Wataru Sakai

List of Publications by Year
in descending order

145 papers	2,361 citations	218381 26 h-index	301761 39 g-index
153 all docs	153 docs citations	153 times ranked	1754 citing authors

#	Article	IF	Citations
1	Spin trapping analysis of the thermal degradation of polypropylene. Polymer Degradation and Stability, 2022, 197, 109871.	2.7	8
2	Compact and Scalable Large Vortex Array Generation Using Azocarbazole Polymer and Digital Hologram Printing Technique. Nanoscale Research Letters, 2022, 17, 44.	3.1	5
3	Photorefractive Response Enhancement in Poly(triarylamine)-Based Polymer Composites by a Second Electron Trap Chromophore. ACS Omega, 2022, 7, 12120-12126.	1.6	2
4	Scalable fabrication of cross-linked porous centrifugally spun polyimide fibers for thermal insulation application. European Polymer Journal, 2022, 169, 111123.	2.6	8
5	Generation of Inceâ€“Gaussian Beams Using Azocarbazole Polymer CGH. Journal of Imaging, 2022, 8, 144.	1.7	6
6	Spin-trapping analysis for thermal degradation of poly(vinyl alcohol). Polymer, 2021, 217, 123416.	1.8	12
7	Triphenylamine-Based Plasticizer in Controlling Traps and Photorefractivity Enhancement. ACS Applied Electronic Materials, 2021, 3, 2170-2177.	2.0	2
8	Effect of BaTiO3 on the aging process of PLA fibers obtained by centrifugal spinning. Materials Today Chemistry, 2021, 20, 100461.	1.7	6
9	X-ray composite fibrous color dosimeter based on 10,12-pentacosadiynoic acid. Dyes and Pigments, 2021, 191, 109356.	2.0	2
10	Environmentally Friendly Chitosan-Modified Polycaprolactone Nanofiber/Nanonet Membrane for Controllable Oil/Water Separation. ACS Applied Polymer Materials, 2021, 3, 3891-3901.	2.0	47
11	Fabrication of silver helix microstructures in a large area by a two-photon absorption DLW method. Scientific Reports, 2021, 11, 15860.	1.6	5
12	Chitosanâ€•Functionalized Recycled Polyethylene Terephthalate Nanofibrous Membrane for Sustainable Onâ€•Demand Oilâ€•Water Separation. Global Challenges, 2021, 5, 2000107.	1.8	16
13	Ferroelectric switching in spinâ€•coated nylons 11 and 12. Journal of Applied Polymer Science, 2020, 137, 48438.	1.3	3
14	Preparation of a Novel Flame Retardant Formulation for Cotton Fabric. Materials, 2020, 13, 54.	1.3	18
15	Nylon 10-12-based ferroelectric capacitor for energy storage. AIP Advances, 2020, 10, 095323.	0.6	0
16	Re-evaluation of the Energy Density Properties of VDF Ferroelectric Thin-Film Capacitors. ACS Omega, 2020, 5, 30468-30477.	1.6	4
17	Enhancement of Amplified Spontaneous Emission and Laser Performance of Rhodamine 6G/Cellulose Acetate DFB and DBR Waveguide Devices: A Role of Thermally Annealed P(VDF-TrFE) Intermediate Layer. ACS Applied Electronic Materials, 2020, 2, 1514-1521.	2.0	1
18	Ferroelectric performance of nylons 6-12, 10-12, 11-12, and 12-12. RSC Advances, 2020, 10, 15740-15750.	1.7	7

