polyimide nanoparticles. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2008</b> , 8, 3171-5	1.3	9
96	Nanocrystal Fabrication of Acrylic Acid Derivatives with a Long-Alkyl Group and Their Solid-State Polymerization. <i>Molecular Crystals and Liquid Crystals</i> , <b>2008</b> , 492, 70/[434]-76/[440]	0.5	1
95	Multibranched C60Micro/Nanocrystals Fabricated by Reprecipitation Method. <i>Japanese Journal of Applied Physics</i> , <b>2008</b> , 47, 1426-1428	1.4	56
94	Chemical Doping into Nanocrystals of Poly(diacetylene). <i>Japanese Journal of Applied Physics</i> , <b>2008</b> , 47, 3769-3771	1.4	10
93	A Convenient Method to Prepare Gold-Coated C60 Nanocrystals. <i>Molecular Crystals and Liquid Crystals</i> , <b>2008</b> , 492, 262/[626]-267/[631]	0.5	4
92	Fabrication of Porous Nanoscale Polyimide Structures. <i>Chemistry Letters</i> , <b>2008</b> , 37, 1056-1057	1.7	13
91	A new model system for studying excited states of dye aggregates of photographic color paper. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , <b>2008</b> , 194, 129-135	4.7	3
90	Quinacridone Solubility in Hot-Compressed Water. <i>Journal of Chemical &amp; Engineering Data</i> , <b>2007</b> , 52, 714-717	2.8	6
89	Fabrication of Unique Porous Polyimide Nanoparticles Using a Reprecipitation Method. <i>Chemistry of Materials</i> , <b>2007</b> , 19, 1901-1905	9.6	66
88	Diacetylene Nanowire Crystals Prepared by Reprecipitation/Microwave-Irradiation Method. <i>Japanese Journal of Applied Physics</i> , <b>2007</b> , 46, 7558-7561	1.4	15
87	A Fabrication Method of Organic Nanocrystals Using Stabilizer-Free Emulsion. <i>Crystal Growth and Design</i> , <b>2007</b> , 7, 600-602	3.5	44
86	Surface structure effect on optical properties of organic nanocrystals. <i>Chemical Physics Letters</i> , <b>2007</b> , 441, 106-108	2.5	13



85	Size control for fullerene C60 nanocrystals during the high temperature and high pressure fluid crystallization process. <i>Materials Letters</i> , <b>2007</b> , 61, 1738-1741	3.3	9
84	Fabrication of size-controlled polyimide nanoparticles. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2007</b> , 7, 2748-52	1.3	11
83	Photon Antibunching in the Emission from a Single Organic Dye Nanocrystal. <i>Japanese Journal of Applied Physics</i> , <b>2007</b> , 46, L268-L270	1.4	22
82	Anisotropic Orientation Control of Nonpolar Organic Nanocrystal Dispersion by External Fields. <i>Japanese Journal of Applied Physics</i> , <b>2007</b> , 46, 6893-6897	1.4	13
81	Silver-Deposited Polydiacetylene Nanocrystals Produced by Visible-Light-Driven Photocatalytic Reduction. <i>Japanese Journal of Applied Physics</i> , <b>2007</b> , 46, L336-L338	1.4	14
80	Preparation of Multilayered Film of Polyimide Nanoparticles for Low-K Applications. <i>Molecular Crystals and Liquid Crystals</i> , <b>2007</b> , 464, 31/[613]-38/[620]	0.5	10
79	Fabrication and Characterization of Size- and Shape-Controlled C60 Nano/microcrystals by Solvent-Induced Reprecipitation Process (SIRP). <i>Materials Research Society Symposia Proceedings</i> , <b>2007</b> , 1054, 9		2
78	Solid-State Polymerization Behavior of 1,3-Bis(3-quinolyl)-1,4-butadiyne. <i>Polymer Bulletin</i> , <b>2006</b> , 57, 737-746	3.4	3
77	Test strips for heavy-metal ions fabricated from nanosized dye compounds. <i>Angewandte Chemie - International Edition</i> , <b>2006</b> , 45, 913-6	16.4	69
76	Test Strips for Heavy-Metal Ions Fabricated from Nanosized Dye Compounds. <i>Angewandte Chemie</i> , <b>2006</b> , 118, 927-930	3.6	14
