

Hiroshi Masuhara

List of Publications by Year in descending order

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567
papers

15,530
citations

23500

58
h-index

48187

88
g-index

591
all docs

591
docs citations

591
times ranked

7964
citing authors

#	ARTICLE	IF	CITATIONS
1	Chemical Control Over Optical Trapping Force at an Interface. <i>Advanced Optical Materials</i> , 2022, 10, .	3.6	7
2	From Nanosecond Photochemistry to Optical Force Chemistry: My Journey. <i>Chemical Record</i> , 2021, 21, 1261-1269.	2.9	1
3	Nanoparticle Assembling Dynamics Induced by Pulsed Optical Force. <i>Chemical Record</i> , 2021, 21, 1473-1488.	2.9	0
4	Optical Force-Induced Chemistry at Solution Surfaces. <i>Annual Review of Physical Chemistry</i> , 2021, 72, 565-589.	4.8	17
5	Resonantly Enhanced Optical Trapping of Single Dye-Doped Particles at an Interface. <i>ACS Photonics</i> , 2021, 8, 1832-1839.	3.2	19
6	Photon Momentum Dictates the Shape of Swarming Gold Nanoparticles in Optical Trapping at an Interface. <i>Journal of Physical Chemistry C</i> , 2021, 125, 19013-19021.	1.5	6
7	Cooperative Optical Trapping of Polystyrene Microparticle and Protein Forming a Submillimeter Linear Assembly of Microparticle. <i>Journal of Physical Chemistry C</i> , 2021, 125, 18988-18999.	1.5	8
8	Manipulation of dual fluorescence behavior in aggregation-induced emission enhancement of a tetraphenylethene-appended polymer by optical tweezers. <i>Journal of Materials Chemistry C</i> , 2021, 9, 7545-7554.	2.7	7
9	Large Submillimeter Assembly of Microparticles with Necklace-like Patterns Formed by Laser Trapping at Solution Surface. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 6057-6062.	2.1	6
10	Anomalously Large Assembly Formation of Polystyrene Nanoparticles by Optical Trapping at the Solution Surface. <i>Langmuir</i> , 2020, 36, 14234-14242.	1.6	10
11	Optical Force-Induced Dynamics of Assembling, Rearrangement, and Three-Dimensional Pistol-like Ejection of Microparticles at the Solution Surface. <i>Journal of Physical Chemistry C</i> , 2020, 124, 27107-27117.	1.5	9
12	Evolving Crystal Morphology of Potassium Chloride Controlled by Optical Trapping. <i>Journal of Physical Chemistry C</i> , 2020, 124, 6913-6921.	1.5	24
13	Dynamic Coupling of Optically Evolved Assembling and Swarming of Gold Nanoparticles with Photothermal Local Phase Separation of Polymer Solution. <i>Journal of Physical Chemistry C</i> , 2020, 124, 16604-16615.	1.5	16
14	Spatiotemporal Dynamics of Aggregation-Induced Emission Enhancement Controlled by Optical Manipulation. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 7063-7068.	7.2	19
15	Spatiotemporal Dynamics of Aggregation-Induced Emission Enhancement Controlled by Optical Manipulation. <i>Angewandte Chemie</i> , 2020, 132, 7129-7134.	1.6	5
16	Photo-induced electrodeposition of metallic nanostructures on graphene. <i>Nanoscale</i> , 2020, 12, 11063-11069.	2.8	8
17	Transmission spectral and diffraction pattern study on optical trapping and assembling of dielectric nanoparticles at solution/glass interface. , 2020, , .		1
18	Surface plasmon resonance effect on laser trapping and swarming of gold nanoparticles at an interface. <i>Optics Express</i> , 2020, 28, 27727.	1.7	21

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19	Fast-tracking of single emitters in large volumes with nanometer precision. <i>Optics Express</i> , 2020, 28, 28656.	1.7	25
20	Formation Mechanism and Fluorescence Characterization of a Transient Assembly of Nanoparticles Generated by Femtosecond Laser Trapping. <i>Journal of Physical Chemistry C</i> , 2019, 123, 27823-27833.	1.5	5
21	In situ reflection imaging and microspectroscopic study on three-dimensional crystal growth of L-phenylalanine under laser trapping. <i>Applied Physics Express</i> , 2019, 12, 112008.	1.1	4
22	Rapid localized crystallization of lysozyme by laser trapping. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 6034-6039.	1.3	17
23	Femtosecond Laser Trapping Dynamics of Nanoparticles: A Single Transient Assembly Formation Leading to Their Directional Ejection. <i>Journal of Physical Chemistry C</i> , 2018, 122, 13233-13242.	1.5	6
24	Novel physical chemistry approaches in biophysical researches with advanced application of lasers: Detection and manipulation. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2018, 1862, 335-357.	1.1	8
25	Crystal Growth and Dissolution Dynamics of α -Phenylalanine Controlled by Solution Surface Laser Trapping. <i>Crystal Growth and Design</i> , 2018, 18, 7079-7087.	1.4	15
26	A Single Large Assembly with Dynamically Fluctuating Swarms of Gold Nanoparticles Formed by Trapping Laser. <i>Nano Letters</i> , 2018, 18, 5846-5853.	4.5	39
27	Bubble generation and molecular crystallization at solution surface by intense continuous-wave laser irradiation. <i>Applied Physics Express</i> , 2018, 11, 085502.	1.1	0
28	Pseudopolymorph Control of α -Phenylalanine Achieved by Laser Trapping. <i>Crystal Growth and Design</i> , 2018, 18, 5417-5425.	1.4	25
29	Femtosecond laser trapping, assembling, and ejection dynamics of dielectric nanoparticles in solution. , 2018, , .		1
30	Size-Dependent Optical Properties of Grana Inside Chloroplast of Plant Cells. <i>Journal of Physical Chemistry B</i> , 2017, 121, 915-922.	1.2	6
31	A Single Spherical Assembly of Protein Amyloid Fibrils Formed by Laser Trapping. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 6739-6743.	7.2	22
32	A Single Spherical Assembly of Protein Amyloid Fibrils Formed by Laser Trapping. <i>Angewandte Chemie</i> , 2017, 129, 6843-6847.	1.6	3
33	Preparation and micropatterning of gold nanoparticles by femtosecond laser-induced optical breakdown. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2017, 346, 177-186.	2.0	14
34	Photocontrolled Supramolecular Assembling of Azobenzene-Based Biscalix[4]arenes upon Starting and Stopping Laser Trapping. <i>Langmuir</i> , 2017, 33, 755-763.	1.6	10
35	Enhanced optical confinement of dielectric nanoparticles by two-photon resonance transition. <i>RSC Advances</i> , 2017, 7, 42606-42613.	1.7	8
36	Femtosecond-Laser-Enhanced Amyloid Fibril Formation of Insulin. <i>Langmuir</i> , 2017, 33, 8311-8318.	1.6	9

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37	Resonance optical trapping of individual dye-doped polystyrene particles with blue- and red-detuned lasers. <i>Optics Express</i> , 2017, 25, 4655.	1.7	23
38	In situ dynamic control of neurite growth by femtosecond laser ablation of substrate patterns. , 2016, , .		1
39	Highly-integrated, laser manipulable aqueous metal carbonyl vesicles (MCsomes) with aggregation-induced emission (AIE) and aggregation-enhanced IR absorption (AEIRA). <i>Journal of Materials Chemistry C</i> , 2016, 4, 5231-5240.	2.7	15
40	Optical Trapping-Formed Colloidal Assembly with Horns Extended to the Outside of a Focus through Light Propagation. <i>Nano Letters</i> , 2016, 16, 3058-3062.	4.5	60
41	In situ patterning and controlling living cells by utilizing femtosecond laser. <i>Journal of Photochemistry and Photobiology C: Photochemistry Reviews</i> , 2016, 28, 1-28.	5.6	20
42	Optically Evolved Assembly Formation in Laser Trapping of Polystyrene Nanoparticles at Solution Surface. <i>Langmuir</i> , 2016, 32, 12488-12496.	1.6	38
43	Optical Trapping Dynamics of a Single Polystyrene Sphere: Continuous Wave versus Femtosecond Lasers. <i>Journal of Physical Chemistry C</i> , 2016, 120, 2392-2399.	1.5	31
44	Picosecond Motional Relaxation of Nanoparticles in Femtosecond Laser Trapping. <i>Journal of Physical Chemistry C</i> , 2016, 120, 5251-5256.	1.5	9
45	Two-Dimensional Growth Rate Control of α -Phenylalanine Crystal by Laser Trapping in Unsaturated Aqueous Solution. <i>Crystal Growth and Design</i> , 2016, 16, 953-960.	1.4	34
46	Reflection Microspectroscopic Study of Laser Trapping Assembling of Polystyrene Nanoparticles at Air/Solution Interface. <i>Journal of Physical Chemistry C</i> , 2016, 120, 15578-15585.	1.5	28
47	Exploratory Research on Time- and Space-Resolved Spectroscopy and Chemistry. <i>Chemical Record</i> , 2015, 15, 1153-1155.	2.9	0
48	Optical trapping assembling of clusters and nanoparticles in solution by CW and femtosecond lasers. <i>Optical Review</i> , 2015, 22, 143-148.	1.2	4
49	Dynamics and Mechanism of Laser Trapping-Induced Crystal Growth of Hen Egg White Lysozyme. <i>Crystal Growth and Design</i> , 2015, 15, 4760-4767.	1.4	19
50	Laser trapping and assembling of nanoparticles at solution surface studied by reflection micro-spectroscopy. , 2015, , .		1
51	Laser ablation for protein crystal nucleation and seeding. <i>Chemical Society Reviews</i> , 2014, 43, 2147-2158.	18.7	54
52	Laser trapping-induced crystallization of α -phenylalanine through its high-concentration domain formation. <i>Photochemical and Photobiological Sciences</i> , 2014, 13, 254-260.	1.6	26
53	Metabolic variation of HeLa cells migrating on microfabricated cytophilic channels studied by the fluorescence lifetime of NADH. <i>RSC Advances</i> , 2014, 4, 44100-44104.	1.7	4
54	Crystal Growth of Lysozyme Controlled by Laser Trapping. <i>Crystal Growth and Design</i> , 2014, 14, 15-22.	1.4	23

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55	Efficient Optical Trapping of CdTe Quantum Dots by Femtosecond Laser Pulses. <i>Journal of Physical Chemistry B</i> , 2014, 118, 14010-14016.	1.2	31
56	Optical Trapping-Induced Formation of Large Cluster Domain of Amino Acids and Proteins. <i>The Review of Laser Engineering</i> , 2014, 42, 756.	0.0	0
57	Polarization and Droplet Size Effects in the Laser-Trapping-Induced Reconfiguration in Individual Nematic Liquid Crystal Microdroplets. <i>Journal of Physical Chemistry B</i> , 2013, 117, 4536-4540.	1.2	1
58	Single crystal formation of amino acid with high temporal controllability by combining femtosecond and continuous wave laser trapping. <i>Applied Physics B: Lasers and Optics</i> , 2013, 112, 473-477.	1.1	3
59	In situ laser micropatterning of proteins for dynamically arranging living cells. <i>Lab on A Chip</i> , 2013, 13, 4078.	3.1	18
60	Femtosecond Pulse-Width Dependent Trapping and Directional Ejection Dynamics of Dielectric Nanoparticles. <i>Journal of Physical Chemistry C</i> , 2013, 117, 19182-19188.	1.5	29
61	Single femtosecond laser pulse-single crystal formation of glycine at the solution surface. <i>Journal of Crystal Growth</i> , 2013, 366, 101-106.	0.7	14
62	Laser Trapping and Crystallization Dynamics of α -Phenylalanine at Solution Surface. <i>Journal of Physical Chemistry Letters</i> , 2013, 4, 2436-2440.	2.1	41
63	Optical Trapping of Nanoparticles by Ultrashort Laser Pulses. <i>Science Progress</i> , 2013, 96, 1-18.	1.0	39
64	Rayleigh scattering correlation spectroscopy on diffusion dynamics of nanoparticles under intense laser irradiation. , 2013, , .		0
65	Laser trapping dynamics of 200 nm-polystyrene particles at a solution surface. , 2013, , .		1
66	Laser-assisted control of protein adsorption for dynamically arranging viable cells. , 2013, , .		0
67	Time-Resolved Spectroscopic and Imaging Studies on Laser Ablation of Molecular Systems: From Mechanistic Study to Bio/Nano Applications. <i>Bulletin of the Chemical Society of Japan</i> , 2013, 86, 755-783.	2.0	21
68	Femtosecond trapping efficiency enhanced for nano-sized silica spheres. , 2012, , .		11
69	Laser Trapping Chemistry: From Polymer Assembly to Amino Acid Crystallization. <i>Accounts of Chemical Research</i> , 2012, 45, 1946-1954.	7.6	118
70	Formation, Dissolution, and Transfer Dynamics of a Millimeter-Scale Thin Liquid Droplet in Glycine Solution by Laser Trapping. <i>Journal of Physical Chemistry C</i> , 2012, 116, 6809-6816.	1.5	22
71	Spatially Precise, Soft Microseeding of Single Protein Crystals by Femtosecond Laser Ablation. <i>Crystal Growth and Design</i> , 2012, 12, 4334-4339.	1.4	16
72	Selective Fabrication of α - and β -Polymorphs of Glycine by Intense Polarized Continuous Wave Laser Beams. <i>Crystal Growth and Design</i> , 2012, 12, 2427-2434.	1.4	51