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19	Theoretical Limit of the Colorâ€Change Sensitivity of a Composite Resin Dosimeter Film Based on Spiropyran/BaFClâ€‰:â€‰Eu 2+ /Polystyrene. ChemistryOpen, 2020, 9, 623-627.	0.9	1
20	Four-factor optimization for PET glycolysis with consideration of the effect of sodium bicarbonate catalyst using response surface methodology. Polymer Degradation and Stability, 2020, 179, 109257.	2.7	18
21	X-ray Visualization and Quantification Using Fibrous Color Dosimeter Based on Leuco Dye. Applied Sciences (Switzerland), 2020, 10, 3798.	1.3	8
22	Antibacterial and Osteoconductive Effects of Chitosan/Polyethylene Oxide (PEO)/Bioactive Glass Nanofibers for Orthopedic Applications. Applied Sciences (Switzerland), 2020, 10, 2360.	1.3	36
23	Recycled PET as a PDMS-Functionalized electrospun fibrous membrane for oil-water separation. Journal of Environmental Chemical Engineering, 2020, 8, 103921.	3.3	51
24	Effect of Scouring and Bleaching on Chemical Modification of Cotton Sliver by EB-Induced Graft Polymerization. Journal of Fiber Science and Technology, 2020, 76, 119-126.	0.2	0
25	High-Performance All-Organic DFB and DBR Waveguide Laser with Various Grating Height Fabricated by a Two-Photon Absorption DLW Method. Scientific Reports, 2019, 9, 10582.	1.6	12
26	Facile and Scalable Fabrication of Porous Polystyrene Fibers for Oil Removal by Centrifugal Spinning. ACS Omega, 2019, 4, 15992-16000.	1.6	27
27	Understanding ferroelectric performances of spinâ€coated oddâ€"odd nylon thin films. Journal of Applied Polymer Science, 2019, 136, 47595.	1.3	7
28	Optimal composition of the poly(triarylamine)-based polymer composite to maximize photorefractive performance. Scientific Reports, 2019, 9, 739.	1.6	8
29	Leuco-Based Composite Resin Dosimeter Film. ACS Omega, 2019, 4, 9946-9951.	1.6	11
30	Holographic Performance of Azo-Carbazole Dye-Doped UP Resin Films Using a Dyeing Process. Materials, 2019, 12, 945.	1.3	3
31	Electron spin resonance and photoelectron yield spectroscopic studies for photocarrier behavior in photorefractive polymeric composites. Organic Electronics, 2019, 68, 248-255.	1.4	1
32	Material Design of Azoâ€Carbazole Copolymers for Preservation Stability with Rewritable Holographic Stereograms. Macromolecular Chemistry and Physics, 2019, 220, 1800456.	1.1	6
33	Flexible All-Organic Photorefractive Devices. ACS Applied Electronic Materials, 2019, 1, 238-245.	2.0	2
34	Spin-Trapping Analysis and Characterization of Thermal Degradation of Thermoplastic Poly(etherâ€"ester) Elastomer. Macromolecules, 2018, 51, 1088-1099.	2.2	22
35	Composite Resin Dosimeters: A New Concept and Design for a Fibrous Color Dosimeter. ACS Applied Materials & Interfaces, 2018, 10, 11926-11932.	4.0	16
36	Influence of an Interfacial Effect on the Laser Performance of a Rhodamine 6G/Cellulose Acetate Waveguide on a Vinylidene Fluoride Copolymer Layer. Langmuir, 2018, 34, 7527-7535.	1.6	6

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37	Photorefractive dynamics in poly(triarylamine)-based polymer composite: an approach utilizing a second electron trap to reduce the photoconductivity. Optical Materials Express, 2018, 8, 401.	1.6	8
38	Centrifugally Spun Recycled PET: Processing and Characterization. Polymers, 2018, 10, 680.	2.0	34
39	Carrier-assisted dyeing of poly(l -lactic acid) fibers with dispersed photochromic spiropyran dyes. Dyes and Pigments, 2017, 145, 444-450.	2.0	12
40	Spin-Trapping Analysis of Thermal Degradation Reaction of Poly(butylene terephthalate). Macromolecules, 2017, 50, 254-263.	2.2	14
41	Fabrication of three-dimensional microstructures in positive photoresist through two-photon direct laser writing. Applied Physics A: Materials Science and Processing, 2017, 123, 1.	1.1	14
42	Fabrication and photochromic properties of ForcespinningÂ® fibers based on spiropyran-doped poly(methyl methacrylate). RSC Advances, 2017, 7, 33061-33067.	1.7	26
43	Re-evaluation of the origin of relaxor ferroelectricity in vinylidene fluoride terpolymers: An approach using switching current measurements. Scientific Reports, 2017, 7, 15871.	1.6	19
44	Influence of baking conditions on 3D microstructures by direct laser writing in negative photoresist SU-8 via two-photon polymerization. Journal of Laser Applications, 2017, 29, .	0.8	7
45	Direct laser writing for micro-optical devices using a negative photoresist. Optics Express, 2017, 25, 31539.	1.7	29
46	Advantage of the circular polarization of light in the updatable holographic response in an azo-carbazole monolithic dye dispersed acrylate matrix. Optical Materials Express, 2017, 7, 1647.	1.6	9
47	Characterization of Carrier Transport and Trapping in Photorefractive Polymer Composites Using Photoemission Yield Spectroscopy in Air. Macromolecular Chemistry and Physics, 2016, 217, 1785-1791.	1.1	5
48	Nature of the Enhancement in Ferroelectric Properties by Gold Nanoparticles in Vinylidene Fluoride and Trifluoroethylene Copolymer. ACS Applied Materials & Interfaces, 2016, 8, 16816-16822.	4.0	26
49	Enhanced photorefractivity of a perylene bisimide-sensitized poly(4-(diphenylamino) benzyl acrylate) composite. Optical Materials Express, 2016, 6, 1714.	1.6	5
50	Molecular design of azo-carbazole monolithic dyes for updatable full-color holograms. NPG Asia Materials, 2016, 8, e311-e311.	3.8	13
51	Photorefractivity of Perylene Bisimideâ€Sensitized Poly(4â€(diphenylamino)benzyl acrylate). Macromolecular Chemistry and Physics, 2016, 217, 85-91.	1.1	4
52	Radiation-induced colour changes in a spiropyran/BaFCl:Eu²⁺/polystyrene composite film and nonwoven fabric. New Journal of Chemistry, 2016, 40, 8658-8663.	1.4	16
53	Re-evaluation of all-plastic organic dye laser with DFB structure fabricated using photoresists. Scientific Reports, 2016, 6, 34741.	1.6	15
54	Fabrication of gold microstructures using negative photoresists doped with gold ions through two-photon excitation. Physical Chemistry Chemical Physics, 2016, 18, 17024-17028.	1.3	18

