

# Takashi Fukuda

## List of Publications by Year in descending order

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142  
papers

3,117  
citations

304743

22  
h-index

168389

53  
g-index

142  
all docs

142  
docs citations

142  
times ranked

2658  
citing authors

#	ARTICLE	IF	CITATIONS
1	Extensive Studies on $\pi$ -Stacking of Poly(3-alkylthiophene-2,5-diyl)s and Poly(4-alkylthiazole-2,5-diyl)s by Optical Spectroscopy, NMR Analysis, Light Scattering Analysis, and X-ray Crystallography. <i>Journal of the American Chemical Society</i> , 1998, 120, 2047-2058.	13.7	502
2	$\pi$ -Conjugated Poly(pyridine-2,5-diyl), Poly(2,2'-bipyridine-5,5'-diyl), and Their Alkyl Derivatives. Preparation, Linear Structure, Function as a Ligand to Form Their Transition Metal Complexes, Catalytic Reactions, n-Type Electrically Conducting Properties, Optical Properties, and Alignment on Substrates. <i>Journal of the American Chemical Society</i> , 1994, 116, 4832-4845.	13.7	466
3	$\pi$ -Conjugated Donor $\pi$ -Acceptor Copolymers Constituted of $\pi$ -Excessive and $\pi$ -Deficient Arylene Units. Optical and Electrochemical Properties in Relation to CT Structure of the Polymer. <i>Journal of the American Chemical Society</i> , 1996, 118, 10389-10399.	13.7	327
4	Photofabrication of Surface Relief Grating on Films of Azobenzene Polymer with Different Dye Functionalization. <i>Macromolecules</i> , 2000, 33, 4220-4225.	4.8	158
5	Optical and Physical Applications of Photocontrollable Materials: Azobenzene-Containing and Liquid Crystalline Polymers. <i>Polymers</i> , 2012, 4, 150-186.	4.5	89
6	IR and Raman studies in three polyanilines with different oxidation level. <i>Synthetic Metals</i> , 1995, 69, 175-176.	3.9	87
7	Polyquinoxaline as an excellent electron injecting material for electroluminescent device. <i>Applied Physics Letters</i> , 1996, 68, 2346-2348.	3.3	73
8	A Novel Method for Fixing the Anisotropic Orientation of Dispersed Organic Nanocrystals in a Magnetic Field. <i>Advanced Materials</i> , 2005, 17, 160-163.	21.0	59
9	Polyquinoxaline as an electron injecting material for electroluminescent device. <i>Synthetic Metals</i> , 1997, 85, 1195-1196.	3.9	53
10	Electrochemical and electric properties of vacuum-deposited poly(arylene)s: electrochemical activity, diode, and electroluminescence. <i>The Journal of Physical Chemistry</i> , 1992, 96, 8677-8679.	2.9	52
11	Vacuum-Deposited Thin Film of Linear $\pi$ -Conjugated Poly(arylene)s. Optical, Electrochemical, and Electrical Properties and Molecular Alignment. <i>The Journal of Physical Chemistry</i> , 1996, 100, 12631-12637.	2.9	47
12	Alignment control of liquid crystals on surface relief gratings. <i>Liquid Crystals</i> , 2000, 27, 1633-1640.	2.2	38
13	Synthesis and properties of a second-order nonlinear optical side-chain polyimide. <i>Journal of Polymer Science Part A</i> , 1999, 37, 1321-1329.	2.3	37
14	Competitive effects of grooves and photoalignment on nematic liquid-crystal alignment using azobenzene polymer. <i>Journal of Applied Physics</i> , 2002, 92, 1841-1844.	2.5	37
15	Unconventional polarization characteristic of rapid photoinduced material motion in liquid crystalline azobenzene polymer films. <i>Applied Physics Letters</i> , 2003, 83, 4960-4962.	3.3	37
16	Angular multiplex recording of data pages by dual-channel polarization holography. <i>Optics Letters</i> , 2013, 38, 748.	3.3	37
17	Highly Coplanar Polythiophenes with $\pi$ -Conjugated Side Chains: Self-Assembly, Linear and Nonlinear Optical Properties, and Piezochromism. <i>Bulletin of the Chemical Society of Japan</i> , 2009, 82, 896-909.	3.2	36
18	Photoinduced surface relief formation on azopolymer films: A driving force and formed relief profile. <i>Journal of Applied Physics</i> , 2002, 91, 3421-3430.	2.5	35