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73	Conformational relaxation dynamics of a poly(N-isopropylacrylamide) aqueous solution measured using the laser temperature jump transient grating method. <i>Physical Chemistry Chemical Physics</i> , 2012, 14, 5620.	1.3	12
74	Glycine Crystallization in Solution by CW Laser-Induced Microbubble on Gold Thin Film Surface. <i>ACS Applied Materials & Interfaces</i> , 2012, 4, 1158-1163.	4.0	58
75	Laser trapping dynamics of L-alanine depending on the laser polarization. <i>Proceedings of SPIE</i> , 2012, , .	0.8	8
76	Optical trapping and polarization-controlled scattering of dielectric spherical nanoparticles by femtosecond laser pulses. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2012, 234, 83-90.	2.0	41
77	Laser trapping-induced reconfiguration of individual smectic liquid crystal micro-droplet showing size-dependent dynamics. <i>Proceedings of SPIE</i> , 2012, , .	0.8	0
78	Confinement of Photopolymerization and Solidification with Radiation Pressure. <i>Journal of the American Chemical Society</i> , 2011, 133, 14472-14475.	6.6	37
79	Optical Reorientation and Trapping of Nematic Liquid Crystals Leading to the Formation of Micrometer-Sized Domain. <i>Journal of Physical Chemistry C</i> , 2011, 115, 11906-11913.	1.5	15
80	Laser-Induced Crystallization and Crystal Growth. <i>Chemistry - an Asian Journal</i> , 2011, 6, 2878-2889.	1.7	24
81	Morphological evaluation of cell differentiation after the isolation of single cells by a femtosecond laser-induced impulsive force. <i>Biomedical Microdevices</i> , 2011, 13, 117-122.	1.4	10
82	Induction of Cell-Cell Connections by Using in situ Laser Lithography on a Perfluoroalkyl-Coated Cultivation Platform. <i>ChemBioChem</i> , 2011, 12, 795-801.	1.3	20
83	Wide-field Rayleigh scattering imaging and spectroscopy of gold nanoparticles in heavy water under laser trapping. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2011, 221, 187-193.	2.0	21
84	In-situ guidance of individual neuronal processes by wet femtosecond-laser processing of self-assembled monolayers. <i>Applied Physics Letters</i> , 2011, 99, 163701.	1.5	36
85	Laser-trapping assembling dynamics of molecules and proteins at surface and interface. <i>Pure and Applied Chemistry</i> , 2011, 83, 869-883.	0.9	25
86	Photochemical Reaction of p-hydroxycinnamic-thiophenyl Ester in the Microcrystalline State. <i>Journal of Physical Chemistry B</i> , 2010, 114, 14233-14240.	1.2	6
87	In situ observation of cell-detachment process initiated by femtosecond laser-induced stress wave. <i>Applied Physics A: Materials Science and Processing</i> , 2010, 101, 127-131.	1.1	9
88	Micro-channel fabrication by femtosecond laser to arrange neuronal cells on multi-electrode arrays. <i>Applied Physics A: Materials Science and Processing</i> , 2010, 101, 423-428.	1.1	10
89	Nanoparticle preparation of quinacridone and β -carotene using near-infrared laser ablation of their crystals. <i>Applied Physics A: Materials Science and Processing</i> , 2010, 101, 591-596.	1.1	4
90	Local stimulation of cultured myocyte cells by femtosecond laser-induced stress wave. <i>Applied Physics A: Materials Science and Processing</i> , 2010, 101, 597-600.	1.1	10

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91	Single droplet formation and crystal growth in urea solution induced by laser trapping. Proceedings of SPIE, 2010, , .	0.8	2
92	SECONDARY CONVERGENCE IN FEMTOSECOND LASER TRAPPING. Modern Physics Letters B, 2010, 24, 1739-1746.	1.0	1
93	Wide-field light scattering imaging of laser trapping dynamics of single gold nanoparticles in solution. , 2010, , .		4
94	Control of Crystal Polymorph of Glycine by Photon Pressure of a Focused Continuous Wave Near-Infrared Laser Beam. Journal of Physical Chemistry Letters, 2010, 1, 599-603.	2.1	56
95	Millimeter-Scale Dense Liquid Droplet Formation and Crystallization in Glycine Solution Induced by Photon Pressure. Journal of Physical Chemistry Letters, 2010, 1, 1321-1325.	2.1	47
96	Crystallization in Unsaturated Glycine/D ₂ O Solution Achieved by Irradiating a Focused Continuous Wave Near Infrared Laser. Crystal Growth and Design, 2010, 10, 4686-4688.	1.4	60
97	Nanosecond laser preparation of C60 aqueous nanocolloids. Journal of Photochemistry and Photobiology A: Chemistry, 2009, 207, 7-12.	2.0	29
98	Micropatterning of perfluoroalkyl self-assembled monolayers for arraying proteins and cells on chips. Applied Surface Science, 2009, 255, 7647-7651.	3.1	18
99	Gene delivery process in a single animal cell after femtosecond laser microinjection. Applied Surface Science, 2009, 255, 9880-9884.	3.1	34
100	Comparative Investigation of Ultrafast Photoinduced Processes in Salicylidene-Aminopyridine in Solution and Solid State. Journal of Physical Chemistry C, 2009, 113, 11959-11968.	1.5	73
101	Spectral and 3-Dimensional Tracking of Single Gold Nanoparticles in Living Cells Studied by Rayleigh Light Scattering Microscopy. Journal of Physical Chemistry C, 2009, 113, 11766-11772.	1.5	51
102	Blinking photoluminescence properties of single TiO ₂ nanodiscs: interfacial electron transfer dynamics. Physical Chemistry Chemical Physics, 2009, 11, 534-542.	1.3	51
103	Crystal Growth of Glycine Controlled by a Focused CW Near-infrared Laser Beam. Chemistry Letters, 2009, 38, 482-483.	0.7	26
104	Nanoparticle injection to single animal cells using femtosecond laser-induced impulsive force. Applied Physics A: Materials Science and Processing, 2008, 93, 39-43.	1.1	17
105	Femtosecond laser modification of living neuronal network. Applied Physics A: Materials Science and Processing, 2008, 93, 57-63.	1.1	23
106	Fabrication of fluorescent nanoparticles of dendronized perylenediimide by laser ablation in water. Applied Physics A: Materials Science and Processing, 2008, 93, 5-9.	1.1	32
107	Correlation between cell morphology and aggrecan gene expression level during differentiation from mesenchymal stem cells to chondrocytes. Biotechnology Letters, 2008, 30, 1189-1195.	1.1	19
108	Laser Fabrication and Spectroscopy of Organic Nanoparticles. Accounts of Chemical Research, 2008, 41, 1790-1798.	7.6	186

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109	Laser microfabrication and rotation of ship-in-a-bottle optical rotators. Applied Physics Letters, 2008, 93, 051107.	1.5	39
110	Single particle spectroscopy and tracking of gold nanospheres in living cells by confocal light scattering microscopy. , 2008, , .		0
111	Fabrication of Gold Nanoparticle-Doped Zeolite L Crystals and Characterization by Optical Microscopy: Laser Ablation- and Crystallization Inclusion-Based Approach. Journal of Physical Chemistry C, 2008, 112, 15089-15093.	1.5	43
112	Laser fabrication and crystallization of nano materials. , 2008, , .		13
113	Array arrangement of living cells on self-assembled-monolayer pattern chip with femtosecond laser inducing mechanical force "micro tsunami". , 2008, , .		0
114	Smart bombing a single targeted cell with femtogram order reagents using laser-induced shockwave technique. Proceedings of SPIE, 2008, , .	0.8	1
115	Viability evaluation of culture cells patterned by femtosecond laser-induced impulsive force. Proceedings of SPIE, 2008, , .	0.8	7
116	Organic molecular sensing by single metal porphyrin nanoparticles. , 2008, , .		1
117	Femtosecond laser manipulation techniques for individual patterning of biological micro-object. Proceedings of SPIE, 2008, , .	0.8	1
118	Laser fabrication of nanoparticles and crystals in solution. , 2008, , .		1
119	Laser Deposition of Polymer Micro- and Nanoassembly from Solution Using Focused Near-Infrared Laser Beam. Japanese Journal of Applied Physics, 2007, 46, 449-454.	0.8	8
120	SPATIAL LIGHT MODULATING AND MULTI-TRAPPING WITH A DMD. Modern Physics Letters B, 2007, 21, 175-181.	1.0	0
121	Laser Ablation of Individual Gold Nanoparticles in Solution. Japanese Journal of Applied Physics, 2007, 46, L241-L243.	0.8	11
122	Trapping and manipulation of a single micro-object in solution with femtosecond laser-induced mechanical force. Applied Physics Letters, 2007, 90, 061107.	1.5	26
123	Laser microfixation of highly ordered J aggregates on a glass substrate. Applied Physics Letters, 2007, 91, 041102.	1.5	15
124	Nondestructive micropatterning of living animal cells using focused femtosecond laser-induced impulsive force. Applied Physics Letters, 2007, 91, .	1.5	51
125	Surface-enhanced hyper-Raman spectroscopy using optical trapping of silver nanoparticles for molecular detection in solution. Journal of Optics, 2007, 9, S164-S171.	1.5	19
126	A photoisomerization study on photoactive yellow protein model chromophores from solution to crystalline phases. Handai Nanophotonics, 2007, 3, 357-372.	0.0	1

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127	Multipole Resonance Modes in Localized Surface Plasmon of Single Hexagonal/Triangular Gold Nanoplates. <i>Chemistry Letters</i> , 2007, 36, 318-319.	0.7	13
128	Crystallization of Glycine by Photon Pressure of a Focused CW Laser Beam. <i>Chemistry Letters</i> , 2007, 36, 1480-1481.	0.7	147
129	Fullerene (C60) Nanostructures Having Interpenetrating Surfaces Prepared by Electrophoretic Deposition of C60 Nanoparticles in Water. <i>Chemistry Letters</i> , 2007, 36, 1160-1161.	0.7	19
130	Laser-Induced Self-Assembly of Pseudoisocyanine J-Aggregates. <i>Journal of Physical Chemistry C</i> , 2007, 111, 18457-18460.	1.5	13
131	Effects of Optical Trapping and Liquid Surface Deformation on the Laser Microdeposition of a Polymer Assembly in Solution. <i>Langmuir</i> , 2007, 23, 6725-6729.	1.6	26
132	Preparation and Photoconductive Property of Electrophoretically Deposited Film of Quinacridone Nanoparticles Prepared by Laser Ablation in Water. <i>Japanese Journal of Applied Physics</i> , 2007, 46, L733.	0.8	12
133	Anthracene Crystallization Induced by Single-Shot Femtosecond Laser Irradiation: Experimental Evidence for the Important Role of Bubbles. <i>Crystal Growth and Design</i> , 2007, 7, 885-889.	1.4	53
134	Study on Electrophoretic Deposition of Size-Controlled Quinacridone Nanoparticles. <i>Journal of Physical Chemistry C</i> , 2007, 111, 14658-14663.	1.5	20
135	Synthesis of Sn-Porphyrin-Intercalated Trititanate Nanofibers: Optoelectronic Properties and Photocatalytic Activities. <i>Chemistry of Materials</i> , 2007, 19, 1984-1991.	3.2	69
136	Femtosecond laser-induced crystallization of protein in gel medium. <i>Applied Surface Science</i> , 2007, 253, 6425-6429.	3.1	35
137	Realignment process of actin stress fibers in single living cells studied by focused femtosecond laser irradiation. <i>Applied Surface Science</i> , 2007, 253, 6416-6419.	3.1	13
138	Polarization and wavelength dependent nonlinear optical properties of a photo-switchable organic crystal. <i>Chemical Physics Letters</i> , 2007, 437, 212-217.	1.2	31
139	Single Particle Spectroscopic Investigation on the Interaction between Exciton Transition of Cyanine Dye J-Aggregates and Localized Surface Plasmon Polarization of Gold Nanoparticles. <i>Journal of Physical Chemistry C</i> , 2007, 111, 1549-1552.	1.5	93
140	Nondestructive micro-patterning of proteinous occlusion bodies in water by femtosecond laser-induced mechanical force. <i>Biomedical Microdevices</i> , 2007, 9, 105-111.	1.4	15
141	Femtosecond laser-induced cleaving of protein crystal in water solution. <i>Applied Surface Science</i> , 2007, 253, 6447-6450.	3.1	8
142	Single Cell Control Based on Femtosecond Laser-induced Nonlinear Phenomena. <i>The Review of Laser Engineering</i> , 2007, 35, 430-435.	0.0	2
143	Femtosecond laser processing in water for single living cell and solid phase protein. <i>The Review of Laser Engineering</i> , 2007, 35, 246-247.	0.0	0
144	trans \rightarrow cis Photoisomerization of a Photoactive Yellow Protein Model Chromophore in Crystalline Phase. <i>Journal of Physical Chemistry B</i> , 2006, 110, 20085-20088.	1.2	14