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55	Electron dominated grating in a triphenylamine-based photorefractive composite. Journal of Materials Chemistry C, 2016, 4, 6822-6828.	2.7	3
56	A spiropyran-based X-ray sensitive fiber. Chemical Communications, 2015, 51, 11170-11173.	2.2	36
57	Recent advances in photorefractivity of poly(4-diphenylaminostyrene) composites: Wavelength dependence and dynamic holographic images. Japanese Journal of Applied Physics, 2014, 53, 082601.	0.8	11
58	Photorefractive response and real-time holographic application of a poly(4-(diphenylamino)benzyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.3	32
59	Ferroelectric Switching of Vinylidene and Trifluoroethylene Copolymer Thin Films on Au Electrodes Modified with Self-Assembled Monolayers. Materials, 2014, 7, 6367-6376.	1.3	6
60	Triphenylamine-based acrylate polymers for photorefractive composite. Proceedings of SPIE, 2014, , .	0.8	1
61	Fabrication of the silver structure through two-photon excitation by femtosecond laser. Chemical Physics Letters, 2014, 610-611, 241-245.	1.2	12
62	Triphenylamine photoconductive polymers for high performance photorefractive devices. Journal of Photochemistry and Photobiology A: Chemistry, 2014, 291, 26-33.	2.0	20
63	Enhanced photoconductivity and trapping rate through control of bulk state in organic triphenylamine-based photorefractive materials. Organic Electronics, 2014, 15, 3471-3475.	1.4	9
64	Photorefractive device using self-assembled monolayer coated indium-tin-oxide electrodes. Proceedings of SPIE, 2014, , .	0.8	0
65	Dynamic holographic images using poly(N-vinylcarbazole)-based photorefractive composites. Polymer Journal, 2013, 45, 665-670.	1.3	12
66	Photorefractive device using self-assembled monolayer coated indium-tin-oxide electrodes. Organic Electronics, 2013, 14, 2987-2993.	1.4	19
67	Two-photon excitation by femtosecond laser in poly(N-vinylpyrrolidone) matrix doped with silver ions. Chemical Physics Letters, 2013, 558, 62-65.	1.2	6
68	Optimization of Photorefractivity Based on Poly(<i>N</i>â€vinylcarbazole) Composites: An Approach from the Perspectives of Chemistry and Physics. Macromolecular Chemistry and Physics, 2013, 214, 1789-1797.	1.1	17
69	Triphenylamine-Based Photorefractive Devices for Real-Time Holographic Applications. , 2013, , .		0
70	Poly(triphenylamine)-based composites for high-speed photorefractive response time. , 2013, , .		0
71	Quickly Updatable Holographic Display Device Based on Organic Monolithic Compound Dispersed Film. , 2013, , .		0
72	Real-time three-dimensional holographic display using a monolithic organic compound dispersed film. Optical Materials Express, 2012, 2, 1003.	1.6	60

