Patrice L Baldeck

List of Publications by Year
in descending order

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155 papers	5,085 citations	81900 39 h-index	102487 66 g-index
159 all docs	159 docs citations	159 times ranked	5756 citing authors

#	Article	IF	Citations
1	Design and evaluation of a 3D multi-manifold micromixer realized by a double-Archimedes-screw for rapid mixing within a short distance. Journal of the Taiwan Institute of Chemical Engineers, 2021, 120, 59-66.	5.3	5
2	3D Printing and Pyrolysis of Optical ZrO₂ Nanostructures by Twoâ€Photon Lithography: Reduced Shrinkage and Crystallization Mediated by Nanoparticles Seeds. Small, 2021, 17, e2102486.	10.0	13
3	Polymerization Photoinitiators with Near-Resonance Enhanced Two-Photon Absorption Cross-Section: Toward High-Resolution Photoresist with Improved Sensitivity. Macromolecules, 2020, 53, 9264-9278.	4.8	29
4	Simulating Plasmon Resonances of Gold Nanoparticles with Bipyramidal Shapes by Boundary Element Methods. Journal of Chemical Theory and Computation, 2020, 16, 3807-3815.	5.3	15
5	Quadratic phase modulation and diffraction-limited microfocusing generated by pairs of subwavelength dielectric scatterers. Nanophotonics, 2019, 8, 1051-1061.	6.0	7
6	Twoâ€Photon Absorption and Cell Imaging of Fluoreneâ€Functionalized Epicocconone Analogues. Chemistry - A European Journal, 2019, 25, 10954-10964.	3.3	8
7	Two-Photon Photosensitizerâ€“Polymer Conjugates for Combined Cancer Cell Death Induction and Two-Photon Fluorescence Imaging: Structure/Photodynamic Therapy Efficiency Relationship. Biomacromolecules, 2017, 18, 4022-4033.	5.4	15
8	NIRâ€toâ€NIR Twoâ€Photon Scanning Laser Microscopy Imaging of Single Nanoparticles Doped by Yb^{III} Complexes. ChemPhysChem, 2016, 17, 128-135.	2.1	8
9	Two-photon fabrication of three-dimensional silver microstructures in microfluidic channels for volumetric surface-enhanced Raman scattering detection. Optical Materials Express, 2016, 6, 1587.	3.0	18
10	3D printing of natural organic materials by photochemistry. Proceedings of SPIE, 2016, , .	0.8	1
11	Rotational Efficiency of Photo-Driven Archimedes Screws for Micropumps. Micromachines, 2015, 6, 674-683.	2.9	7
12	Laser direct writing 3D structures for microfluidic channels: flow meter and mixer. , 2015, , .		3
13	Excited-State Dynamics of a D-Ï€-A Type Sulfonium-Based Alkoxystilbene Photoacid Generator. Chemistry of Materials, 2015, 27, 1684-1691.	6.7	18
14	A simple and direct reading flow meter fabricated by two-photon polymerization for microfluidic channel. Microfluidics and Nanofluidics, 2015, 18, 427-431.	2.2	28
15	Laser cross-linking protein captures for living cells on a biochip. , 2015, , .		8
16	Sharp gold based hybrid nanoprobes for cell imaging through dark-field microscopy. Proceedings of SPIE, 2015, , .	0.8	0
17	High resolution multiphoton ablation with negligible thermal effects in transparent materials using Q-switched microchip lasers with 300 picosecond pulses at 532 nm. Proceedings of SPIE, 2014, , .	0.8	0
18	Cross-phase modulation in optical Kerr media: review of discovery experiments. , 2014, , .		0