75	Silver-Coated Polydiacetylene Nanocrystals Fabricated Using Surfactants as Binder. <i>Japanese Journal of Applied Physics</i> , <b>2006</b> , 45, 379-383	1.4	14
74	Continuous Production of Quinacridone Nanocrystals and Control of Crystal Form by High-Temperature Water Crystallization Method. <i>Japanese Journal of Applied Physics</i> , <b>2006</b> , 45, 375-378	1.4	2
73	Fabrication of Diacetylene Nanofibers and their Dynamic Behavior in the Course of Solid-State Polymerization. <i>Molecular Crystals and Liquid Crystals</i> , <b>2006</b> , 445, 161/[451]-166/[456]	0.5	7
72	In situ and ex situ observations of the growth dynamics of single perylene nanocrystals in water. <i>Journal of the American Chemical Society</i> , <b>2006</b> , 128, 15944-5	16.4	51
71	Mass-Production of Pigment Nanocrystals by the Reprecipitation Method and their Encapsulation. <i>Molecular Crystals and Liquid Crystals</i> , <b>2006</b> , 445, 177/[467]-183/[473]	0.5	11
70	Unique luminescence properties of Eu <sup>3+</sup> -doped polyimide. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , <b>2006</b> , 183, 280-284	4.7	5
69	Effect of solvent on organic nanocrystal growth using the reprecipitation method. <i>Journal of Crystal Growth</i> , <b>2006</b> , 294, 459-463	1.6	71
68	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> , <b>2005</b> , 22, 623	1.7	4



67	Reversible and efficient anisotropic orientation of dispersed aromatic hydrocarbon nanocrystals in a magnetic field. <i>Journal of Materials Chemistry</i> , <b>2005</b> , 15, 253		18
66	All-optical switching potentiality in Fabry-Pérot devices containing poly-DCHD. <i>Optics Communications</i> , <b>2005</b> , 251, 376-387	2	7
65	A Novel Method for Fixing the Anisotropic Orientation of Dispersed Organic Nanocrystals in a Magnetic Field. <i>Advanced Materials</i> , <b>2005</b> , 17, 160-163	24	55
64	Synthesis and characterization of monodispersed polymer/polydiacetylene nanocrystal composite particles. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2005</b> , 5, 937-44	1.3	9
63	Intensity-Controllable Luminescence of Eu <sup>3+</sup> -Doped Polyimide Nanoparticles by UV Irradiation and Heat-Treatment. <i>Japanese Journal of Applied Physics</i> , <b>2004</b> , 43, L516-L518	1.4	3
62	Fabrication of Polydiacetylene Nanocrystals Deposited with Silver Nanoparticles for a Nonlinear Optical Material. <i>Materials Research Society Symposia Proceedings</i> , <b>2004</b> , 846, DD10.7.1		1
61	FABRICATION AND OPTICAL PROPERTIES OF NANOCOMPLEXES COMPOSED OF METAL NANOPARTICLES AND ORGANIC DYES. <i>Journal of Nonlinear Optical Physics and Materials</i> , <b>2004</b> , 13, 587-592	0.8	5
60	Size-effect on Fluorescence Spectrum of Perylene Nanocrystal Studied by Single-particle Microspectroscopy Coupled with Atomic Force Microscope Observation. <i>Materials Research Society Symposia Proceedings</i> , <b>2004</b> , 846, DD10.8.1		2
59	Titanyl phthalocyanine solubility in supercritical acetone. <i>Journal of Supercritical Fluids</i> , <b>2004</b> , 30, 281-285.	1.2	3
58	Size-Dependent Optical Properties of Polydiacetylene Nanocrystal. <i>Journal of Physical Chemistry B</i> , <b>2004</b> , 108, 7674-7680	3.4	72
57	Fabrication of Organic Dyes Nanocrystals Using Various Techniques and Their Optical Properties. <i>Journal of the Japan Society of Colour Material</i> , <b>2004</b> , 77, 128-132	0	
56	PREPARATION OF POLYIMIDE ULTRAFINE PARTICLES. <i>Molecular Crystals and Liquid Crystals</i> , <b>2003</b> , 406, 151-157	0.5	10