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73	Photo-reduction of silver ion by two-photon excitation using femtosecond laser. , 2012, , .		0
74	Dynamic holographic images using polyvinylcarbazole-based photorefractive composites. , 2012, , .		1
75	Quickly updatable hologram images with high performance photorefractive polymer composites. Proceedings of SPIE, 2012, , .	0.8	2
76	High-Speed Photorefractive Response Capability in Triphenylamine Polymer-Based Composites. Applied Physics Express, 2012, 5, 064101.	1.1	36
77	Quickly Updatable Hologram Images Using Poly(N-vinyl Carbazole) (PVCz) Photorefractive Polymer Composite. Materials, 2012, 5, 1477-1486.	1.3	32
78	Photorefractive Composite Based on a Monolithic Polymer. Macromolecular Chemistry and Physics, 2012, 213, 982-988.	1.1	10
79	Synthesis and properties of biodegradable network poly(etherâ€urethane)s from <scp>L</scp>â€lysine triisocyanate and poly(alkylene glycol)s. Journal of Applied Polymer Science, 2012, 126, E358.	1.3	2
80	Towards nonvolatile memory devices based on ferroelectric polymers. AIP Advances, 2012, 2, .	0.6	13
81	Dynamic holographic images using photorefractive composites. , 2012, , .		3
82	Fully Updatable Three-dimensional Holographic Display Device Using a Monolithic Compound. , 2012, , .		0
83	Two-photon laser fabrication of three-dimensional silver microstructures with submicron scale linewidth. Applied Physics A: Materials Science and Processing, 2011, 103, 421-426.	1.1	13
84	Enhanced performance of photorefractive poly(<i>N</i>â€vinyl carbazole) composites. Journal of Polymer Science, Part B: Polymer Physics, 2011, 49, 414-420.	2.4	11
85	Preparation and properties of biodegradable network poly(ester-carbonate) elastomers. Polymer, 2008, 49, 1506-1511.	1.8	20
86	All-plastic organic dye laser with distributed feedback resonator structure. Thin Solid Films, 2008, 516, 2783-2787.	0.8	11
87	Recent Development of Biodegradable Network Polyesters Obtained from Renewable Natural Resources. Clean - Soil, Air, Water, 2008, 36, 682-686.	0.7	6
88	Effect of sensitizer on photorefractive nonlinear optics in poly(N-vinylcarbazole) based polymer composites. Chemical Physics, 2008, 344, 189-194.	0.9	11
89	Synthesis and characterization of biodegradable network poly(ethylene glycol) films with elastic properties. Journal of Applied Polymer Science, 2007, 106, 2885-2891.	1.3	10
90	Infrared spectra and ferro-electricity of ultra-thin films of vinylidene fluoride and trifluoroethylene copolymer. Polymer International, 2007, 56, 1254-1260.	1.6	21