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145	Spatial Control of Urea Crystal Growth by Focused Femtosecond Laser Irradiation. <i>Crystal Growth and Design</i> , 2006, 6, 302-305.	1.4	41
146	Development of Near-Infrared 35 fs Laser Microscope and Its Application to the Detection of Three- and Four-Photon Fluorescence of Organic Microcrystals. <i>Journal of Physical Chemistry B</i> , 2006, 110, 1091-1094.	1.2	17
147	Selective Optical Trapping and Deposition of Polymer and Aromatic Molecules from Binary Mixed Solution. <i>Journal of Physical Chemistry B</i> , 2006, 110, 21399-21402.	1.2	1
148	Two-Photon Fluorescence Spectroscopy of Individually Trapped Pseudoisocyanine J-Aggregates in Aqueous Solution. <i>Journal of Physical Chemistry B</i> , 2006, 110, 17906-17911.	1.2	42
149	Development of fluoropolymer for 193nm immersion lithography. , 2006, , .		5
150	Thiacarbocyanine dye J-aggregation in optical trapping potential. , 2006, , .		1
151	Immobilization of diverse foreign proteins in viral polyhedra and potential application for protein microarrays. <i>Proteomics</i> , 2006, 6, 54-66.	1.3	53
152	Temperature dependence of ultrafast photoinduced ring-opening and -closure reactions of spironaphthooxazine in crystalline phase. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2006, 178, 170-176.	2.0	13
153	Organic nonlinear optical DAST crystals for electro-optic measurement and terahertz wave generation. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2006, 183, 247-252.	2.0	55
154	Higher-order multiphoton imaging by femtosecond near-infrared laser microscope system. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2006, 183, 261-266.	2.0	10
155	Fluorescence Evaluation of Antigen-antibody Reactivity on Surface of Proteinaceous Occlusion Body: Toward Application in Reusable Protein Chip. <i>Japanese Journal of Applied Physics</i> , 2006, 45, 323-327.	0.8	5
156	Size and Phase Control in Quinacridone Nanoparticle Formation by Laser Ablation in Water. <i>Japanese Journal of Applied Physics</i> , 2006, 45, 384-388.	0.8	42
157	Enhancement of Biased Diffusion of Dye-Doped Nanoparticles by Simultaneous Irradiation with Resonance and Nonresonance Laser Beams. <i>Japanese Journal of Applied Physics</i> , 2006, 45, L453-L456.	0.8	36
158	Explosive Crystallization of Urea Triggered by Focused Femtosecond Laser Irradiation. <i>Japanese Journal of Applied Physics</i> , 2006, 45, L23-L26.	0.8	38
159	Hyper-Rayleigh scattering and hyper-Raman scattering of dye-adsorbed silver nanoparticles induced by a focused continuous-wave near-infrared laser. <i>Applied Physics Letters</i> , 2006, 88, 084102.	1.5	53
160	Laser nanochemistry. <i>Pure and Applied Chemistry</i> , 2006, 78, 2205-2226.	0.9	21
161	Non-destructive micro-patterning of protein crystals by focused femtosecond laser. , 2006, , .		2
162	Hyper-Rayleigh and hyper-Raman scattering from silver nanoparticles trapped by a near-infrared laser beam. , 2005, , .		1

#	ARTICLE	IF	CITATIONS
163	Micro-patterning of chemical functionality of anthracene-bis-resorcinol film using focused ion beam. <i>Applied Surface Science</i> , 2005, 252, 2063-2070.	3.1	0
164	Synthesis and characterisation of new hard polyurethanes with triazene pendants. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2005, 171, 261-267.	2.0	30
165	Femtosecond Laser-Induced Crystallization of 4-(Dimethylamino)-N-methyl-4-stilbazolium Tosylate. <i>Crystal Growth and Design</i> , 2005, 5, 861-863.	1.4	58
166	Cooperative Photochemical Reaction Mechanism of Femtosecond Laser-Induced Photocoloration in Spirooxazine Microcrystals. <i>ChemPhysChem</i> , 2005, 6, 2396-2403.	1.0	20
167	Enhancement of Förster Energy Transfer within a Microspherical Cavity. <i>ChemPhysChem</i> , 2005, 6, 2410-2416.	1.0	24
168	Preparation of Organic Dye Nanoparticles by Nanosecond Laser Ablation in a Poor Solvent. <i>The Review of Laser Engineering</i> , 2005, 33, 41-46.	0.0	7
169	Optical Trapping, Assembly, and Surface Fixation of Nanoparticles in Liquid. <i>Hyomen Kagaku</i> , 2005, 26, 681-688.	0.0	1
170	Femtosecond Laser Processing of Protein Crystals in Crystallization Drop. <i>Japanese Journal of Applied Physics</i> , 2005, 44, L873-L875.	0.8	10
171	Synthesis and Characterization of Monodispersed Polymer/Polydiacetylene Nanocrystal Composite Particles. <i>Journal of Nanoscience and Nanotechnology</i> , 2005, 5, 937-944.	0.9	10
172	Cluster formation of nanoparticles in an optical trap studied by fluorescence correlation spectroscopy. <i>Physical Review E</i> , 2005, 72, 021408.	0.8	69
173	Growth of Giant Membrane Lobes Mechanically Driven by Wetting Fronts of Phospholipid Membranes at Water-Solid Interfaces. <i>Langmuir</i> , 2005, 21, 537-544.	1.6	21
174	Groove-Spanning Behavior of Lipid Membranes on Microfabricated Silicon Substrates. <i>Langmuir</i> , 2005, 21, 6487-6494.	1.6	28
175	Single Molecule Spectroscopy of Organic Dye Nanoparticles. <i>Nano Letters</i> , 2005, 5, 1321-1325.	4.5	88
176	Design, Synthesis, Structural and Nonlinear Optical Properties of Photochromic Crystals: Toward Reversible Molecular Switches. <i>Chemistry of Materials</i> , 2005, 17, 4727-4735.	3.2	226
177	Assembling and Orientation of Polyfluorenes in Solution Controlled by a Focused Near-Infrared Laser Beam. <i>Journal of Physical Chemistry B</i> , 2005, 109, 6917-6921.	1.2	37
178	Photochromic Dynamics of Salicylidene Aniline in Solid State by Using Femtosecond Transient Absorption Spectroscopy. <i>Molecular Crystals and Liquid Crystals</i> , 2005, 431, 541-548.	0.4	14
179	Photochemical Fixation of Individual Polymer Nanoparticles on Glass Substrates in Solution at Room Temperature. <i>Japanese Journal of Applied Physics</i> , 2004, 43, L885-L887.	0.8	7
180	Nanometer Photothermal Heating and Cooling Dynamics of Azo Polymer Film Elucidated by Analyzing Nanosecond Laser-Induced Expansion/Contraction Behavior. <i>Japanese Journal of Applied Physics</i> , 2004, 43, 5337-5346.	0.8	4

#	ARTICLE	IF	CITATIONS
181	Reversible assembly of gold nanoparticles confined in an optical microcage. <i>Physical Review E</i> , 2004, 70, 061406.	0.8	62
182	Laser trapping and patterning of protein microcrystals: Toward highly integrated protein microarrays. <i>Journal of Applied Physics</i> , 2004, 96, 2945-2948.	1.1	11
183	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> , 2004, 846, DD10.8.1.	0.1	3
184	EXCITATION WAVELENGTH DEPENDENCE OF LASER ABLATION MECHANISM OF URETHANE-UREA COPOLYMER FILM STUDIED BY NANOSECOND TIME-RESOLVED INTERFEROMETRY. <i>Journal of Nonlinear Optical Physics and Materials</i> , 2004, 13, 373-381.	1.1	2
185	Nondestructive isolation of single cultured animal cells by femtosecond laser-induced shockwave. <i>Applied Physics A: Materials Science and Processing</i> , 2004, 79, 795-798.	1.1	67
186	Photochemistry of Charge-Transfer Complexes in a Viologen Periodic Mesoporous Organosilica: Time Evolution from Femtoseconds to Minutes. <i>ChemPhysChem</i> , 2004, 5, 1058-1062.	1.0	10
187	Size-Dependent Spectroscopic Properties and Thermochromic Behavior in Poly(substituted thiophene) Nanoparticles. <i>ChemPhysChem</i> , 2004, 5, 1609-1615.	1.0	138
188	Size-Dependent Optical Properties of Polydiacetylene Nanocrystal. <i>Journal of Physical Chemistry B</i> , 2004, 108, 7674-7680.	1.2	82
189	Optical assembling dynamics of individual polymer nanospheres investigated by single-particle fluorescence detection. <i>Physical Review E</i> , 2004, 70, 061410.	0.8	48
190	Laser patterning and fabrication of nano/microparticle systems in solution. , 2004, , .		1
191	Formation of 10 nm-sized Oxo(phtalocyaninato)vanadium(IV) Particles by Femtosecond Laser Ablation in Water. <i>Chemistry Letters</i> , 2004, 33, 724-725.	0.7	38
192	Topographical Imaging of Soft Structures of Lipid Membranes at Water-solid Interface by Fluorescence Interferometry. <i>Chemistry Letters</i> , 2004, 33, 218-219.	0.7	5
193	çŸãf'ãf«ã,1ãf-ãf1/4ã,¶ãf1/4ã,'ç"ã,ãŸè,ç™1/2è³ã@çµæ™¶ãCE-. <i>The Review of Laser Engineering</i> , 2004, 32, 84-88.0.0		2
194	Single Cell Manipulation Using Femtosecond Laser Induced Shockwave. <i>The Review of Laser Engineering</i> , 2004, 32, 94-98.	0.0	12
195	Immobilization of Diverse Foreign Proteins in Insect Viral Polyhedra and Preparation of Protein Chip by Laser Fabrication. <i>The Review of Laser Engineering</i> , 2004, 32, 89-93.	0.0	0
196	Preface to Special Issue on Laser Nano Processing toward Protein Modules: From Nano Assembling to Micro Multiplication. <i>The Review of Laser Engineering</i> , 2004, 32, 76-77.	0.0	0
197	Ultrafast dynamics of photoinduced ring-opening and the subsequent ring-closure reactions of spirooxazines in crystalline state. <i>Chemical Physics Letters</i> , 2003, 368, 384-392.	1.2	21
198	Fluorescence Spectroscopic Properties and Single Aggregate Structures of ĩ€-Conjugated Wire-Type Dendrimers. <i>Journal of Physical Chemistry B</i> , 2003, 107, 2471-2479.	1.2	30

#	ARTICLE	IF	CITATIONS
199	Solvent-Dependent Size and Phase of Vanadyl Phthalocyanine Nanoparticles Formed by Laser Ablation of VOPc Crystal-Dispersed Solution. Japanese Journal of Applied Physics, 2003, 42, 2725-2729.	0.8	45
200	Laser Irradiated Growth of Protein Crystal. Japanese Journal of Applied Physics, 2003, 42, L798-L800.	0.8	124
201	Optical patterning of individual organic/inorganic nanoparticles in solution at ambient temperature. , 2003, , .		1
202	Laser Heating Dynamics of Poly(methyl methacrylate) Films Doped with Aromatic Molecules as Revealed by Analysis of Diffusion of Triplet States. Bulletin of the Chemical Society of Japan, 2003, 76, 1075-1085.	2.0	5
203	Laser manipulation and fixation of single gold nanoparticles in solution at room temperature. Applied Physics Letters, 2002, 80, 482-484.	1.5	107
204	Direct Demonstration of Environment-Sensitive Surface Plasmon Resonance Band in Single Gold Nanoparticles. Japanese Journal of Applied Physics, 2002, 41, L76-L78.	0.8	25
205	Fabrication and Application of Protein Crystal Microarrays. Materials Research Society Symposia Proceedings, 2002, 735, 351.	0.1	0
206	Synthesis and Single Aggregate Spectroscopy of a Novel Fluorescent Dendrimer with Highly Efficient Energy Harvesting. Chemistry Letters, 2002, 31, 394-395.	0.7	6
207	Dual-beam laser micromanipulation for sorting biological cells and its device application. , 2002, , .		6
208	Ultrafast Charge Separation and Recombination Dynamics in a Nanometer Thin Film of Polyimide Observed by Femtosecond Transient Absorption Spectroscopy. Journal of Physical Chemistry B, 2002, 106, 5840-5844.	1.2	8
209	Cooperative Photochemical Reaction in Molecular Crystal Induced by Intense Femtosecond Laser Excitation: A Photochromism of Spiroanthoxazine. Journal of Physical Chemistry A, 2002, 106, 2335-2340.	1.1	58
210	Laser-Induced Decomposition and Ablation Dynamics Studied by Nanosecond Interferometry. 4. A Polyimide Film. Journal of Physical Chemistry A, 2002, 106, 2180-2186.	1.1	18
211	Nanosecond and Femtosecond Laser Photochemistry and Ablation Dynamics of Neat Liquid Benzenes. Journal of Physical Chemistry B, 2002, 106, 3049-3060.	1.2	31
212	Picosecond Dynamics of Excited 9,9-Bianthryl Adsorbed on Porous Glass: A Role of Symmetry Breaking in the Ground State. Journal of Physical Chemistry A, 2002, 106, 2067-2073.	1.1	16
213	Repetitive Contraction and Swelling Behavior of Gel-like Wire-type Dendrimer Assemblies in Solution Layer by Photon Pressure of a Focused Near-infrared Laser Beam. Journal of Physical Chemistry B, 2002, 106, 905-909.	1.2	48
214	Photothermally Induced Conformational Changes in Poly(Substituted Thiophene) Film Leading to Nanometer Surface Protrusion: A Near-Field Fluorescence Microspectroscopic Study. Journal of Physical Chemistry B, 2002, 106, 10782-10785.	1.2	6
215	Nanoparticle Formation of Vanadyl Phthalocyanine by Laser Ablation of Its Crystalline Powder in a Poor Solvent. Journal of Physical Chemistry A, 2002, 106, 2135-2139.	1.1	147
216	Photochromic reactions of crystalline spiropyran and spirooxazines induced by intense femtosecond laser excitation Dedicated to Professor Frank Wilkinson on the occasion of his retirement.. Physical Chemistry Chemical Physics, 2002, 4, 185-192.	1.3	56