55	Orientation of Suspended Polar Organic Nanocrystals in Magnetic Fields: Effect of Magnetic Field Configuration. <i>Japanese Journal of Applied Physics</i> , <b>2003</b> , 42, L1343-L1345	1.4	4
54	Monodispersed Polydiacetylene-Polystyrene Composite Particles*. <i>Japanese Journal of Applied Physics</i> , <b>2003</b> , 42, L1213-L1215	1.4	5
53	Monodispersed quinacridone nanocrystals prepared by a high-temperature and high-pressure liquid crystallization method. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2003</b> , 3, 365-7	1.3	6
52	Fabrication of organic nanocrystals using microwave irradiation and their optical properties. <i>Optical Materials</i> , <b>2003</b> , 21, 591-594	3.3	43
51	Temperature- and size-effects on optical properties of perylene microcrystals. <i>Optical Materials</i> , <b>2003</b> , 21, 595-598	3.3	17
50	Crystal Size Dependence of Fluorescence Spectra from Perylene Nanocrystals Evaluated by Scanning Near-Field Optical Microspectroscopy. <i>Japanese Journal of Applied Physics</i> , <b>2003</b> , 42, L111-L113	1.4	52

49	FABRICATION AND CHARACTERIZATION OF QUINACRIDONES NANOCRYSTALS BY HIGH-TEMPERATURE AND HIGH-PRESSURE CRYSTALLIZATION METHOD. <i>International Journal of Nanoscience</i> , <b>2002</b> , 01, 587-592	0.6	2
48	Preparation of Poly(amic acid) Nanoparticles Using the Reprecipitation Method and Their Imidization.. <i>Kobunshi Ronbunshu</i> , <b>2002</b> , 59, 637-641	0	2
47	STM Observation of Single Molecular Chains of $\pi$ -Conjugated Polymers. <i>Chemistry Letters</i> , <b>2002</b> , 31, 696-697	0.7	32
46	Single-crystal-to-single-crystal transformation of diolefin derivatives in nanocrystals. <i>Journal of the American Chemical Society</i> , <b>2002</b> , 124, 10944-5	16.4	126
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43	Hybridized Microcrystals Composed of Metal Fine Particles and $\pi$ -Conjugated Organic Microcrystals. <i>Japanese Journal of Applied Physics</i> , <b>2001</b> , 40, L1129-L1131	1.4	29
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38	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> , <b>2001</b> , 367, 11-17		10
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34	Electric field-induced orientation of organic microcrystals with large dipole moment in dispersion liquid. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2000</b> , 169, 251-258	5.1	32
33	Laser flash photolysis study on photophysical and photochemical properties of C60 fine particles. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , <b>2000</b> , 133, 45-50	4.7	23
32	Novel Fabrication Process of Organic Microcrystals Using Microwave-Irradiation. <i>Japanese Journal of Applied Physics</i> , <b>2000</b> , 39, L1256-L1258	1.4	42

31	Fabrication and spectroscopic characterization of organic nanocrystals <b>2000</b> , 433-473		16
30	Refractive Third-order Nonlinearity in Vanadium-oxide Phthalocyanine Micro-crystals. <i>Japanese Journal of Applied Physics</i> , <b>1999</b> , 38, 69-73	1.4	15
29	Electric-Field-Induced Orientation of Organic Microcrystals with Large Dipole Moment. <i>Japanese Journal of Applied Physics</i> , <b>1999</b> , 38, L659-L661	1.4	28
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27	Preparation of Organic Microcrystals Using Supercritical Fluid Crystallization Method. <i>Japanese Journal of Applied Physics</i> , <b>1999</b> , 38, L81-L83	1.4	25