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19	Photoinduced cooperative molecular reorientation on azobenzene side-chain-type copolymers. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2006, 183, 273-279.	3.9	32
20	Dual-channel polarization holography: a technique for recording two complex amplitude components of a vector wave. <i>Optics Letters</i> , 2012, 37, 4528.	3.3	30
21	Electric-Field-Induced Orientation of Organic Microcrystals with Large Dipole Moment. <i>Japanese Journal of Applied Physics</i> , 1999, 38, L659-L661.	1.5	28
22	Systematic study on photofabrication of surface relief grating on high-tg azobenzene polymers. <i>Synthetic Metals</i> , 1999, 102, 1435-1436.	3.9	27
23	Observation of Optical Near-Field as Photo-Induced Surface Relief Formation. <i>Japanese Journal of Applied Physics</i> , 2001, 40, L900-L902.	1.5	24
24	Photoinduced Chirality in an Azobenzene Amorphous Copolymer Bearing Large Birefringent Moiety. <i>Japanese Journal of Applied Physics</i> , 2006, 45, 451-455.	1.5	22
25	Reversible and efficient anisotropic orientation of dispersed aromatic hydrocarbon nanocrystals in a magnetic field. <i>Journal of Materials Chemistry</i> , 2005, 15, 253.	6.7	21
26	Synthesis and Metal-like Luster of Novel Polyaniline Analogs Containing Azobenzene Unit. <i>Chemistry Letters</i> , 2010, 39, 1248-1250.	1.3	21
27	Alternating copolymer of bithiophene and dialkylbithiazole and its tendency to align on the surfaces. <i>Polymer</i> , 2006, 47, 6038-6041.	3.8	20
28	Ionic polymers and oligomers with expanded $\pi$ -conjugation system derived from through-space interaction in piperazinium ring. <i>European Polymer Journal</i> , 2010, 46, 1119-1130.	5.4	20
29	Orthogonal polarization encoding for reduction of interpixel cross talk in holographic data storage. <i>Optics Express</i> , 2017, 25, 22425.	3.4	20
30	UV-Curable Azobenzene Polymer Bearing Photo-Crosslinkable Moiety for Stabilization of Photo-Fabricated Surface Relief Structure. <i>Macromolecular Chemistry and Physics</i> , 2002, 203, 2344-2350.	2.2	19
31	Luminescence Study of Thioamide-based Pincer Palladium Complexes in Poly(vinylpyrrolidone) Matrix. <i>Chemistry Letters</i> , 2010, 39, 385-387.	1.3	19
32	Retardagraphy: a technique for optical recording of the retardance pattern of an optical anisotropic object on a polarization-sensitive film using a single beam. <i>Optics Letters</i> , 2008, 33, 3007.	3.3	18
33	$\pi$ -Conjugated Polymers Consisting of Isothianaphthene and Dialkoxyphenylene Units: Synthesis, Self-Assembly, and Chemical and Physical Properties. <i>Macromolecular Chemistry and Physics</i> , 2010, 211, 2138-2147.	2.2	18
34	Photofabrication of surface relief structure – mechanism and application. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2001, 145, 35-39.	3.9	17
35	Measurement of refractive index change induced by dark reaction of photopolymer with digital holographic quantitative phase microscopy. <i>Optics Communications</i> , 2012, 285, 4911-4917.	2.1	17
36	Fabrication and optical properties of binary colloidal crystal monolayers consisting of micro- and nano-polystyrene spheres. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2012, 396, 189-194.	4.7	17