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19	Ultrabright and bleaching-resistant hybrid gold nanoparticles for confocal and two-photon fluorecence imaging. Proceedings of SPIE, 2014, , .	0.8	0
20	Folic Acid-Conjugated, SERS-Labeled Silver Nanotriangles for Multimodal Detection and Targeted Photothermal Treatment on Human Ovarian Cancer Cells. Molecular Pharmaceutics, 2014, 11, 391-399.	4.6	117
21	Comparative Analysis of Conjugated Alkynyl Chromophoreâ€“Triazacyclononane Ligands for Sensitized Emission of Europium and Terbium. Chemistry - A European Journal, 2014, 20, 8636-8646.	3.3	89
22	Plasmonic bipyramids for fluorescence enhancement and protection against photobleaching. Nanoscale, 2014, 6, 5138.	5.6	29
23	Two-photon lithography in visible and NIR ranges using multibranched-based sensitizers for efficient acid generation. Journal of Materials Chemistry C, 2014, 2, 7201-7215.	5.5	34
24	Ï€-conjugated sulfonium-based photoacid generators: an integrated molecular approach for efficient one and two-photon polymerization. Polymer Chemistry, 2014, 5, 4747-4755.	3.9	49
25	Influence of the Metal Ion on the Twoâ€Photon Absorption Properties of Lanthanide Complexes Including Nearâ€IR Emitters. ChemPhysChem, 2013, 14, 3361-3367.	2.1	32
26	Goldâ€“Pluronic coreâ€“shell nanoparticles: synthesis, characterization and biological evaluation. Journal of Nanoparticle Research, 2013, 15, 1.	1.9	11
27	Synthesis and Photophysical Properties of Pushâ€“Pull Structures Incorporating Diazines as Attracting Part with a Fluorene Core. European Journal of Organic Chemistry, 2013, 2013, 5591-5602.	2.4	27
28	Tuning Dye-to-Particle Interactions toward Luminescent Gold Nanostars. Langmuir, 2013, 29, 10915-10921.	3.5	28
29	Nanocarriers with ultrahigh chromophore loading for fluorescence bio-imaging and photodynamic therapy. Biomaterials, 2013, 34, 8344-8351.	11.4	58
30	LEDâ€activated methylene blueâ€loaded Pluronicâ€nanogold hybrids for in vitro photodynamic therapy. Journal of Biophotonics, 2013, 6, 950-959.	2.3	17
31	Polymorphism of CMONS Nanocrystals Grown in Silicate Particles through a Spray-Drying Process. Crystal Growth and Design, 2013, 13, 5241-5248.	3.0	6
32	Biocompatible well-defined chromophoreâ€“polymer conjugates for photodynamic therapy and two-photon imaging. Polymer Chemistry, 2013, 4, 61-67.	3.9	38
33	Two-photon excited luminescence of lanthanide complex in monolithic solâ€“gel hybrid material. Journal of Luminescence, 2013, 133, 175-179.	3.1	3
34	Diffractive microstructures based on metallic nanowires: a low cost solution for optical focusing devices. , 2013, , .		0
35	Recent advances in two-photon 3D laser lithography with self-Q-switched Nd:YAG microchip lasers. Proceedings of SPIE, 2013, , .	0.8	3
36	New biodiagnostics based on optical tweezers: typing red blood cells, and identification of drug resistant bacteria. Proceedings of SPIE, 2013, , .	0.8	0

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37	Measurement verification of line smoothness and surface roughness of micro products fabricated by two-photon polymerization. Proceedings of SPIE, 2013, , .	0.8	0
38	Optically Driven Mobile Integrated Micro-Tools for a Lab-on-a-Chip. Actuators, 2013, 2, 19-26.	2.3	11
39	Recent Advances in Two-Photon Stereolithography. , 2013, , .		7
40	Cylindrical planar microlens based on diffraction of parallel metallic nanowires. Journal of the Optical Society of America B: Optical Physics, 2012, 29, 3277.	2.1	2
41	Obstructive micro diffracting structures as an alternative to plasmonics nano slits for making efficient microlenses. Optics Express, 2012, 20, 26542.	3.4	16
42	Metallic nanowires can lead to wavelength-scale microlenses and microlens arrays. Optics Express, 2012, 20, 15516.	3.4	5
43	Preliminary study of lever-based optical driven micro-actuator. , 2012, , .		3
44	Influence of bromine substitution pattern on the singlet oxygen generation efficiency of two-photon absorbing chromophores. Organic and Biomolecular Chemistry, 2012, 10, 6275.	2.8	20
45	Enhancement of Acid Photogeneration Through a Para-to-Meta Substitution Strategy in a Sulfonium-Based Alkoxystilbene Designed for Two-Photon Polymerization. Chemistry of Materials, 2012, 24, 237-244.	6.7	57
46	Water-soluble chromophores with star-shaped oligomeric arms: synthesis, spectroscopic studies and first results in bio-imaging and cell death induction. New Journal of Chemistry, 2012, 36, 2328.	2.8	22
47	An improved singlet oxygen sensitizer with two-photon absorption and emission in the biological transparency window as a result of ground state symmetry-breaking. Chemical Communications, 2012, 48, 1689-1691.	4.1	41
48	Synthesis of PEGylated gold nanostars and bipyramids for intracellular uptake. Nanotechnology, 2012, 23, 465602.	2.6	58
49	Ytterbiumâ€Based Bioprobes for Nearâ€Infrared Twoâ€Photon Scanning Laser Microscopy Imaging. Angewandte Chemie - International Edition, 2012, 51, 6622-6625.	13.8	127
50	Enhancement of the Two-Photon Initiating Efficiency of a Thioxanthone Derivative through a Chevron-Shaped Architecture. Chemistry of Materials, 2011, 23, 3411-3420.	6.7	46
51	Boron-Containing Two-Photon-Absorbing Chromophores. 3. One- and Two-Photon Photophysical Properties of p-Carborane-Containing Fluorescent Bioprobes. Inorganic Chemistry, 2011, 50, 4272-4278.	4.0	38
52	Transparent Plasmonic Nanocontainers Protect Organic Fluorophores against Photobleaching. Nano Letters, 2011, 11, 2043-2047.	9.1	53
53	Influence of Carbohydrate Biological Vectors on the Two-Photon Resonance of Porphyrin Oligomers. Journal of Physical Chemistry A, 2011, 115, 6503-6508.	2.5	27
54	Bright Luminescent Silica Nanoparticles for Two-Photon Microscopy Imaging via Controlled Formation of 4,4â€²-Diethylaminostyryl-2,2â€²-bipyridine Zn(II) Surface Complexes. Chemistry of Materials, 2011, 23, 3228-3236.	6.7	43