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91	Photorefractive performances in polymeric and molecular glass composites for optical memories. , 2006, , .		1
92	Asymmetric energy transfer and optical diffraction in novel molecular glass with carbazole moiety. Optical Materials, 2006, 29, 435-438.	1.7	6
93	Biodegradable Network Elastomeric Polyesters from Multifunctional Aliphatic Carboxylic Acids and Poly(Ï›-caprolactone) Diols. Macromolecular Bioscience, 2006, 6, 333-339.	2.1	12
94	High performance photorefractive molecular glass composites in reflection gratings. Chemical Physics Letters, 2005, 408, 269-273.	1.2	13
95	Crystalline structures and ferroelectric properties of ultrathin films of vinylidene fluoride and trifluoroethylene copolymer. Thin Solid Films, 2005, 483, 340-345.	0.8	23
96	Photorefractive Response of Polymeric Composites with Pendant Triphenylamine Moiety. Macromolecules, 2005, 38, 7521-7523.	2.2	31
97	Biodegradable Network Polyesters from Gluconolactone and Citric Acid. Macromolecules, 2004, 37, 5971-5976.	2.2	26
98	Amplified spontaneous emission and distributed feedback lasing from a conjugated compound in various polymer matrices. Applied Physics Letters, 2003, 83, 2533-2535.	1.5	46
99	All Optically Induced Ï‡(2)Structures and Their Optical Anisotropy in Betaine Dispersed in Polymer Matrix. Japanese Journal of Applied Physics, 2002, 41, 5247-5253.	0.8	7
100	Biodegradable network elastomeric polyesters from multifunctional aromatic carboxylic acids and poly(?-caprolactone) diols. Journal of Polymer Science Part A, 2002, 40, 4523-4529.	2.5	15
101	Enzymatic Degradation of Melt-Spun Fibers from Poly(butylene succinate) Copolyesters with Terephthalic Acid.. Journal of Fiber Science and Technology, 2001, 57, 178-183.	0.0	2
102	Photosensitized Reaction of Poly(L-lactic Acid) via Two-Photon Ionization of Dopant. Materials Research Society Symposia Proceedings, 2001, 708, 391.	0.1	3
103	Synthesis, characterization, and biodegradability of novel regular-network polyester-amines based on 1,1,1-triethanolamine. Journal of Polymer Science Part A, 2001, 39, 2896-2903.	2.5	8
104	Nonlinear optical (NLO) polymers. IV. Second-order optical nonlinearity of NLO polyurea and copolyurea with NLO dipole moments aligned transverse to the main backbone. Journal of Polymer Science, Part B: Polymer Physics, 2001, 39, 247-255.	2.4	9
105	ESR studies of photosensitized degradation of poly(L-lactic acid) via photoionization of dopant. Journal of Polymer Science Part A, 2001, 39, 706-714.	2.5	23
106	Diffraction Measurement for Grating Formed in Optically Poled Polymeric Materials. Japanese Journal of Applied Physics, 2001, 40, 2264-2268.	0.8	12
107	Synthesis, characterization, and enzymatic degradation of network aliphatic copolyesters. Journal of Polymer Science Part A, 1999, 37, 2005-2011.	2.5	45
108	Preparation and Characterization of Novel Biodegradable Optically Active Network Polyesters from Malic Acid. Macromolecules, 1999, 32, 7762-7767.	2.2	23

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109	Polarization Reversal and Second-Order Optical Nonlinearity of Uniaxially Drawn Aliphatic Polyurea. Macromolecules, 1999, 32, 3249-3256.	2.2	14
110	Separation and enzymatic degradation of blend films of poly(L-lactic acid) and cellulose. Journal of Polymer Science Part A, 1998, 36, 1861-1864.	2.5	22
111	Synthesis, Characterization, and Enzymatic Degradation Studies on Novel Network Aliphatic Polyesters. Macromolecules, 1998, 31, 6450-6454.	2.2	28
112	Nonlinear Optical (NLO) Polymers. 3. NLO Polyimide with Dipole Moments Aligned Transverse to the Imide Linkage. Macromolecules, 1998, 31, 7764-7769.	2.2	186
113	Precise study of nonlinear optical coefficients and hyperpolarizabilities in cold-drawn and poled ferroelectric Nylon 11 films. Journal of Chemical Physics, 1998, 108, 9839-9850.	1.2	8
114	Synthesis of a Novel Cyclic Compound from a Direct Reaction between Trioxane and Ethylene Oxide.. Journal of Fiber Science and Technology, 1998, 54, 167-171.	0.0	7
115	Analysis of the Reaction in the Early Stage of the Copolymerization of Trioxane and Ethylene Oxide. 2-Formation of 1,3,5,7,10-Pentaoxacyclododecane.. Journal of Fiber Science and Technology, 1998, 54, 285-289.	0.0	6
116	Synthesis and Enzymatic Degradation of Aliphatic Polyesters Copolymerized with Trimesic Acid. Journal of Macromolecular Science - Pure and Applied Chemistry, 1997, 34, 965-973.	1.2	3
117	Charge Recombination via Electron Tunneling after Two-Photon Ionization of Dopant Chromophore in Poly(butyl methacrylate) Film at 20 K. Bulletin of the Chemical Society of Japan, 1997, 70, 2665-2670.	2.0	13
118	Internal Electric Field and Second-Order Optical Nonlinearity of Ferroelectric Nylon 11. Macromolecules, 1997, 30, 1637-1642.	2.2	8
119	Charge Recombination Luminescence via the Photoionization of a Dopant Chromophore in Polymer Solids. Macromolecules, 1997, 30, 5376-5383.	2.2	32
120	Charge Recombination of Electronâ˜Cation Pairs Formed in Polymer Solids at 20 K through Two-Photon Ionization. Journal of Physical Chemistry B, 1997, 101, 10241-10247.	1.2	18
121	Orientational Relaxation of Transversely Aligned Nonlinear Optical Dipole Moments to the Main Backbone in the Linear Polyurethane. Macromolecules, 1997, 30, 4584-4589.	2.2	52
122	Synthesis, Characterization, and Enzymatic Degradation of Novel Regular Network Aliphatic Polyesters Based on Pentaerythritol. Macromolecules, 1997, 30, 6525-6530.	2.2	32
123	Novel Nonlinear Optical Polymers. ACS Symposium Series, 1997, , 151-168.	0.5	1
124	Thermal diffusivity study of polystyrene/poly(vinyl methyl ether) blends by flash radiometry. , 1997, 35, 1869-1876.		5
125	Hydrolytic Degradation of Aliphatic Polyesters Copolymerized with Poly(ethylene glycol)s. Polymer International, 1997, 42, 33-38.	1.6	39
126	Stabilization of photoejected electrons produced through two-photon ionization of dopant chromophores in electron-accepting polyester film. Chemical Physics Letters, 1997, 276, 297-302.	1.2	8