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37	Numerical Analysis of Photoinduced Surface Relief Grating Formation by Particle Method. <i>Optical Review</i> , 2005, 12, 271-273.	2.0	16
38	Molecular design and synthesis of copolymers with large photoinduced birefringence. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2006, 182, 262-268.	3.9	16
39	Optical properties and piezochromism of $\pi$ -conjugated polythiophene with $\alpha$ -C <sub>10</sub> H <sub>21</sub> substituent. <i>Reactive and Functional Polymers</i> , 2008, 68, 369-375.	4.1	16
40	Coaxial polarization holographic data recording on a polarization-sensitive medium. <i>Optics Letters</i> , 2016, 41, 4919.	3.3	16
41	Photo-Induced Formation of the Surface Relief Grating on Azobenzene Polymers: Analysis Based on the Fluid Mechanics. <i>Molecular Crystals and Liquid Crystals</i> , 2000, 345, 263-268.	0.3	15
42	Light-Induced Macroscopic Chirality in Thin Films of Achiral Main-Chain Amorphous Polyazourea System. <i>Japanese Journal of Applied Physics</i> , 2006, 45, 447-450.	1.5	15
43	Synthesis and Optical Characterization of Novel Imidazole-Based Azo Materials. <i>Japanese Journal of Applied Physics</i> , 2006, 45, 460-464.	1.5	15
44	Hologram replication technique in glass plates using corona charging. <i>Applied Physics Letters</i> , 2007, 90, 061102.	3.3	15
45	Photoinduced Molecular Re-orientation and Supramolecular Helical Structure Formation in Azobenzene Materials. <i>Molecular Crystals and Liquid Crystals</i> , 2006, 446, 61-70.	0.9	14
46	Proposal of Novel Model for Photoinduced Mass Transport and Numerical Analysis by Electromagnetic-Induced Particle Transport Method. <i>Japanese Journal of Applied Physics</i> , 2006, 45, 465-469.	1.5	14
47	Strong stacking behavior and large third-order nonlinear optical susceptibility $\chi^{(3)}$ of head-to-head-type poly(3-alkynylthiophene-2,5-diyl), HH-P3(CCR)Th. <i>Synthetic Metals</i> , 2007, 157, 318-322.	3.9	14
48	Synthesis and nonlinear optical properties of end-group modified aromatic esters as chained chromophores. <i>Macromolecular Chemistry and Physics</i> , 1998, 199, 1193-1199.	2.2	13
49	Rewritable High-Density Optical Recording on Azobenzene Polymer Thin Film. <i>Optical Review</i> , 2005, 12, 126-129.	2.0	12
50	Relationship between Dipole Moment of Chromophores and Photoinduced Birefringence. <i>Japanese Journal of Applied Physics</i> , 2006, 45, 456-459.	1.5	12
51	Orientalional Stability of Azobenzene-Containing Materials in Polarization Recording. <i>Japanese Journal of Applied Physics</i> , 2008, 47, 1203-1207.	1.5	12
52	Excitonic Excited States and Optical Spectra in Poly(p-Phenylenevinylene) Prepared by Carefully Controlled Thermal Elimination Reaction. <i>Japanese Journal of Applied Physics</i> , 1992, 31, 67-71.	1.5	11
53	Polarization Recording in Photoinduced Chiral Material for Optical Storage. <i>Japanese Journal of Applied Physics</i> , 2007, 46, 3928-3932.	1.5	11
54	Recording Characteristics of Hologram in Glass Plate Using Corona Charging. <i>Japanese Journal of Applied Physics</i> , 2008, 47, 7929.	1.5	11