#	ARTICLE	IF	CITATIONS
217	Electric charge measurement on a single microparticle using thermodynamic analysis of electrostatic forces. Applied Physics Letters, 2002, 81, 1768-1770.	1.5	13
218	Ultrafast Photo-Dynamics of a Reversible Photochromic Spiropyran. Journal of Physical Chemistry A, 2002, 106, 2265-2270.	1.1	75
219	Hot Electron Relaxation Dynamics of Gold Nanoparticles Embedded in MgSO ₄ Powder Compared To Solution: The Effect of the Surrounding Medium. Journal of Physical Chemistry B, 2002, 106, 945-955.	1.2	81
220	Novel applications for laser ablation of photopolymers. Applied Surface Science, 2002, 186, 14-23.	3.1	38
221	Polymers designed for laser ablation-influence of photochemical properties. Applied Surface Science, 2002, 197-198, 746-756.	3.1	24
222	Femtosecond laser ablation transfer and phase transition of phthalocyanine solids. Applied Surface Science, 2002, 197-198, 777-781.	3.1	22
223	Laser-induced nanometer expansion and contraction dynamics of polystyrene films depending on its molecular weight. Applied Surface Science, 2002, 197-198, 796-799.	3.1	9
224	Photochemical Properties of Benzophenone Adsorbed on Ti-Al Binary Oxides: The Effects of the Surface Acidity. Journal of Physical Chemistry B, 2001, 105, 3218-3222.	1.2	15
225	Primary Photoreaction of Photoactive Yellow Protein Studied by Subpicosecond-Nanosecond Spectroscopy. Biochemistry, 2001, 40, 6047-6052.	1.2	78
226	Dynamics and mechanism of discrete etching of organic materials by femtosecond laser excitation. , 2001, 4274, 78.		21
227	Optical patterning and photochemical fixation of polymer nanoparticles on glass substrates. Applied Physics Letters, 2001, 78, 2566-2568.	1.5	61
228	Laser-Induced Nanometer-Nanosecond Expansion and Contraction Dynamics of Poly(methyl Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 30). 2518-2524.	1.2	31
229	Excited-State Dynamics of 5,10,15,20-Tetraphenyl-21H,23H-porphine Manganese(III) Chloride Encapsulated in TiMCM-41 and MCM-41; Probed by fs-Diffuse Reflectance Laser Photolysis. Journal of Physical Chemistry B, 2001, 105, 8513-8518.	1.2	39
230	Fluorescent Doughnut-Like Assembling of Wire-Type Dendrimers Depending on Their Generation Numbers and Degrees of Polymerization. Journal of Physical Chemistry B, 2001, 105, 2885-2889.	1.2	39
231	Laser Induced Femtosecond-Nanometer Morphological Dynamics of Cu-phthalocyanine Thin Film.. The Review of Laser Engineering, 2001, 29, 710-716.	0.0	3
232	Ablation Lithography for TFT-LCD. Materials Research Society Symposia Proceedings, 2001, 685, 1.	0.1	1
233	Morphology, fluorescence properties, and their photothermal changes of poly(substituted) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 30). 202, 420-424.	0.8	6
234	Photothermal conversion dynamics in femtosecond and picosecond discrete laser etching of Cu-phthalocyanine amorphous film analysed by ultrafast UV-VIS absorption spectroscopy. Journal of Photochemistry and Photobiology A: Chemistry, 2001, 142, 197-207.	2.0	64

#	ARTICLE	IF	CITATIONS
235	Nanosecond photo-fusion of microcrystals on a polymer film observed with time-resolved ultramicroscopy. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2001, 145, 159-164.	2.0	2
236	Laser-induced decomposition and ablation dynamics studied by nanosecond interferometry. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2001, 145, 215-222.	2.0	14
237	Direct observation of a picosecond charge separation process in photoexcited platinum-loaded TiO ₂ particles by femtosecond diffuse reflectance spectroscopy. <i>Chemical Physics Letters</i> , 2001, 336, 424-430.	1.2	167
238	Direct observation of interfacial hole transfer from a photoexcited TiO ₂ particle to an adsorbed molecule SCN ⁻ by femtosecond diffuse reflectance spectroscopy. <i>Research on Chemical Intermediates</i> , 2001, 27, 177-187.	1.3	54
239	Hollowing and Transfer of Polymethyl Methacrylate Film Propelled by Laser Ablation of Triazeno Polymer Film. <i>Japanese Journal of Applied Physics</i> , 2001, 40, L805-L806.	0.8	20
240	Femtosecond Multistep Laser Etching of Transparent Amorphous Organic Film. <i>Japanese Journal of Applied Physics</i> , 2001, 40, L1116-L1118.	0.8	9
241	Femtosecond light scattering spectroscopy of single gold nanoparticles. <i>Applied Physics Letters</i> , 2001, 79, 1667-1669.	1.5	81
242	Confocal microscopic study on fluorescence quenching dynamics of single latex beads in poly(vinyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.6	3
243	Nanometerâ€”Nanosecond Oscillatory Expansion and Contraction Behavior of Polymer Films Induced by 248â€”nm Excimer Laser Excitation. <i>ChemPhysChem</i> , 2000, 1, 137-139.	1.0	7
244	Vacuum-deposited films of mesogen of 4-n-pentyl-4â€”cyano-p-terphenyl: their electronic spectra and molecular aggregate structures. <i>Thin Solid Films</i> , 2000, 370, 285-293.	0.8	5
245	Near-field fluorescence spectroscopy and photochemistry of organic mesoscopic materials. <i>Journal of Photochemistry and Photobiology C: Photochemistry Reviews</i> , 2000, 1, 57-78.	5.6	17
246	Tailoring nanoparticles of aromatic and dye molecules by excimer laser irradiation. <i>Applied Surface Science</i> , 2000, 168, 85-88.	3.1	74
247	Femtosecond laser ablation dynamics of amorphous film of a substituted Cuâ€”phthalocyanine. <i>Applied Surface Science</i> , 2000, 154-155, 192-195.	3.1	33
248	Photochromic Reaction of Microcrystalline 6-Nitroindolinospiropyran Studied by Femtosecond Diffuse Reflectance Spectroscopy. <i>Molecular Crystals and Liquid Crystals</i> , 2000, 345, 51-56.	0.3	6
249	Optical measurement of interaction potentials between a single microparticle and an evanescent field. <i>Applied Physics Letters</i> , 2000, 76, 2815-2817.	1.5	27
250	Analysis of radiation pressure exerted on a metallic particle within an evanescent field. <i>Optics Letters</i> , 2000, 25, 1385.	1.7	40
251	Picosecond Near-Field Microspectroscopic Study of a Single Anthracene Microcrystal in Evaporated Anthraceneâ€”Tetracene Film: Inhomogeneous Inner Structure and Growth Mechanism. <i>Journal of Physical Chemistry B</i> , 2000, 104, 3429-3437.	1.2	16
252	Propagation of Femtosecond White-Light Continuum Pulse in Polymer Latex Powder Investigated by Optical Kerr Gate and Time-Resolved Diffuse Reflectance Spectroscopy. <i>Japanese Journal of Applied Physics</i> , 1999, 38, 4236-4243.	0.8	12

#	ARTICLE	IF	CITATIONS
253	Pyrene fluorescence dynamics within a polymer microspherical cavity. <i>Journal of Applied Physics</i> , 1999, 85, 2052-2056.	1.1	22
254	Photothermal fixation of laser-trapped polymer microparticles on polymer substrates. <i>Applied Physics Letters</i> , 1999, 75, 1506-1508.	1.5	50
255	Sensitized implantation of fluorescent molecules in a polymer film by near-infrared laser irradiation: comparison with direct ultraviolet-laser implantation. <i>Applied Surface Science</i> , 1999, 138-139, 75-81.	3.1	2
256	Time-resolved ultraviolet-visible absorption spectroscopic study on femtosecond KrF laser ablation of liquid benzyl chloride. <i>Chemical Physics Letters</i> , 1999, 300, 727-733.	1.2	9
257	Photon Pressure-Induced Association of Nanometer-Sized Polymer Chains in Solution. <i>Journal of Physical Chemistry B</i> , 1999, 103, 1660-1663.	1.2	51
258	Charge Carrier Dynamics of Standard TiO ₂ Catalysts Revealed by Femtosecond Diffuse Reflectance Spectroscopy. <i>Journal of Physical Chemistry B</i> , 1999, 103, 3120-3127.	1.2	269
259	Do the Charge-Transfer Complexes of 1,2,4,5-Tetracyanobenzene with Arenes Serve as a Probe for Surveying Chemical Properties Inside the Cavities of Faujasite Zeolites? Time-Resolved and Steady-State Spectroscopic Studies. <i>Langmuir</i> , 1999, 15, 3123-3133.	1.6	19
260	Femtosecond Laser Ablation of Liquid Toluene: Molecular Mechanism Studied by Time-Resolved Absorption Spectroscopy. <i>Journal of Physical Chemistry A</i> , 1999, 103, 11257-11263.	1.1	13
261	Femtosecond Regular Reflection Spectroscopic Study on Ultrafast Photoinduced Heat Generation in Copper Phthalocyanine Solid. <i>Bulletin of the Chemical Society of Japan</i> , 1999, 72, 909-914.	2.0	10
262	Picosecond fluorescence analysis of charge transfer microcrystals by near-field microspectroscopy. <i>Chemical Physics Letters</i> , 1998, 293, 185-190.	1.2	10
263	Dynamics of excited and ionic states of N,N,N',N'-tetramethyl-p-phenylenediamine in poly(methyl methacrylate). <i>Journal of Physical Chemistry A</i> , 1998, 102, 7843-7851.	1.3	6
264	Photopolymers designed for laser ablation - photochemical ablation mechanism. <i>Applied Surface Science</i> , 1998, 127-129, 117-121.	3.1	23
265	Laser implantation of photochromic molecules into polymer films: a new approach towards molecular device fabrication. <i>Applied Surface Science</i> , 1998, 127-129, 761-766.	3.1	22
266	The 248-nm Excimer-Laser-Ablation Mechanism of Liquid Benzene Derivatives: Photochemical Formation of Benzyl Radical Leads to Ablation. <i>Journal of Physical Chemistry A</i> , 1998, 102, 1661-1665.	1.1	34
267	Femtosecond Transient Absorption Spectroscopy of Nanocrystalline Polydiacetylene Colloids. <i>Molecular Crystals and Liquid Crystals</i> , 1998, 314, 95-100.	0.3	8
268	Laser-induced molecular mixing of electron donor and acceptor in poly(ethyl methacrylate). <i>Chemical Communications</i> , 1998, , 811-812.	2.2	7
269	Near-Field Fluorescence Microspectroscopy of Tetracene Microcrystals. <i>Molecular Crystals and Liquid Crystals</i> , 1998, 314, 203-208.	0.3	7
270	Time-resolved microspectroscopy and interferometry of organic mesoscopic materials. <i>Analyst</i> , 1998, 123, 531-536.	1.7	6

#	ARTICLE	IF	CITATIONS
271	Laser-Induced Decomposition and Ablation Dynamics Studied by Nanosecond Interferometry. 2. A Reactive Nitrocellulose Film. <i>Journal of Physical Chemistry B</i> , 1998, 102, 3395-3401.	1.2	34
272	Laser-Controlled Assembling of Repulsive Unimolecular Micelles in Aqueous Solution. <i>Journal of Physical Chemistry B</i> , 1998, 102, 7687-7690.	1.2	32
273	Transmission and Confocal Fluorescence Microscopy and Time-Resolved Fluorescence Spectroscopy Combined with a Laser Trap: Investigation of Optically Trapped Block Copolymer Micelles. <i>Journal of Physical Chemistry B</i> , 1998, 102, 8440-8451.	1.2	23
274	Ultrafast Excitation Energy Transfer in Multilayered Ultrathin Films of Copper Phthalocyanine and 1,4,5,8-Naphthalenetetracarboxylic Dianhydride Revealed by Femtosecond Transient Absorption Spectroscopy. <i>Molecular Crystals and Liquid Crystals</i> , 1998, 314, 59-64.	0.3	3
275	Fluorescence Spectroscopic Studies of Anthracene Adsorbed into Zeolites: From the Detection of Cation-Interaction to the Observation of Dimers and Crystals. <i>Langmuir</i> , 1998, 14, 4284-4291.	1.6	79
276	Femtosecond Double-Pulse Excitation Study of β -Sexithienyl Film. <i>Journal of Physical Chemistry B</i> , 1998, 102, 1182-1185.	1.2	13
277	Chemical and Optical Mechanism of Microparticle Formation of Poly(N-vinylcarbazole) in N,N-Dimethylformamide by Photon Pressure of a Focused Near-Infrared Laser Beam. <i>Journal of Physical Chemistry B</i> , 1998, 102, 1896-1901.	1.2	43
278	Development of a femtosecond diffuse reflectance spectroscopic system, evaluation of its temporal resolution, and applications to organic powder systems. <i>Review of Scientific Instruments</i> , 1998, 69, 361-371.	0.6	72
279	Time-resolved surface scattering imaging of organic liquids under femtosecond KrF laser pulse excitation. <i>Applied Physics Letters</i> , 1998, 73, 3498-3500.	1.5	19
280	Excited State Dynamics of Microcrystalline Acridine by Femtosecond Diffuse Reflectance Spectroscopy. <i>Bulletin of the Chemical Society of Japan</i> , 1998, 71, 1277-1283.	2.0	7
281	Near Field Fluorescence Microspectroscopy of Anthracene-Tetrachlorophthalic Anhydride Charge Transfer Microcrystal. <i>Chemistry Letters</i> , 1998, 27, 557-558.	0.7	6
282	In Situ Measurement of Adhesion Force between a Single Microparticle and a Surface Using Radiation Pressure of Pulsed Laser Light. <i>Japanese Journal of Applied Physics</i> , 1997, 36, L721-L723.	0.8	6
283	Optical manipulation of a lasing microparticle and its application to near-field microspectroscopy. <i>Journal of Vacuum Science & Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena</i> , 1997, 15, 2786.	1.6	28
284	Photon tunneling from an optically manipulated microsphere to a surface by lasing spectral analysis. <i>Applied Physics Letters</i> , 1997, 70, 2647-2649.	1.5	33
285	Three-dimensional potential analysis of radiation pressure exerted on a single microparticle. <i>Applied Physics Letters</i> , 1997, 71, 37-39.	1.5	68
286	Manipulation of liquid crystal textures with a focused near infrared laser beam. <i>Applied Physics Letters</i> , 1997, 71, 2085-2087.	1.5	33
287	Switching from photochemical to photothermal mechanism in laser ablation of benzene solutions. <i>Journal of Applied Physics</i> , 1997, 82, 5799-5806.	1.1	36
288	<title>Photopolymers designed for high-resolution laser ablation at a specific irradiation wavelength</title>. , 1997, , .		7