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127	Enzymatic degradation of poly(ethylene terephthalate) copolymers with aliphatic dicarboxylic acids and/or poly(ethylene glycol). European Polymer Journal, 1997, 33, 1701-1705.	2.6	33
128	Polarization and Internal Electric Field in Aromatic Polyamides Based onm-Xylylenediamine with Linear Aliphatic Dicarboxylic Acids. Macromolecules, 1996, 29, 8883-8887.	2.2	1
129	Photoionization and thermoluminescence in poly(alkyl methacrylate) films. Synthetic Metals, 1996, 81, 301-304.	2.1	12
130	Nonlinear Optical Polymers. 2. Novel NLO Linear Polyurethane with Dipole Moments Aligned Transverse to the Main Backbone. Macromolecules, 1996, 29, 592-597.	2.2	69
131	Biodegradability of Poly(ethylene terephthalate) Copolymers with Poly(ethylene glycol)s and Poly(tetramethylene glycol). Polymer International, 1996, 39, 83-89.	1.6	53
132	Network Copolyesters from Benzenepolycarboxylic Acids and 1,6-Hexanediol. Polymer International, 1996, 40, 17-23.	1.6	3
133	Synthesis and enzymatic degradation of regular network aliphatic polyesters. Reactive and Functional Polymers, 1996, 30, 165-171.	2.0	50
134	Preparation and properties of nylon 66 copolymers with 2,2-dialkyl-1,3-propanediols. Polymer, 1996, 37, 327-331.	1.8	1
135	Synthesis and Enzymatic Degradation of Nylon 66 Copolymers with Poly(Ethyleneglycol)s. Journal of Macromolecular Science - Pure and Applied Chemistry, 1996, 33, 1153-1163.	1.2	4
136	Biodegradability of poly(ethylene terephthalate) copolymers with poly(ethylene glycol)s and poly(tetramethylene glycol). , 1996, 39, 83.		1
137	Poly(ethylene terephthalate) copolymers with a smaller amount of poly(ethylene glycol)s and poly(butylene glycol)s. Polymer, 1995, 36, 2629-2635.	1.8	45
138	Main chain scission reaction of poly(methyl methacrylate) caused by two-photon ionization of dopant. Journal of Polymer Science Part A, 1995, 33, 1969-1978.	2.5	18
139	Novel regular network polyimide films from mellitic acid and aliphatic and aromatic diamines or diisocyanates. Polymer, 1995, 36, 2657-2662.	1.8	20
140	Regular network polyesters from benzenepolycarboxylic acids and glycol. Polymer, 1995, 36, 5045-5049.	1.8	6
141	Nonlinear optical polymers with dipole moment aligned transverse to main chain. Applied Physics Letters, 1995, 67, 2272-2274.	1.5	19
142	Nonlinear optical polymers. 1. Novel network polyurethane with azobenzene dye in the main frame. Macromolecules, 1995, 28, 6437-6442.	2.2	64
143	Radical anion mechanism for chain scission of poly(methyl methacrylate) via electron transfer. Macromolecular Rapid Communications, 1994, 15, 551-557.	2.0	14
144	Electron capture of dopants in two-photonic ionization in a poly(methyl methacrylate) solid. The Journal of Physical Chemistry, 1992, 96, 8855-8858.	2.9	21

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145	Initial distribution of geminate electronâ€"hole pairs produced by two-photon ionization in poly(methyl methacrylate). Chemical Physics Letters, 1992, 188, 254-258.	1.2	20