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55	Photoconductive properties of poly(2,3-di(p-tolyl)quinoxaline-5,8-diyl). <i>Synthetic Metals</i> , 1995, 74, 43-48.	3.9	10
56	Vibronic structures and anisotropy observed in linear and nonlinear optical spectra of vacuum-deposited polythiophene thin films. <i>Synthetic Metals</i> , 1993, 60, 259-264.	3.9	9
57	Synthesis and lyotropic liquid crystal properties of chiral helical polycarbodiimides. <i>Liquid Crystals</i> , 2004, 31, 137-143.	2.2	9
58	Tailored assembly of colloidal particles: Alternative fabrication of photonic crystal or photonic glass. <i>Applied Physics Letters</i> , 2012, 100, 131901.	3.3	9
59	Hologram Recording in Various Glass Plates by Corona Charging. <i>Optical Review</i> , 2007, 14, 339-342.	2.0	8
60	Asymmetric Polarization Conversion in Polarization Holograms with Surface Relief. <i>Japanese Journal of Applied Physics</i> , 2008, 47, 3568-3571.	1.5	8
61	Ag-coated submicron particles of polystyrene formed by dewetting process and their application in multi-functional biosensor-chips. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2018, 558, 171-178.	4.7	8
62	Photocurrent Excitation Spectra Observed with Au-Al Heteroelectrodes Biased Reversely and Reflection Spectra in Trans-Polyacetylene. <i>Japanese Journal of Applied Physics</i> , 1991, 30, L500-L503.	1.5	7
63	Photocarrier-transporting kinetics in poly(2,3-di(p-tolyl)quinoxaline-5,8-diyl). <i>Synthetic Metals</i> , 1996, 79, 149-153.	3.9	7
64	NLO-Active Vinylpolymers Containing Maleimide Residues With High T <sub>g</sub> .. <i>Journal of Photopolymer Science and Technology</i> = [Fotoporima Konwakai Shi], 1998, 11, 161-162.	0.3	7
65	Alignment control method for liquid crystalline molecules and its application for an all-optical device. <i>Applied Physics Letters</i> , 2000, 77, 28-30.	3.3	7
66	NLO-active maleimide copolymers with high glass transition temperatures. <i>Polymers for Advanced Technologies</i> , 2002, 13, 120-126.	3.2	7
67	Large Photo-Induced Birefringence in Azobenzene Copolymer. <i>Molecular Crystals and Liquid Crystals</i> , 2006, 446, 71-80.	0.9	7
68	Bithiophene-bithiazole alternating copolymers with thiophene side chains: Synthesis by organometallic polycondensation and chemical properties of the copolymers. <i>Journal of Polymer Science Part A</i> , 2011, 49, 1508-1512.	2.3	7
69	Dichroic reflection in specular direction of Au-coated anisotropic hemispherical structure arrays based on monolayer of subwavelength-scale polystyrene spheres. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2013, 429, 106-111.	4.7	7
70	Synthesis and nonlinear optical properties of aromatic esters with an electron donor and an electron acceptor end group. <i>Macromolecular Chemistry and Physics</i> , 2000, 201, 178-183.	2.2	6
71	Improved method of corona poling for highly developed dipolar orientation. <i>Polymers for Advanced Technologies</i> , 2000, 11, 583-588.	3.2	6
72	Orientation of Suspended Polar Organic Nanocrystals in Magnetic Fields: Effect of Magnetic Field Configuration. <i>Japanese Journal of Applied Physics</i> , 2003, 42, L1343-L1345.	1.5	6