#	ARTICLE	IF	CITATIONS
289	Photocoloration of Spironaphthoxazine Microcrystalline Powder by Femtosecond Laser Pulse Excitation. <i>Chemistry Letters</i> , 1997, 26, 1165-1166.	0.7	14
290	Femtosecond Diffuse Reflectance Spectroscopy on Some Standard TiO ₂ Powder Catalysts. <i>Chemistry Letters</i> , 1997, 26, 735-736.	0.7	27
291	Laser Implantation of Anthracene Molecules into Poly(alkyl methacrylate) Films of Different Glass Transition Temperatures. <i>Journal of Physical Chemistry B</i> , 1997, 101, 3698-3705.	1.2	27
292	Photoreactivities of two kinds of bimolecular crystals formed from acridine and phenothiazine. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1997, , 2033-2038.	0.9	11
293	Nanosecond Electron Transfer Dynamics between Traps in Zeolites Studied by Double-Pulse Excitation Diffuse Reflectance Spectroscopy. <i>Journal of Physical Chemistry B</i> , 1997, 101, 3365-3369.	1.2	13
294	Laser-Induced Decomposition and Ablation Dynamics Studied by Nanosecond Interferometry. 1. A Triazenopolymer Film. <i>Journal of Physical Chemistry A</i> , 1997, 101, 5742-5747.	1.1	52
295	Electronic Structure and Dynamics of the Excited State in CT Microcrystals As Revealed by Femtosecond Diffuse Reflectance Spectroscopy. <i>Journal of Physical Chemistry A</i> , 1997, 101, 612-616.	1.1	23
296	Photoinduced Intramolecular Charge Transfer in Diphenylamino-Substituted Triphenylbenzene, Biphenyl, and Fluorene. <i>Journal of Physical Chemistry A</i> , 1997, 101, 8157-8165.	1.1	52
297	Laser-Controlled Association of Poly(N-vinylcarbazole) in Organic Solvents: A Radiation Pressure Effect of a Focused Near-Infrared Laser Beam. <i>Journal of Physical Chemistry B</i> , 1997, 101, 5900-5904.	1.2	43
298	Spatially Restricted Diffusion Process of Photogenerated Hole in Poly(N-vinylcarbazole) Film As Revealed by Transient Absorption Spectroscopy. <i>Journal of Physical Chemistry B</i> , 1997, 101, 5131-5137.	1.2	11
299	Femto- to Microsecond Excited State Relaxation of 9-(4-(N,N-Dimethylamino)phenyl)phenanthrene and 4-(9-Phenanthryl)-3,5-N,N-tetramethylaniline. <i>Journal of Physical Chemistry A</i> , 1997, 101, 5054-5062.	1.1	19
300	Molecular Assembling by the Radiation Pressure of a Focused Laser Beam: A Poly(N-isopropylacrylamide) in Aqueous Solution. <i>Langmuir</i> , 1997, 13, 414-419.	1.6	115
301	Molecular Association by the Radiation Pressure of a Focused Laser Beam: A Fluorescence Characterization of Pyrene-Labeled PNIPAM. <i>Journal of the American Chemical Society</i> , 1997, 119, 2741-2742.	6.6	60
302	Ultrafast Decay Dynamics of Excited and Charged States in $\hat{\pi}$ -Sexithienyl Film As Revealed by Femtosecond Transient Absorption and Picosecond Fluorescence Spectroscopy. <i>Journal of Physical Chemistry B</i> , 1997, 101, 1510-1519.	1.2	37
303	Vacuum-deposited films of liquid crystal molecule of 4-dodecyloxy-4'-cyanobiphenyl: Their electronic spectra and molecular aggregate structures. <i>Thin Solid Films</i> , 1997, 311, 277-285.	0.8	13
304	Near-field scanning optical microscopy and polymers. <i>Nuclear Instruments & Methods in Physics Research B</i> , 1997, 131, 30-37.	0.6	6
305	Fast and accurate analysis of molecular relaxation processes on high-intensity excitation: non-linear analysis with a convolved autoregressive model. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 1997, 107, 21-25.	2.0	0
306	Direct measurement of picosecond interfacial electron transfer from photoexcited TiO ₂ powder to an adsorbed molecule in the opaque suspension. <i>Chemical Physics Letters</i> , 1997, 275, 234-238.	1.2	52

#	ARTICLE	IF	CITATIONS
307	Laser Ablation. Development and Application of Nanosecond Interferometry for the Clarification of Laser Ablation Dynamics.. The Review of Laser Engineering, 1997, 25, 288-295.	0.0	3
308	Laser Ablation. Laser Ablation Dynamics of Amorphous Film of a Cu-Phthalocyanine Derivative.. The Review of Laser Engineering, 1997, 25, 306-311.	0.0	12
309	Laser Science of a Single Microparticle. The Review of Laser Engineering, 1997, 25, 732-732.	0.0	0
310	Laser Science of a Single Microparticle. Novel Laser-Induced Ejection Phenomenon of Single Polymeric Microspheres.. The Review of Laser Engineering, 1997, 25, 748-753.	0.0	0
311	Laser Science of a Single Microparticle. Laser Manipulation and Fabrication of a Single Microparticle by Photon Pressure.. The Review of Laser Engineering, 1997, 25, 760-764.	0.0	0
312	In Situ Measurements of Ion-Exchange Processes in Single Polymer Particles:Å Laser Trapping Microspectroscopy and Confocal Fluorescence Microspectroscopy. Analytical Chemistry, 1996, 68, 409-414.	3.2	82
313	A Single Droplet Formation from Swelled Micelles by Radiation Pressure of a Focused Infrared Laser Beam. Journal of the American Chemical Society, 1996, 118, 11968-11969.	6.6	56
314	Radiative Depopulation of the Excited Intramolecular Charge-Transfer State of 9-(4-(N,N-Dimethylamino)phenyl)phenanthrene. Journal of the American Chemical Society, 1996, 118, 2892-2902.	6.6	81
315	In Situ Measurements of Ion-Exchange Processes in Single Polymer Particles:Å Laser Trapping Microspectroscopy and Confocal Fluorescence Microspectroscopy. Analytical Chemistry, 1996, 68, 1987-1987.	3.2	4
316	Blind-deconvolution analysis of transient curves by the use of a convolved autoregressive model. Applied Optics, 1996, 35, 5312.	2.1	3
317	Diffuse reflectance laser photolytic studies of naphthalene, biphenyl and some aromatic hydrocarbons adsorbed in the cavities of faujasitic zeolites. Journal of the Chemical Society, Faraday Transactions, 1996, 92, 3653.	1.7	48
318	Molecular mechanism of porphyrin-sensitized laser ablation of polymeric materials. AIP Conference Proceedings, 1996, , .	0.3	0
319	Femtosecond Transient Absorption Microspectroscopy of Benzil Confined Into a Single Bead of Porous Glass. Laser Chemistry, 1996, 16, 197-206.	0.5	1
320	Photothermal Ablation of Polystyrene Film by 248 NM Excimer Laser Irradiation: a Mechanistic Study by Time-Resolved Measurements. Laser Chemistry, 1996, 16, 167-177.	0.5	22
321	Three-Dimensional pH Microprobing with an Optically-Manipulated Fluorescent Particle. Chemistry Letters, 1996, 25, 141-142.	0.7	71
322	Infrared Laser-Induced Photo-Thermal Phase Transition of an Aqueous Poly(N-isopropylacrylamide) Solution in the Micrometer Dimension. Bulletin of the Chemical Society of Japan, 1996, 69, 59-66.	2.0	61
323	Photothermal Dynamics at the Surface of Copper Phthalocyanine Solid Revealed by Time-resolved Regular Reflection Spectroscopy. Chemistry Letters, 1996, 25, 509-510.	0.7	4
324	Localization of a charge transfer excited state in molecular crystals: a direct confirmation by femtosecond diffuse reflectance spectroscopy. Chemical Physics Letters, 1996, 256, 525-530.	1.2	39

#	ARTICLE	IF	CITATIONS
325	Laser implantation of fluorescent molecules into polymer films. <i>Applied Surface Science</i> , 1996, 96-98, 569-571.	3.1	21
326	Fluorescence dynamics of poly(N-vinylcarbazole) in solution as revealed by multicomponent analysis of picosecond time-resolved fluorescence spectra: dependence on tacticity and molecular weight. <i>Polymer</i> , 1996, 37, 31-43.	1.8	43
327	Photothermal Transient Expansion and Contraction Dynamics of Polymer Films by Nanosecond Interferometry. <i>The Journal of Physical Chemistry</i> , 1996, 100, 6871-6875.	2.9	53
328	Laser Induced Phase Transition in Aqueous Solutions of Hydrophobically Modified Poly(N-Isopropylacrylamide). <i>Molecular Crystals and Liquid Crystals</i> , 1996, 283, 165-172.	0.3	18
329	Scavenging Dynamics of Photogenerated Holes in Poly(N-vinylcarbazole) Films. <i>The Journal of Physical Chemistry</i> , 1996, 100, 18436-18444.	2.9	16
330	Second- and Third-Harmonic Generation from Optically Trapped Liquid Crystal Droplet. <i>Japanese Journal of Applied Physics</i> , 1996, 35, L547-L550.	0.8	3
331	Unconventional Laser Chemistry. Ultrafast Laser Spectroscopy of Light Scattering Materials.. <i>The Review of Laser Engineering</i> , 1996, 24, 796-803.	0.0	1
332	æ-°ã-ã,ãf-ãf1/4ã,¶ãf1/4ã•ã,%oç”ÿã³/4ã,CEã,æ-°ã-ã,ãf-ãf1/4ã,¶ãf1/4ãCE-ã†. <i>The Review of Laser Engineering</i> , 1996, 24, 743-743.	0.0	0
333	Spectroscopic and Kinetic Studies on Volume Expansion Processes of Photoresponsive Polyacrylamide Microgels in Water. <i>Bulletin of the Chemical Society of Japan</i> , 1995, 68, 3397-3402.	2.0	6
334	Immobilization of Protein on Micropatterns by the Use of Photoremovable Activated Ester. <i>Chemistry Letters</i> , 1995, 24, 237-238.	0.7	4
335	Micrometer Size Effect upon the Viscosity of Individual Droplets Dispersed in the Oil/Water/Dodecyl Sulfate System: A Transient Absorption Microspectroscopic Study. <i>The Journal of Physical Chemistry</i> , 1995, 99, 15192-15197.	2.9	11
336	Excimer formation of pyrene in a solid/polymer solution interface layer. A time-resolved total internal reflection fluorescence study. <i>The Journal of Physical Chemistry</i> , 1995, 99, 4980-4985.	2.9	19
337	Time-resolved fluorescence and absorption microspectroscopy of a single microparticle. <i>Analytica Chimica Acta</i> , 1995, 299, 309-318.	2.6	6
338	A picosecond regular reflection polarization spectroscopic study on ultrafast photothermal conversion dynamics and energy migration of amorphous Cu-phthalocyanine solid. <i>Chemical Physics Letters</i> , 1995, 232, 346-350.	1.2	9
339	Hole diffusion-controlled geminate charge recombination dynamics in doped poly(N-vinylcarbazole) films by transient absorption spectroscopy. <i>Chemical Physics Letters</i> , 1995, 233, 69-74.	1.2	18
340	Nonlinear excited-state dynamics of a thin copper phthalocyanine film by femtosecond transient grating spectroscopy. <i>Chemical Physics Letters</i> , 1995, 234, 337-342.	1.2	14
341	Time-resolved spectroscopic and photographic studies on laser ablation of poly(methyl methacrylate) film doped with biphenyl. <i>The Journal of Physical Chemistry</i> , 1995, 99, 750-757.	2.9	47
342	UV Laser Induced Jet Formation from Liquid Surface As Revealed by Nanosecond Time-Resolved Imaging and Spectroscopic Studies. <i>The Journal of Physical Chemistry</i> , 1995, 99, 10305-10312.	2.9	35

#	ARTICLE	IF	CITATIONS
343	Laser Ablation Dynamics of a Poly(methyl methacrylate) Film Doped with 5-Diazo Meldrum's Acid. The Journal of Physical Chemistry, 1995, 99, 11481-11488.	2.9	38
344	Laser ablation of pyrene-doped poly(methyl methacrylate) film: Dynamics of pyrene transient species by spectroscopic measurements. The Journal of Physical Chemistry, 1995, 99, 11844-11853.	2.9	56
345	Ultrafast Electron-Transfer and Recombination Processes in Copper Phthalocyanine Solid/Water Interface As Revealed by Picosecond Regular Reflection Spectroscopy. The Journal of Physical Chemistry, 1995, 99, 12072-12075.	2.9	12
346	A Nanosecond Transient Absorption Study of Photoinduced Heat Generation in Microcrystals of .chi.-Metal-Free Phthalocyanine Dispersed in Polymer Films. The Journal of Physical Chemistry, 1995, 99, 17174-17180.	2.9	7
347	Electronic Structure and Dynamics of Ionic Species in Thin Poly(N-vinylcarbazole) Films Doped with Some Electron Acceptors As Revealed by Transient Absorption Spectroscopy. The Journal of Physical Chemistry, 1995, 99, 3629-3635.	2.9	30
348	Time-Dependent Fluorescence Depolarization Analysis in Three-Dimensional Microspectroscopy. Applied Spectroscopy, 1995, 49, 224-228.	1.2	71
349	Dynamics of Laser Induced Morphological Changes of Liquids Part I. Cavitation and Explosive Vaporization of Liquids.. The Review of Laser Engineering, 1995, 23, 2-8.	0.0	4
350	Dynamics of Laser Induced Morphological Changes of Liquids Part II. Liquid Ablation by Electronic Excitation.. The Review of Laser Engineering, 1995, 23, 9-15.	0.0	2
351	The 248 nm Excimer Laser Ablation of Liquid Benzene Derivatives: A Relation between Ablation Threshold and Molecular Photochemical Reactivity. The Journal of Physical Chemistry, 1994, 98, 11237-11241.	2.9	64
352	Picosecond Regular Reflection Spectroscopic Study on Ultrafast Photoinduced Heat Generation in Copper Phthalocyanine Solid. The Journal of Physical Chemistry, 1994, 98, 12211-12214.	2.9	17
353	Optical Control of Microspherical Laser Oscillation by Transient Absorption. Japanese Journal of Applied Physics, 1994, 33, L1413.	0.8	5
354	Modification of n-Si(100) Surface by Scanning Tunneling Microscope Tip-Induced Anodization under Nitrogen Atmosphere. Japanese Journal of Applied Physics, 1994, 33, L143-L145.	0.8	32
355	Directional growth of copper phthalocyanine crystal by selective chemical vapor deposition method. Applied Physics Letters, 1994, 65, 1367-1369.	1.5	5
356	Nanosecond time-resolved interferometric study on morphological dynamics of doped poly(methyl Tj ETQq0 0 0 rgBT /Overlock 10 Tf	1.5	48
357	Selective incorporation of dye molecules on poly(methyl methacrylate) surface fabricated by laser irradiation. Journal of Applied Physics, 1994, 76, 4872-4878.	1.1	12
358	Nanosecond imaging study on laser ablation of liquid benzene. Applied Physics Letters, 1994, 64, 2745-2747.	1.5	41
359	Each dopant can absorb more than ten photons: Transient absorbance measurement at excitation laser wavelength in polymer ablation. Applied Physics Letters, 1994, 64, 2451-2453.	1.5	47
360	Observation and characterization of excimer emission from anthracene included in NaX zeolite. Chemical Physics Letters, 1994, 219, 445-451.	1.2	42