26	Fabrication of Polydiacetylene Fibrous Microcrystals by the Reprecipitation Method. <i>Molecular Crystals and Liquid Crystals</i> , <b>1999</b> , 337, 25-30		12
25	Preparation of Organic-Inorganic Layered Perovskite Microcrystals. <i>Molecular Crystals and Liquid Crystals</i> , <b>1999</b> , 327, 115-118		4
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22	Femtosecond Transient Absorption Spectroscopy of Nanocrystalline Polydiacetylene Colloids. <i>Molecular Crystals and Liquid Crystals</i> , <b>1998</b> , 314, 95-100		5
21	Temperature and Crystal Size Dependence of Excitonic Absorption for Polydiacetylene Microcrystals. <i>Molecular Crystals and Liquid Crystals</i> , <b>1998</b> , 314, 285-290		21
20	Size and Form Control of Titanylphthalocyanine Microcrystals by Supercritical Fluid Crystallization Method. <i>Molecular Crystals and Liquid Crystals</i> , <b>1998</b> , 322, 167-172		37
19	Self Assembly of Organic Microcrystals 1: Electrostatic Attachment of Polydiacetylene Microcrystals on a Polyelectrolyte Surface. <i>Japanese Journal of Applied Physics</i> , <b>1998</b> , 37, L343-L345	1.4	20
18	Crystal Growth of Perylene Microcrystals in the Reprecipitation Method. <i>Bulletin of the Chemical Society of Japan</i> , <b>1998</b> , 71, 2597-2601	5.1	99
17	Nonlinear refractive indices of polydiacetylene microcrystals <b>1997</b> , 2998, 241		24
16	Crystal Size Dependence of Emission from Perylene Microcrystals. <i>Chemistry Letters</i> , <b>1997</b> , 26, 1181-1182.7		109
15	Laser Flash Photolysis Study on Photochemical and Photophysical Properties of C60Fine Particle. <i>Chemistry Letters</i> , <b>1997</b> , 26, 1211-1212	1.7	28
14	Electron Spectroscopic Imaging of Organic Fine Crystals. <i>Molecular Crystals and Liquid Crystals</i> , <b>1997</b> , 294, 71-74		6

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12	Polydiacetylene Microcrystals for Third-Order Nonlinear Optics. <i>ACS Symposium Series</i> , <b>1997</b> , 183-198	0.4	10
11	Optical Properties of Perylene Microcrystals. <i>Molecular Crystals and Liquid Crystals</i> , <b>1997</b> , 294, 173-176		41
10	Preparation of Polydiacetylene Microcrystals and Their Properties.. <i>Nippon Kagaku Kaishi / Chemical Society of Japan - Chemistry and Industrial Chemistry Journal</i> , <b>1997</b> , 1997, 309-317		3
9	Size-Dependent Colors and Luminescences of Organic Microcrystals. <i>Japanese Journal of Applied Physics</i> , <b>1996</b> , 35, L221-L223	1.4	250
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7	Fabrication and spectroscopic characterization of the nanocrystals of poly[5,7-dodecadiyn-1,12-diol bis(n-butoxycarbonylmethyl urethane)]. <i>Polymers for Advanced Technologies</i> , <b>1995</b> , 6, 69-75	3.2	2
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5	Solid-state Polymerization of Diacetylene Microcrystals. <i>Molecular Crystals and Liquid Crystals</i> , <b>1995</b> , 267, 95-100		39
4	Preparation of J-Aggregated Microcrystals of Pseudoisocyanine. <i>Molecular Crystals and Liquid Crystals</i> , <b>1994</b> , 252, 233-241		11
3	A Novel Preparation Method of Organic Microcrystals. <i>Japanese Journal of Applied Physics</i> , <b>1992</b> , 31, L1132-L1134	1.4	536
2	Polymeric functionalization of podophyllotoxin carrier-free drug nanoparticles for enhancing bioavailability and in vitro cellular imaging. <i>Molecular Crystals and Liquid Crystals</i> , 1-7	0.5	
1	Design of guaiazulene derivatives-conjugated podophyllotoxin nano-prodrug toward anticancer drug delivery. <i>Molecular Crystals and Liquid Crystals</i> , 1-9	0.5	