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73	Photoinduced Mass Transport by One-Dimensional Gaussian Beam Irradiation: Width and Polarization Dependence. Japanese Journal of Applied Physics, 2006, 45, 470-474.	1.5	6
74	Optical Information Recording in Films of Photoinduced Birefringent Materials and Application to Retardagraphy. Japanese Journal of Applied Physics, 2009, 48, 09LE02.	1.5	6
75	Hologram recording in glass and direct reconstruction using visible-wavelength laser beam. Optical Review, 2009, 16, 335-338.	2.0	6
76	Volume polarization holography for optical data storage. Proceedings of SPIE, 2011, , .	0.8	6
77	Fabrication of Submicrometer Pores with an Outer Shell Using Modified Poly(vinyl alcohol) and the Molecular or Particle Collection Effect. Langmuir, 2013, 29, 12601-12607.	3.5	6
78	Randomly displaced phase distribution design and its advantage in page-data recording of Fourier transform holograms. Applied Optics, 2013, 52, 1183.	1.8	6
79	Tailoring adhesive forces between poly(dimethylsiloxane) and glass substrates using poly(vinyl Tj ETQq1 1 0.7843 14 rgBT /Overlock 10 2.6 6	2.6	6
80	Analysis of interference fringes based on three circularly polarized beams targeted for birefringence distribution measurements. Applied Optics, 2018, 57, 7318.	1.8	6
81	Quick and ultra-sensitive digital assay of influenza virus using sub-picoliter microwells. Analytica Chimica Acta, 2022, 1213, 339926.	5.4	6
82	Molecular Orientation in Vacuum-Deposited Poly(thiophene) Film Studied by Second-Harmonic Generation. Japanese Journal of Applied Physics, 1992, 31, 3869-3872.	1.5	5
83	Properties and structure of substituted poly(thiophene-2,5-diyl), poly(pyridine-2,5-diyl), and their analogues prepared by organometallic processes. Synthetic Metals, 1993, 55, 1214-1220.	3.9	5
84	Branched epoxy copolymers with oligo(benzoate) side chains carrying donor and acceptor functions in each end. Polymers for Advanced Technologies, 2001, 12, 231-236.	3.2	5
85	Effect of Polymerization Degree on Building-up Helical Structure of Oligo(L-lactic acid). Chemistry Letters, 2004, 33, 608-609.	1.3	5
86	Numerical Analysis of Photoinduced Surface Relief Formed on Azobenzene Polymer Film by Optical Near-Field Exposure. Japanese Journal of Applied Physics, 2006, 45, 6730-6737.	1.5	5
87	Study of Grating Structures Transferred to Glass Substrates via Corona Charging. Japanese Journal of Applied Physics, 2010, 49, 01AE01.	1.5	5
88	Surface relief grating and liquid crystal alignment on azobenzene functionalized polymers. Optical Materials, 2003, 21, 627-631.	3.6	4
89	Photo-induced surface relief on Azo polymer for optical component fabrication. , 2003, , .		4
90	Photoinduced birefringence and cooperative molecular reorientation in azo copolymer: optical characterization for rewritable memory application. , 2006, , .		4