#	ARTICLE	IF	CITATIONS
361	A picosecond diffuse reflectance laser photolysis study on phenanthrene- π -pyromellitic dianhydride charge-transfer crystal. <i>Chemical Physics Letters</i> , 1994, 220, 461-466.	1.2	19
362	The mechanism of dopant-induced laser ablation. Possibility of cyclic multiphotonic absorption in excited states. <i>Chemical Physics Letters</i> , 1994, 221, 373-378.	1.2	119
363	Picosecond diffuse reflectance laser photolysis study on 9,10-dichloroanthracene and 9,10-dibromoanthracene microcrystals. <i>Chemical Physics Letters</i> , 1994, 222, 123-128.	1.2	11
364	Diffuse reflectance laser photolysis study on triplet complex between aromatics and Tl^+ included in Tl^+ -exchanged X-type zeolite. <i>Chemical Physics Letters</i> , 1994, 223, 493-500.	1.2	17
365	Salt effects on a proton transfer reaction of excited 1-naphthol in a solid/liquid interface layer. <i>Chemical Physics Letters</i> , 1994, 229, 389-393.	1.2	6
366	Intracavity transient absorption effect on lasing of a dye-doped microspherical particle. <i>Chemical Physics Letters</i> , 1994, 229, 559-563.	1.2	13
367	Laser trapping and electrochemistry of a single oil droplet in water: Electron transfer across the oil-droplet electrode interface. <i>Journal of Electroanalytical Chemistry</i> , 1994, 367, 109-114.	1.9	28
368	Micrometer size dependence of mass transfer rate across a single droplet water interface by a laser trapping- π -electrochemistry technique. <i>Journal of Electroanalytical Chemistry</i> , 1994, 375, 383-386.	1.9	36
369	Fluorescence dynamics of charge-transfer-complex films of poly(N-vinylcarbazole) and 1,2,4,5-tetracyanobenzene and molecular aspects of the disordered structure. <i>Polymer</i> , 1994, 35, 3149-3155.	1.8	21
370	Aggregation of pyrene in poly(alkyl methacrylate) films revealed by time-resolved total internal reflection fluorescence spectroscopy. <i>Polymer</i> , 1994, 35, 3920-3926.	1.8	9
371	In situ fluorescence observation of the vacuum-deposition process of 1,3-di-N-carbazolylpropane and morphological characteristics of the deposited film. <i>Chemistry of Materials</i> , 1994, 6, 174-181.	3.2	6
372	Scanning Tunneling Microscope Tip-Induced Anodization for Nanofabrication of Titanium. <i>The Journal of Physical Chemistry</i> , 1994, 98, 4352-4357.	2.9	110
373	Scanning tunneling microscope tip-induced anodization of titanium: Characterization of the modified surface and application to the metal resist process for nanolithography. <i>Journal of Vacuum Science & Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena</i> , 1994, 12, 2884.	1.6	38
374	Laser Implantation of Pyrene Molecules into Poly(methyl methacrylate) Films. <i>Journal of the American Chemical Society</i> , 1994, 116, 10304-10305.	6.6	57
375	Fluorescence Analysis of ANS Interacting with Individual Laser-Trapped Microspheres Having Different Surface Properties. <i>Chemistry Letters</i> , 1994, 23, 1589-1592.	0.7	2
376	Absorption Microspectroscopy of Zinc Tetraphenylporphyrin in an Individual Droplet in Water. <i>The Journal of Physical Chemistry</i> , 1994, 98, 3073-3075.	2.9	16
377	Excited-state proton transfer of 1-naphthol in liquid- π -solid interface layers. Picosecond time-resolved total internal reflection fluorescence study. <i>Chemical Physics Letters</i> , 1993, 201, 115-119.	1.2	26
378	Effects of the solid/liquid interface on the excimer formation of pyrene in toluene containing poly(methyl methacrylate). A time-resolved total internal reflection fluorescence study. <i>Chemical Physics Letters</i> , 1993, 213, 407-411.	1.2	6

#	ARTICLE	IF	CITATIONS
379	The initial photochemical process of triosmiumdodecacarbonyl adsorbed on the surface of silica as studied by picosecond diffuse reflectance laser photolysis and matrix isolation. <i>Chemical Physics Letters</i> , 1993, 215, 323-328.	1.2	1
380	Femtosecond transient absorption spectroscopy of a single perylene microcrystal under a microscope. <i>Chemical Physics Letters</i> , 1993, 211, 364-370.	1.2	36
381	Fluorescence dynamics of poly (N-vinylcarbazole) in fluid solution. Multivariate analysis of time-resolved fluorescence spectra. <i>Chemical Physics Letters</i> , 1993, 208, 283-289.	1.2	18
382	Picosecond lasing dynamics of a single dye-doped microparticle in solution. <i>Chemical Physics Letters</i> , 1993, 210, 89-93.	1.2	36
383	Photoelectrolysis of water on a titanium dioxide/platinum microelectrode array. <i>Journal of Electroanalytical Chemistry</i> , 1993, 351, 343-348.	1.9	2
384	Topographical imaging of Prussian Blue surfaces by direct-mode scanning electrochemical microscopy. <i>Journal of Electroanalytical Chemistry</i> , 1993, 346, 147-160.	1.9	27
385	Direct-mode scanning electrochemical microscopy with three electrodes: application to fluorescent micropattern formation. <i>Journal of Electroanalytical Chemistry</i> , 1993, 361, 57-63.	1.9	19
386	Iridium oxide-based microelectrochemical transistors for pH sensing. <i>Sensors and Actuators B: Chemical</i> , 1993, 12, 225-230.	4.0	56
387	Electrochemically-deposited RuO ₂ films as pH sensors. <i>Sensors and Actuators B: Chemical</i> , 1993, 14, 561-562.	4.0	25
388	LASER PHOTOLYSIS STUDY ON POLY(N-VINYLCARBAZOLE) ADSORBED ON CELLULOSE SUBSTRATE. <i>Photochemistry and Photobiology</i> , 1993, 58, 777-784.	1.3	5
389	Tip-induced anodization of titanium surfaces by scanning tunneling microscopy: A humidity effect on nanolithography. <i>Applied Physics Letters</i> , 1993, 63, 1288-1290.	1.5	114
390	Laser manipulation and assembling of polymer latex particles in solution. <i>Macromolecules</i> , 1993, 26, 282-286.	2.2	38
391	A novel approach to chemical functionalization of polymer film surfaces by aromatic compounds via photoinduced electron transfer. <i>Macromolecules</i> , 1993, 26, 2331-2339.	2.2	4
392	Pyrene excimer formation in individual oil droplets dispersed in gelatin matrixes: space- and time-resolved fluorescence spectroscopy. <i>The Journal of Physical Chemistry</i> , 1993, 97, 1701-1706.	2.9	18
393	Electrochemistry and fluorescence spectroscopy of a single, laser-trapped oil droplet in water: mass transfer across microdroplet-water interface. <i>The Journal of Physical Chemistry</i> , 1993, 97, 5197-5199.	2.9	42
394	Diffuse reflectance laser photolysis and luminescence study on poly(ethylene terephthalate) powder. <i>The Journal of Physical Chemistry</i> , 1993, 97, 6753-6759.	2.9	13
395	Mass spectrometric studies on laser ablation of polystyrene sensitized with anthracene. <i>The Journal of Physical Chemistry</i> , 1993, 97, 13761-13766.	2.9	61
396	Simultaneous Manipulation and Lasing of a Polymer Microparticle Using a CW 1064 nm Laser Beam. <i>Japanese Journal of Applied Physics</i> , 1993, 32, L788-L790.	0.8	23

#	ARTICLE	IF	CITATIONS
397	Nanofabrication of Titanium Surface by Tip-Induced Anodization in Scanning Tunneling Microscopy. Japanese Journal of Applied Physics, 1993, 32, L553-L555.	0.8	78
398	Optical Micromanipulation of a Lasing Polymer Particle in Water. Japanese Journal of Applied Physics, 1993, 32, L1144-L1147.	0.8	34
399	Femtosecond transient absorption microspectrophotometer combined with optical trapping technique. Review of Scientific Instruments, 1993, 64, 2496-2503.	0.6	22
400	Time-resolved Absorption Spectral Measurement of Polymer Films during Laser Ablation. Chemistry Letters, 1993, 22, 245-248.	0.7	6
401	Poly(N-isopropylacrylamide) Microparticle Formation in Water by Infrared Laser-Induced Photo-Thermal Phase Transition. Chemistry Letters, 1993, 22, 481-484.	0.7	45
402	Inhomogeneous Aggregation of a Merocyanine Dye at the Solid/Liquid Interface Layer. A Picosecond Time-Resolved Total Internal Reflection Fluorescence Study. Chemistry Letters, 1993, 22, 1105-1108.	0.7	5
403	Photochemical Micropatterning of Silylated Glass Surface Bearing 3-Phenyldithiopropyl Group by KrF Laser Irradiation. Chemistry Letters, 1993, 22, 1961-1964.	0.7	19
404	Photocatalytic Micropatterning of Titanium Oxide Surface with Platinum. Chemistry Letters, 1993, 22, 379-382.	0.7	9
405	Control of a Dye Formation Reaction in a Single Micrometer-Sized Oil-Droplet by Laser Trapping and Microelectrochemical Methods. Chemistry Letters, 1993, 22, 717-720.	0.7	10
406	Structure of Polymer Films Studied with Picosecond Total Internal Reflection Fluorescence Spectroscopy. ACS Symposium Series, 1993, , 167-178.	0.5	3
407	Transient absorption spectroscopic study on photothermal process and laser ablation of poly(N-vinylcarbazole) film. The Journal of Physical Chemistry, 1993, 97, 12110-12113.	2.9	15
408	Photoexcitation Effects on Scanning Tunneling Microscope Images of Surface Oxide Layer of Titanium. Japanese Journal of Applied Physics, 1992, 31, L1506-L1508.	0.8	12
409	Pyrene excimer formation dynamics in a single microcapsule by space- and time-resolved fluorescence spectroscopy. The Journal of Physical Chemistry, 1992, 96, 2909-2914.	2.9	22
410	Optical trapping of a metal particle and a water droplet by a scanning laser beam. Applied Physics Letters, 1992, 60, 807-809.	1.5	222
411	Micrometer patterning of phthalocyanine derivatives by selective chemical vapor deposition method. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 1992, 10, 1508-1510.	0.9	6
412	Direct Observation of Photoinduced Charge Separation Dynamics in Solid Poly(N-vinylcarbazole) Powders by Diffuse Reflectance Laser Photolysis. Chemistry Letters, 1992, 21, 1165-1168.	0.7	4
413	Simultaneous Measurements of Absorbance and Volume Changes of a Photoresponsive Polyacrylamide Microgel in Water. Chemistry Letters, 1992, 21, 311-314.	0.7	2
414	Laser microchemistry. Pure and Applied Chemistry, 1992, 64, 1279-1284.	0.9	8