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91	Synthesis and optical properties of Azo-methacrylic copolymers with rigid tolane moiety. <i>Reactive and Functional Polymers</i> , 2007, 67, 693-699.	4.1	4
92	Self-Imaging Properties of Fresnel Retardagram Recorded on Azobenzene Film. <i>Japanese Journal of Applied Physics</i> , 2010, 49, 01AD02.	1.5	4
93	Conjugated Polymers Consisting of 9,10-Dihydrophenanthrene Units. <i>Macromolecular Chemistry and Physics</i> , 2011, 212, 2406-2416.	2.2	4
94	In vivo absorption spectroscopy for absolute measurement. <i>Biomedical Optics Express</i> , 2012, 3, 2587.	2.9	4
95	Fabrication of high-density array of barnacle-like porous structures using polystyrene colloidal particle monolayer and poly(vinyl alcohol) coating. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2017, 522, 408-415.	4.7	4
96	Dendrite-joining of air-gap-separated PMMA substrates using ultrashort laser pulses. <i>Optical Materials Express</i> , 2017, 7, 2141.	3.0	4
97	Determination of Optical Constants of Polyquinoxalines as Electroluminescent Materials. <i>Japanese Journal of Applied Physics</i> , 1996, 35, 761-764.	1.5	3
98	Cubic interpolated propagation scheme in numerical analysis of lightwave and optical force. <i>Optics Express</i> , 2006, 14, 4151.	3.4	3
99	Ellipsometric analysis for a polarization-controlling thin film with large photoinduced chirality. <i>Applied Optics</i> , 2007, 46, 4954.	2.1	3
100	Numerical Analysis of Photoinduced Chirality in Azobenzene Polymer and Its Application as Photoaddressable Polarization Altering Elements. <i>Japanese Journal of Applied Physics</i> , 2008, 47, 1196-1202.	1.5	3
101	Replicative fabrication of diffractive structure from self-assembled particles onto a glass substrate using corona-charging treatment. <i>Optical Review</i> , 2010, 17, 187-190.	2.0	3
102	Multiplex and multilevel optical recording for optical mass-storage by retardagraphy. , 2012, , .		3
103	Phase measurement of structural modifications created by femtosecond laser pulses in glass with phase-shifting digital holographic microscopy. <i>Optical Engineering</i> , 2017, 56, 111702.	1.0	3
104	Randomly displaced phase distribution design for computer-generated binary hologram with narrow recording spots. <i>Optical Review</i> , 2018, 25, 509-516.	2.0	3
105	An Effective Poling of High Tg NLO Polymer. <i>Molecular Crystals and Liquid Crystals</i> , 1998, 315, 105-110.	0.3	2
106	Synthesis and Nonlinear Optical Properties of Polymers Containing Aromatic Ester Oligomers as Chained Chromophores. <i>Molecular Crystals and Liquid Crystals</i> , 1998, 315, 147-152.	0.3	2
107	Photoinduced Surface Relief Formation on Azobenzene Thin Film. <i>Kobunshi Ronbunshu</i> , 2003, 60, 428-441.	0.2	2
108	Development of Second-Order Nonlinear Optical Polymers without Visible Absorption. <i>Kobunshi Ronbunshu</i> , 2003, 60, 682-692.	0.2	2

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109	Photoinduced Birefringence and Optical Rotation on Achiral Azobenzene Copolymer. <i>Molecular Crystals and Liquid Crystals</i> , 2007, 463, 107/[389]-116/[398].	0.9	2
110	Suppression of inter-pixel cross talk and reduction of recording spot size for high-density holographic memory. <i>Optical Review</i> , 2019, 26, 124-130.	2.0	2
111	Eigenpolarization States of Photoinduced Anisotropy in Azobenzene Film. <i>IEICE Transactions on Electronics</i> , 2008, E91-C, 1675-1676.	0.6	2
112	Measurement of Light-induced Refractive Index Change in Photopolymer with Quantitative Phase Microscopy. , 2011, , .		2
113	Synthesis of High-Tg Azo Polymer and the Optimization of its Poling Condition for Stable EO System. <i>Materials Research Society Symposia Proceedings</i> , 1997, 488, 813.	0.1	1
114	Fluid Mechanics Model and Analysis for the Photofabrication of Surface Relief Grating on Azo Polymers. <i>Materials Research Society Symposia Proceedings</i> , 1999, 598, 195.	0.1	1
115	A new class of spatial light modulator using a crosslinkable azobenzene nematic liquid crystal. <i>Polymers for Advanced Technologies</i> , 2000, 11, 579-582.	3.2	1
116	Electro-optic properties of chiral helix oligo-L-lactic acid. , 2002, , .		1
117	New Soluble $\pi$ -Conjugated Tetrathiafulvalene (TTF) Polymers Bearing Long Alkyl Side Chains: Preparation by Organometallic Polycondensation, Structure and Chemical Properties of the Polymers. <i>Molecular Crystals and Liquid Crystals</i> , 2002, 381, 101-112.	0.9	1
118	Facile Photofabrication of Stable, Submicrometer-Wide, Electrically Conductive Patterns. <i>Advanced Materials</i> , 2004, 16, 696-699.	21.0	1
119	An investigation on polarization-sensitive materials. , 2011, , .		1
120	Chemical Etching Using KOH Aqueous Solution for Corona-Charge Micropatterning of Soda-Lime Glass. <i>Japanese Journal of Applied Physics</i> , 2013, 52, 036701.	1.5	1
121	Shift Multiplex Recording of Four-Valued Phase Data Pages by Volume Retardagraphy. <i>Applied Sciences (Switzerland)</i> , 2014, 4, 158-170.	2.5	1
122	Facile Fabrication of Various Submicron Functional Structures Using Colloidal Spheres. <i>Molecular Crystals and Liquid Crystals</i> , 2014, 597, 15-19.	0.9	1
123	Fabrication of Modified Random Phase Masks with Phase Modulation Elements Exhibiting Gaussian Profiles Using Molecular Migration under Photopolymerization. <i>Photonics</i> , 2019, 6, 62.	2.0	1
124	An on-demand bench-top fabrication process for fluidic chips based on cross-diffusion through photopolymerization. <i>Biomicrofluidics</i> , 2020, 14, 044104.	2.4	1
125	Decimating Spatial Frequency Components in Periodically Modulated Nanoscale Surface Structures for Sensing of Ambient Refractive Index Changes. <i>ACS Omega</i> , 2020, 5, 3513-3521.	3.5	1
126	Rewritable High-Density Optical Recording on Azobenzene Polymer Thin Film. <i>Optical Review</i> , 2005, 12, 126-129.	2.0	1