#	ARTICLE	IF	CITATIONS
415	Time-resolved spectroscopy and nanosecond photography of laser ablation processes of polymers.. Journal of Photopolymer Science and Technology = [Fotoporima Konwakai Shi], 1992, 5, 223-230.	0.1	11
416	Multibeam laser manipulation and fixation of microparticles. Applied Physics Letters, 1992, 60, 310-312.	1.5	136
417	Enzyme-like activity of albumins on the thermal back reaction of a photochromic spirobenzopyran. Journal of the American Chemical Society, 1992, 114, 4417-4418.	6.6	20
418	Confocal laser-induced absorption microscope. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 1992, 9, 932.	0.8	13
419	Absorption effects on total-internal-reflection fluorescence spectroscopy. Applied Optics, 1992, 31, 6376.	2.1	18
420	Depth Profile of Pyrene Dopant in Polymer Films by Variable-Angle Total Internal Reflection Fluorescence Spectroscopy. Applied Spectroscopy, 1992, 46, 832-840.	1.2	13
421	Vacuum-deposited films of meso-2,4-di(N-carbazolyl)pentane. In situ fluorescence observation of the deposition process and fluorescence and morphological characteristics of the films. Journal of Materials Chemistry, 1992, 2, 897.	6.7	5
422	Laser spectroscopy and photochemistry in micrometre small volumes. Journal of Photochemistry and Photobiology A: Chemistry, 1992, 65, 235-247.	2.0	14
423	Space- and time-resolved laser spectroscopy and photochemistry of organic solids. Journal of Photochemistry and Photobiology A: Chemistry, 1992, 62, 397-413.	2.0	19
424	Fluorescent micropattern formation on ionic conductive polymer films by a scanning electrochemical microscope. Ultramicroscopy, 1992, 42-44, 468-474.	0.8	10
425	Photophysical properties of anthanthrone in the presence of electron donors. Journal of Photochemistry and Photobiology A: Chemistry, 1992, 66, 1-13.	2.0	6
426	Solvation dynamics of a coumarin dye at liquid-liquid interface layer. Picosecond total internal reflection fluorescence spectroscopic study. Chemical Physics Letters, 1992, 200, 469-474.	1.2	39
427	Intersystem crossing of benzophenone by femtosecond transient grating spectroscopy. Chemical Physics Letters, 1992, 198, 413-418.	1.2	54
428	Femtosecond transient absorption spectroscopy of a spirooxazine photochromic reaction. Chemical Physics Letters, 1992, 191, 189-194.	1.2	105
429	Laser ablation dynamics of silicon- and/or sulfur-containing polymers revealed by time-resolved luminescence spectroscopy. Chemical Physics Letters, 1992, 194, 203-207.	1.2	6
430	Photoinduced Charge Transfer Dynamics in Poly(N-vinylcarbazole) Films. , 1992, , 363-375.		1
431	Heterogeneous photochemical reaction of 1-methyl-2-arylcyclopropanes with surface hydroxy groups. Journal of the Chemical Society Chemical Communications, 1991, , 985.	2.0	3
432	Selective incorporation and aggregation of pyrene in a segmented poly(urethane urea) film as revealed by picosecond total internal reflection fluorescence spectroscopy. Chemistry of Materials, 1991, 3, 413-418.	3.2	18

#	ARTICLE	IF	CITATIONS
433	Laser manipulation and ablation of a single microcapsule in water. Journal of the American Chemical Society, 1991, 113, 7859-7863.	6.6	61
434	Photoreaction of Meldrum's diazo in poly(methyl methacrylate) matrixes. Journal of the American Chemical Society, 1991, 113, 9702-9704.	6.6	20
435	Analysis of transient emission curves by a convolved autoregressive model. Applied Optics, 1991, 30, 977.	2.1	16
436	Three-Dimensional Space- and Time-Resolved Fluorescence Spectroscopy. Applied Spectroscopy, 1991, 45, 1041-1045.	1.2	41
437	Pattern formation and flow control of fine particles by laser-scanning micromanipulation. Optics Letters, 1991, 16, 1463.	1.7	297
438	Laser-assisted vacuum deposition of 10-(1-pyrenyl)decanoic acid: in situ fluorescence observation of the process. Chemistry of Materials, 1991, 3, 271-275.	3.2	5
439	<title>Structure of poly(p-hydroxystyrene) film</title>. , 1991, 1466, 458.		13
440	Spatial Pattern Formation, Size Selection, and Directional Flow of Polymer Latex Particles by Laser Trapping Technique. Chemistry Letters, 1991, 20, 469-472.	0.7	22
441	In situ observation of vacuum deposition process of 10-(1-pyrenyl) decanoic acid by fluorescence measurement. Thin Solid Films, 1991, 197, 357-365.	0.8	9
442	Laser-induced geometrical change of fluorescent traps in cast films of carbazole-containing bilayer membranes. Thin Solid Films, 1991, 202, 137-143.	0.8	1
443	Microviscosity in polyacrylamide gels with pendant triphenyl-methane leuco derivatives: picosecond time-resolved fluorescence study. Chemical Physics Letters, 1991, 184, 398-403.	1.2	18
444	Title is missing!. Die Makromolekulare Chemie Rapid Communications, 1991, 12, 687-690.	1.1	17
445	Micrometer-domain fluorescence dynamics of xanthene dyes in polymer films. Journal of Luminescence, 1991, 48-49, 278-282.	1.5	0
446	Porphyrin-sensitized laser swelling and ablation of polymer films. Applied Physics A: Solids and Surfaces, 1991, 53, 255-259.	1.4	43
447	Laser-Scanning Micromanipulation and Spatial Patterning of Fine Particles. Japanese Journal of Applied Physics, 1991, 30, L907-L909.	0.8	97
448	Three-dimensional optical trapping and laser ablation of a single polymer latex particle in water. Journal of Applied Physics, 1991, 70, 3829-3836.	1.1	207
449	Time-resolved luminescence spectroscopy of plasma emission from laser ablation of Biâ€Srâ€Caâ€Cu oxide superconductor and related materials. Applied Physics Letters, 1991, 58, 2546-2548.	1.5	18
450	Fluorescent micropattern formation on polymer surface by laser ablation. Applied Physics Letters, 1991, 59, 3189-3190.	1.5	9

#	ARTICLE	IF	CITATIONS
451	Micrometer patterning of phthalocyanines by selective chemical vapor deposition. Applied Physics Letters, 1991, 59, 2466-2468.	1.5	9
452	MICROMETER PHOTOCHEMICAL DYNAMICS IN ORGANIZED MOLECULAR SYSTEMS. , 1991, , 509-524.		3
453	Toward Microphotoconversion.. The Review of Laser Engineering, 1991, 19, 520-527.	0.0	0
454	INTERFACIAL CHARACTERISTICS OF DOPED POLYMER FILMS: TOTAL INTERNAL REFLECTION FLUORESCENCE SPECTROSCOPIC STUDY. , 1991, , 315-328.		0
455	MICROPHOTOCONVERSION: EXPLORATORY CHEMISTRY BY LASER AND MICROFABRICATION. , 1991, , 491-507.		3
456	Picosecond 266-nm multiphoton laser photolysis studies on liquid alkane solution of aromatic hydrocarbons: ultrafast solute triplet formation. The Journal of Physical Chemistry, 1990, 94, 3577-3582.	2.9	11
457	Foreign Gas Effect upon Excimer Laser Ablation of Polymer. Materials Research Society Symposia Proceedings, 1990, 191, 91.	0.1	9
458	Detection of the Triplet State of Some Organic Molecules Adsorbed on Cellulose Substrate by Diffuse Reflectance Laser Photolysis Method. Chemistry Letters, 1990, 19, 683-686.	0.7	3
459	Absorption Spectra and Dynamics of the Triplet State in p-Terphenyl Powder Systems: a Diffuse Reflectance Laser Photolysis Study. Bulletin of the Chemical Society of Japan, 1990, 63, 3495-3501.	2.0	14
460	Photochemical Surface Modification of Poly(2-hydroxyethyl methacrylate) Film with 1-(1-Pyrenyl)-2-methylpropene. Chemistry Letters, 1990, 19, 1945-1948.	0.7	5
461	Laser Trapping, Spectroscopy, and Ablation of a Single Latex Particle in Water. Chemistry Letters, 1990, 19, 1479-1482.	0.7	26
462	Direct observation of vacuum-deposition process by means of fluorescence spectroscopy: Set-up of the apparatus and an application to 10-(1-pyrenyl)decanoic acid.. Kobunshi Ronbunshu, 1990, 47, 801-807.	0.2	0
463	Interfacial Characteristics of Poly(methyl methacrylate) Film: Aggregation of Pyrene and Micropolarity Revealed by Time-Resolved Total Internal Reflection Fluorescence Spectroscopy. Polymer Journal, 1990, 22, 697-704.	1.3	21
464	Laser photolysis study on photoinduced charge separation in poly(N-vinylcarbazole) thin films. Chemical Physics Letters, 1990, 174, 145-150.	1.2	26
465	Laser-induced geometrical change of fluorescent traps in cast thin films of 10-(1-pyrenyl) alcanoic acids. Thin Solid Films, 1990, 185, 307-320.	0.8	10
466	Fluorescence characterization of ablated polymeric materials: Poly(methyl methacrylate) doped with 1-ethylpyrene. Journal of Applied Physics, 1990, 67, 2240-2244.	1.1	16
467	Time-dependent fluorescence spectral shift and unusual slow decay of exciplex in poly(N-vinylcarbazole) films. The Journal of Physical Chemistry, 1989, 93, 5351-5353.	2.9	55
468	Dynamic Luminescence Spectroscopic Study on Laser Ablation of Bi-Sr-Ca-Cu Oxide Superconducting Materials. Japanese Journal of Applied Physics, 1989, 28, L412-L414.	0.8	11

#	ARTICLE	IF	CITATIONS
469	Intramolecular excimer formation of the diastereoisomers of bis[1-(2-pyrenyl)ethyl] ether as revealed by picosecond time-resolved absorption spectroscopy. <i>Chemical Physics Letters</i> , 1989, 154, 207-211.	1.2	3
470	Dynamic attenuated total reflection UV-visible spectroscopy for surface photophysics and photochemistry. <i>Chemical Physics Letters</i> , 1989, 156, 204-208.	1.2	13
471	Laser ablation dynamics of poly(N-vinylcarbazole) film as revealed by time-resolved fluorescence spectroscopy. <i>Chemical Physics Letters</i> , 1989, 156, 446-449.	1.2	17
472	Fluorescence characteristics, formation mechanism and chromophore association of ω -(1-pyrenyl) alkanolic acid films prepared by vacuum deposition. <i>Thin Solid Films</i> , 1989, 169, 323-332.	0.8	13
473	Intramolecular excimer formation dynamics of meso-bis[1-(2-pyrenyl)ethyl] ether studied by single-photon timing with simultaneous analysis. <i>Macromolecules</i> , 1989, 22, 2166-2168.	2.2	8
474	Fluorescence spectral change of LB films containing ω -(1-pyrenyl)alkanoic acids induced by an excimer laser. <i>Langmuir</i> , 1989, 5, 1407-1409.	1.6	9
475	Picosecond dynamics of excited singlet states in organic microcrystals: Diffuse reflectance laser photolysis study. <i>Chemical Physics Letters</i> , 1988, 150, 452-456.	1.2	39
476	Fluorescence dynamics of poly(N-vinylcarbazole) in solution: Direct detection of monomer fluorescence and the role of tacticity. <i>Chemical Physics Letters</i> , 1988, 146, 570-575.	1.2	14
477	Dopant-induced ablation of polymers by a 308 nm excimer laser. <i>Journal of Vacuum Science & Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena</i> , 1988, 6, 463.	1.6	37
478	Dopant-induced ablation of poly(methyl methacrylate) by a 308-nm excimer laser. <i>Macromolecules</i> , 1987, 20, 450-452.	2.2	66
479	Dynamic Fluorescence Microprobe Method Utilizing Total Internal Reflection Phenomenon. <i>Chemistry Letters</i> , 1987, 16, 1079-1082.	0.7	7
480	Photochemical Transient Species of Poly(ethylene terephthalate) Powders as Revealed by the Diffuse Reflectance Laser Photolysis Method. <i>Polymer Journal</i> , 1987, 19, 999-1001.	1.3	6
481	Picosecond 266-nm Multiphoton Laser Photolysis Studies on the Solvated Electron Formation Process in Water and Liquid Alcohols. <i>Laser Chemistry</i> , 1987, 7, 119-128.	0.5	18
482	Excimer dynamics of poly(n-vinylcarbazole) films revealed by time-correlated single photon counting measurements. <i>Chemical Physics Letters</i> , 1987, 138, 231-236.	1.2	35
483	Picosecond transient absorption spectral and kinetic study on benzophenone microcrystals by diffuse reflectance laser photolysis method. <i>Chemical Physics Letters</i> , 1987, 140, 281-285.	1.2	42
484	Fluorescence spectral changes of vacuum-deposited films of ω -(1-pyrenyl)alkanoic acids induced by an excimer laser: molecular aspects of laser annealing. <i>Chemical Physics Letters</i> , 1987, 133, 235-238.	1.2	15
485	Non-linear photochemistry of polymer films: laser ablation of poly (n-vinylcarbazole). <i>Chemical Physics Letters</i> , 1987, 135, 103-108.	1.2	15
486	Absorption Spectra of Poly(L-vinylpyrene) in the Excited and Ionic States. <i>Polymer Journal</i> , 1986, 18, 181-184.	1.3	5

#	ARTICLE	IF	CITATIONS
487	Absorption Spectra of N-Acetyl-bis(1-pyrenylalanine)methylester in the Excited and Ionic States. <i>Polymer Journal</i> , 1986, 18, 331-335.	1.3	2
488	Depth-distribution of Fluorescent Species in Silk Fabrics as Revealed by Total Internal Reflection Fluorescence Spectroscopy. <i>Chemistry Letters</i> , 1986, 15, 1413-1416.	0.7	8
489	New Fluorescence from Molecular Aggregates of 10-(1-Pyrenyl)decanoic Acid. <i>Chemistry Letters</i> , 1986, 15, 1541-1544.	0.7	8
490	Time-resolved total internal reflection fluorescence spectroscopy for surface photophysics studies. <i>The Journal of Physical Chemistry</i> , 1986, 90, 5830-5835.	2.9	32
491	Intrapolymer charge separation induced by picosecond multiphoton excitation: synthetic polypeptides with a pendant 1-pyrenyl group in N,N-dimethylformamide. <i>The Journal of Physical Chemistry</i> , 1986, 90, 2791-2796.	2.9	5
492	Intrapolymer charge separation induced by picosecond multiphoton excitation: polyesters with pendant 1-pyrenyl groups in DMF. <i>Chemical Physics Letters</i> , 1986, 125, 246-250.	1.2	2
493	Fluorescence spectra of vacuum-deposited films of 1-(1-pyrenyl)alkanoic acids. <i>Chemical Physics Letters</i> , 1986, 132, 516-520.	1.2	34
494	Electron Transfer Dynamics in the Excited Polymer and Related Systems in Solution. , 1986, , 65-84.		4
495	An Introduction to Transient Absorption Spectroscopy and Nonlinear Photochemical Behavior of Polymer Systems. , 1986, , 43-63.		0
496	Picosecond ultraviolet multiphoton laser photolysis and transient absorption spectroscopy of liquid benzenes. <i>The Journal of Physical Chemistry</i> , 1985, 89, 1631-1636.	2.9	43
497	Dynamics of bichromophoric compounds in the excited and ionic states: Conformational and configurational aspects. <i>Journal of Molecular Structure</i> , 1985, 126, 145-158.	1.8	12
498	Vacuum-deposited films of 12-(1-pyrenyl)dodecanoic acid analysed by fluorescence spectroscopy. <i>Thin Solid Films</i> , 1985, 129, L45-L48.	0.8	13
499	Time- and depth-resolved fluorescence spectra of layered organic films prepared by vacuum deposition. <i>Journal of Colloid and Interface Science</i> , 1985, 104, 596-598.	5.0	15
500	Picosecond 266 nm multiphoton laser photolysis of liquid alkyl chlorides: Production of ionic species. <i>Chemical Physics Letters</i> , 1985, 118, 459-463.	1.2	14
501	Laser photochemistry of polymers. <i>Die Makromolekulare Chemie</i> , 1985, 13, 75-90.	1.1	10
502	Absorption spectra of radical ions of polymers having carbazolyl chromophores. <i>The Journal of Physical Chemistry</i> , 1984, 88, 3971-3974.	2.9	36
503	Fluorescence quenching mechanism of aromatic hydrocarbons by closed-shell heavy metal ions in aqueous and organic solutions. <i>The Journal of Physical Chemistry</i> , 1984, 88, 5868-5873.	2.9	112
504	Picosecond time-resolved fluorescence spectra of a liquid crystal: Fluorescence behavior related to phase transitions in cyanooctyloxybiphenyl. <i>Chemical Physics Letters</i> , 1984, 104, 485-488.	1.2	50

#	ARTICLE	IF	CITATIONS
505	Configurational and conformational aspects in the excimer formation of bis(carbazoles). Journal of the American Chemical Society, 1984, 106, 8057-8064.	6.6	104
506	Excimer formation in poly(N-vinylcarbazole) and its model compounds as revealed by picosecond time-resolved absorption spectroscopy. Chemical Physics Letters, 1983, 95, 471-475.	0.1	2
507	Excimer formation in poly(N-vinylcarbazole) and its model compounds as revealed by picosecond time-resolved absorption spectroscopy. Chemical Physics Letters, 1983, 95, 471-475.	1.2	16
508	Picosecond 266 nm photolysis of neat liquids: Solvated electron formation in water and alcohols. Chemical Physics Letters, 1983, 98, 277-281.	1.2	18
509	Time-resolved total internal reflection fluorescence spectroscopy of polymer films. Chemical Physics Letters, 1983, 100, 415-419.	1.2	42
510	Temporal characteristics of picosecond continuum as revealed by a two-dimensional analysis of streak images. Optics Communications, 1983, 44, 426-429.	1.0	29
511	Absorption spectra and dynamics of some excited and ionic dicarbazolyl compounds with specific geometrical structures. Journal of the American Chemical Society, 1983, 105, 7256-7262.	6.6	90
512	Excited and ionic states of polymers with pendant phenanthryl groups in solution. Model systems for photophysics in phenanthrene aggregates. The Journal of Physical Chemistry, 1983, 87, 4461-4467.	2.9	22
513	Absorption Spectra and Dynamics of the Triplet State of Bis[1-(1-pyrenyl)ethyl]ethers. Polymer Journal, 1983, 15, 915-917.	1.3	13
514	Picosecond Absorption Spectra and Relaxation Processes of the Excited Singlet State of Pyrene in Solution. Laser Chemistry, 1983, 1, 357-386.	0.5	92
515	Picosecond fluorescence studies on poly(N-vinyl-5H-benzo[b]carbazole) in solution. Macromolecules, 1982, 15, 1213-1214.	2.2	6
516	Exciplex formation of rac- and meso-2,4-di(N-carbazolyl)pentane with m-dicyanobenzene. Model systems for fluorescence quenching in poly(N-vinylcarbazole). Macromolecules, 1982, 15, 1471-1474.	2.2	18
517	Excimer dynamics in poly(N-vinylcarbazole) films. Chemical Physics Letters, 1982, 91, 113-116.	1.2	16
518	Intrapolymer interactions between the excited singlet states in dilute solution. Chemical Physics Letters, 1982, 91, 109-112.	1.2	8
519	Radical yield in electron transfer quenching of the excited tris(2,2'-bipyridine)ruthenium(II) complex. Chemical Physics Letters, 1982, 88, 161-165.	1.2	15
520	Energy transfer in the doped poly(N-Vinylcabazole)films. Chemical Physics Letters, 1982, 91, 209-212.	1.2	13
521	Title is missing!. Journal of the Spectroscopical Society of Japan, 1982, 31, 19-30.	0.0	50
522	Laser photochemistry of polymers having 1,2-trans-dicarbazolylcyclobutane groups in solution. Macromolecules, 1981, 14, 1738-1742.	2.2	25

#	ARTICLE	IF	CITATIONS
523	Ionic photodissociation of electron donor-acceptor systems in solution. <i>Accounts of Chemical Research</i> , 1981, 14, 312-318.	7.6	171
524	Exciplex emissions of intra- and intermolecular benzophenone and N,N-dimethylaniline systems. <i>Journal of the American Chemical Society</i> , 1981, 103, 634-640.	6.6	26
525	Picosecond two-photon photolysis of neat liquids. <i>Chemical Physics Letters</i> , 1981, 82, 59-62.	1.2	30
526	Dynamics of polymer-bound excimers and exciplexes. <i>Journal of Luminescence</i> , 1981, 24-25, 511-518.	1.5	11
527	Title is missing!. <i>Journal of the Spectroscopical Society of Japan</i> , 1981, 30, 93-100.	0.0	10
528	Photophysical properties of (N,N'-bis(4-pyridyl)benzidine) (N,N'-bis(4-pyridyl)benzidine) in aqueous solution. <i>Kobunshi Ronbunshu</i> , 1980, 37, 275-279.	1.2	4
529	Laser-Induced formation of transient polyelectrolyte in solution. <i>Chemical Physics Letters</i> , 1980, 70, 276-278.	1.2	15
530	Laser photolysis studies on intramolecular exciplex systems of benzophenone and N,N-dimethylaniline. <i>Chemical Physics Letters</i> , 1980, 69, 182-184.	1.2	16
531	PHOTOPHYSICS AND IONIC PHOTODISSOCIATION OF POLYESTERS WITH PENDANT 1-PYRENYL GROUPS IN SOLUTION. <i>Photochemistry and Photobiology</i> , 1980, 32, 9-15.	1.3	12
532	Laser photochemistry of poly(N-vinylcarbazole) in solution. <i>The Journal of Physical Chemistry</i> , 1980, 84, 2363-2368.	2.9	45
533	Fluorescence and Laser photolysis studies on 1,2,4,5-tetracy anobenzene CT complexes in micellar solutions. <i>Chemical Physics Letters</i> , 1979, 63, 273-276.	1.2	7
534	Dynamic behaviour of excited charge transfer systems in polar solvents. <i>Journal of Molecular Structure</i> , 1978, 47, 243-259.	1.8	23
535	Triplet state formation of aromatic hydrocarbons quenched with silver ion in ethanol. <i>Chemical Physics Letters</i> , 1978, 59, 193-196.	1.2	16
536	On the relationship between ionic photodissociation yield and electron donor-acceptor interaction of 1,2,4,5-tetracy anobenzene and pyromellitic dianhydride complexes. <i>Chemical Physics Letters</i> , 1978, 59, 80-83.	1.2	16
537	Ionic photodissociation of some polymers quenched with electron donor or acceptor in solution. <i>Chemical Physics Letters</i> , 1978, 59, 188-192.	1.2	25
538	Absorption Spectra of Inter- and Intramolecular Exciplex Systems of Pyrene and N,N-Dimethylaniline in Alcoholic Solutions. <i>Bulletin of the Chemical Society of Japan</i> , 1978, 51, 1032-1036.	2.0	31
539	The fluorescent state of cyano-substituted layered cyclophanes. <i>The Journal of Physical Chemistry</i> , 1977, 81, 879-883.	2.9	25
540	Fluorescence and Laser Photolysis Studies on the Intramolecular Exciplex Systems in Micellar Solutions. <i>Bulletin of the Chemical Society of Japan</i> , 1977, 50, 2084-2087.	2.0	21

#	ARTICLE	IF	CITATIONS
541	Ionic photodissociation of excited electron donor-acceptor systems. II. Importance of the chemical property of donor-acceptor pairs. The Journal of Physical Chemistry, 1976, 80, 33-37.	2.9	53
542	The Formation and Dissociation of the Solvated Ion-pair in the Excited Pyrene-Dicyanobenzene System. Bulletin of the Chemical Society of Japan, 1976, 49, 394-396.	2.0	14
543	Electronic structure and dynamical behavior of some intramolecular exciplexes. Journal of Luminescence, 1976, 12-13, 159-168.	1.5	49
544	Ionic photodissociation of excited electron donor-acceptor systems. I. Empirical equation on the relation between the yield and the solvent dielectric constant. The Journal of Physical Chemistry, 1975, 79, 994-1000.	2.9	103
545	FLUORESCENCE QUENCHING PROCESSES OF CARBAZOLE-AMINE SYSTEMS AS REVEALED BY LASER PHOTOLYSIS METHOD. Chemistry Letters, 1975, 4, 59-62.	0.7	9
546	Radiation-induced charge-transfer luminescence and its primary processes in toluene. International Journal for Radiation Physics and Chemistry, 1975, 7, 519-527.	0.8	3
547	Laser photolysis studies on quenching processes of triplet benzophenone by amines in fluid solution. The Journal of Physical Chemistry, 1975, 79, 1255-1259.	2.9	95
548	Laser photolysis studies on the primary processes of photoinduced ionic polymerizations. The Journal of Physical Chemistry, 1974, 78, 341-347.	2.9	33
549	On the structural change of some TCNB complexes in the excited singlet state. Chemical Physics Letters, 1973, 22, 305-308.	1.2	15
550	Excited singlet-singlet absorption spectra of weak EDA complexes with liquid donors. Chemical Physics Letters, 1973, 21, 301-304.	1.2	22
551	Laser photolysis studies on competing processes of ionic dissociation and hydrogen abstraction in benzophenone-N,N-diethylaniline system. Chemical Physics Letters, 1973, 22, 543-546.	1.2	37
552	The Electronic Structure of the Electron Donor-Acceptor Complex in Its Lowest Excited Singlet State. II. Bulletin of the Chemical Society of Japan, 1973, 46, 1088-1093.	2.0	17
553	Ionic Photodissociation of Electron Donor-Acceptor Complexes. Bulletin of the Chemical Society of Japan, 1973, 46, 1903-1909.	2.0	35
554	Re-absorption Effect of Charge-Transfer Fluorescence by the Excited Electron Donor-Acceptor Complex. Bulletin of the Chemical Society of Japan, 1972, 45, 43-47.	2.0	16
555	The Electronic Structure of the Electron Donor-Acceptor Complex in its Lowest Excited Singlet State. Zeitschrift Fur Physikalische Chemie, 1972, 80, 113-128.	1.4	27
556	Photophysical primary processes of electron donor-acceptor complexes. The formation of the phosphorescent state from the excited Franck-Condon state. Chemical Physics Letters, 1972, 15, 357-359.	1.2	13
557	The electronic spectra of s-tetracyanobenzene complexes in the phosphorescent state. Chemical Physics Letters, 1972, 15, 360-363.	1.2	10
558	Ionic dissociation of the s-tetracyanobenzene-benzene complex from the excited Franck-Condon state. Chemical Physics Letters, 1972, 15, 364-365.	1.2	21

#	ARTICLE	IF	CITATIONS
559	Photophysical primary processes of electron donor-acceptor complex. 1. s-tetracyanobenzene-toluene complex at 77°K. Chemical Physics Letters, 1972, 12, 481-484.	1.2	26
560	Dynamic Behaviors of the Electron Donor-Acceptor Complex in its Lowest Excited Singlet State. Bulletin of the Chemical Society of Japan, 1971, 44, 3310-3316.	2.0	67
561	Studies on the Electronic Spectra of the Semiquinones of Anthracene and Its Related Heterocycles. II. Bulletin of the Chemical Society of Japan, 1971, 44, 38-43.	2.0	3
562	Photoionization of s-Tetracyanobenzene-Toluene Complex in Its Lowest Excited Singlet State. Bulletin of the Chemical Society of Japan, 1970, 43, 3316-3316.	2.0	27
563	Interactions between exciplexes in solution. Chemical Physics Letters, 1970, 7, 417-419.	1.2	19
564	Fluorescence spectra and excited singlet-singlet absorption spectra of s-tetracyanobenzene EDA complexes by laser excitation. Chemical Physics Letters, 1970, 6, 608-610.	1.2	51
565	Studies on the Electronic Spectra of the Semiquinones of Anthracene and Its Related Heterocycles. I. Bulletin of the Chemical Society of Japan, 1968, 41, 2319-2324.	2.0	15
566	Unraveling the three-dimensional morphology and dynamics of the optically evolving polystyrene nanoparticle assembly using dual-objective lens microscopy. Journal of the Chinese Chemical Society, 0, , .	0.8	3
567	The Optical Absorption Force Allows Controlling Colloidal Assembly Morphology at an Interface. Advanced Optical Materials, 0, , 2200231.	3.6	5