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127	Molecular Orientation of Poly(2,2'-Bipyridine-5,5'-Diyl) Film Prepared by Vacuum Deposition on the Glass Substrate as Determined with SHG Technique. <i>Molecular Crystals and Liquid Crystals</i> , 1993, 226, 207-212.	0.3	0
128	Synthesis and Characterization of Calix[4]resorcinarene Bearing Azobenzene Moieties as Novel Photofunctional Materials. <i>Journal of Photopolymer Science and Technology = [Fotoporima Konwakai Shi]</i> , 2000, 13, 191-196.	0.3	0
129	<title>Simple and effective technique for the evaluation of optical field emitted from a SNOM probe tip</title>. , 2002, 4642, 138.		0
130	Synthesis and optical properties of chiral helix polycarbodiimide. , 2002, , .		0
131	Submicron-Wide Pattern of Silver Wire Stabilized on Functionalized Substrates. <i>Molecular Crystals and Liquid Crystals</i> , 2004, 425, 27-39.	0.9	0
132	Computer simulation of photoinduced helical structure formation on azobenzene-containing materials. , 2006, , .		0
133	Optical characteristics of novel bisazo polymer for rewritable holographic data storage. , 2006, , .		0
134	Synthesis and Optical Characterization of Photoresponsive Polyester Blend Films for Holographic Data Storage. <i>Molecular Crystals and Liquid Crystals</i> , 2007, 463, 83/[365]-91/[373].	0.9	0
135	Photodynamics of azobenzene film and its application to one-beam image recording. <i>Proceedings of SPIE</i> , 2008, , .	0.8	0
136	Improved Corona-Charging-Assisted Surface-Relief Amplification on Polymer Film for Low-Noise Holograms. <i>Japanese Journal of Applied Physics</i> , 2009, 48, 09LE01.	1.5	0
137	Crystal Growth, Structure Analysis, and Second-Order Nonlinear Optical Properties of 4-Cyanophenylp-Anisate with Transparency in Visible Region. <i>Japanese Journal of Applied Physics</i> , 2009, 48, 051501.	1.5	0
138	Polarization-Sensitive Diffractive Optical Elements. , 2010, , .		0
139	New method of increasing diffraction efficiency of grating transferred in glass substrate by corona-charging treatment. <i>Optical Review</i> , 2013, 20, 504-508.	2.0	0
140	Optical Information Storage. , 2013, , 1-8.		0
141	Technique for detecting flaws in metallic surfaces using an optical system with phase-type blazed gratings. <i>Journal of Modern Optics</i> , 2019, 66, 390-398.	1.3	0
142	Fine Porous Structures Fabricated from Poly(vinyl alcohol)-Coated Polystyrene Templates for Functional Biosensing Chips. , 2019, , .		0