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55	Two-photon absorbing chromophores for photodynamic therapy: molecular engineering and in vivo applications. , 2011, , .		2
56	Chitosan-coated triangular silver nanoparticles as a novel class of biocompatible, highly effective photothermal transducers for in vitro cancer cell therapy. Cancer Letters, 2011, 311, 131-140.	7.2	277
57	Optically driven Archimedes micro-screws for micropump application. Optics Express, 2011, 19, 8267.	3.4	32
58	Multiplying optical tweezers force using a micro-lever. Optics Express, 2011, 19, 20604.	3.4	33
59	Nonlinear photochemistry and 3D microfabrication with Q-switched Nd:YAG microchip lasers. , 2011, , .		1
60	Simulation and Correction of Angular Defects in Two-Photon Lithography. Journal of Photopolymer Science and Technology = [Fotoporima Konwakai Shi], 2011, 24, 651-655.	0.3	2
61	Modulating the Photophysical Properties of Azamacrocyclic Europium Complexes with Charge-Transfer Antenna Chromophores. Inorganic Chemistry, 2011, 50, 4987-4999.	4.0	70
62	Laser microstructuration of three-dimensional enzyme reactors in microfluidic channels. Microfluidics and Nanofluidics, 2011, 10, 685-690.	2.2	40
63	Carbohydrateâ€“Porphyrin Conjugates with Twoâ€Photon Absorption Properties as Potential Photosensitizing Agents for Photodynamic Therapy. European Journal of Organic Chemistry, 2011, 2011, 1271-1279.	2.4	50
64	Photochromic fluorescent diarylethene nanocrystals grown in solâ€“gel thin films. Dyes and Pigments, 2011, 89, 241-245.	3.7	17
65	Uptake and biological effects of chitosan-capped gold nanoparticles on Chinese Hamster Ovary cells. Materials Science and Engineering C, 2011, 31, 184-189.	7.3	53
66	New insight in boron chemistry: Application in two-photon absorption. Optical Materials, 2011, 33, 1453-1458.	3.6	11
67	Synthesis and optical properties of dyes encapsulated in gold hollow nanoshells. Optical Materials, 2011, 33, 1377-1381.	3.6	13
68	Multifunctional hybrid nanoparticles for two-photon fluorescence imaging and photodynamic therapy. Proceedings of SPIE, 2011, , .	0.8	0
69	Optically driven Archimedes micro-screws for micropump applications: multiple blade design. Proceedings of SPIE, 2011, , .	0.8	4
70	Degenerate Multi-Photon Properties of Spirofluorene Derivatives. Journal of Nanoscience and Nanotechnology, 2010, 10, 6958-6961.	0.9	2
71	Improvement of two-photon induced photoreduction by using a metal ion solution with a high concentration of silver ions. International Journal of Nanomanufacturing, 2010, 6, 219.	0.3	5
72	A novel femtosecond-laser formation of CdS nanocrystallites in zirconia matrices. Journal of Nanoparticle Research, 2010, 12, 1459-1467.	1.9	4

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73	Study of tryptophan assisted synthesis of gold nanoparticles by combining UVâ€“Vis, fluorescence, and SERS spectroscopy. Journal of Nanoparticle Research, 2010, 12, 2843-2849.	1.9	43
74	Sensitization of Eu(III) luminescence by donor-phenylethynyl-functionalized DTPA and DO3A macrocycles. Comptes Rendus Chimie, 2010, 13, 681-690.	0.5	32
75	Bisporphyrin connected by pyrimidine: synthesis and photophysical properties. Journal of Porphyrins and Phthalocyanines, 2010, 14, 877-884.	0.8	14
76	Gold hollow spheres obtained using an innovative emulsion process: towards multifunctional Au nanoshells. Nanotechnology, 2009, 20, 355603.	2.6	18
77	Plasmon-enhanced fluorescence of dye molecules. Nuclear Instruments & Methods in Physics Research B, 2009, 267, 403-405.	1.4	26
78	Study of proteinâ€“gold nanoparticle conjugates by fluorescence and surface-enhanced Raman scattering. Journal of Molecular Structure, 2009, 924-926, 196-200.	3.6	127
79	Boron Containing Two-Photon Absorbing Chromophores. 2. Fine Tuning of the One- and Two-Photon Photophysical Properties of Pyrazabole Based Fluorescent Bioprobes. Inorganic Chemistry, 2009, 48, 9112-9119.	4.0	40
80	Fluorescent Pluronic nanodots forin vivotwo-photon imaging. Nanotechnology, 2009, 20, 235102.	2.6	22
81	An ethylene-glycol decorated ruthenium(ii) complex for two-photon photodynamic therapy. Chemical Communications, 2009, , 4590.	4.1	106
82	Ruthenium(II) Complexes for Twoâ€Photon Absorptionâ€Based Optical Power Limiting. ChemPhysChem, 2008, 9, 1531-1535.	2.1	54
83	Novel 5-(oligofluorenyl)-1,10-phenanthroline type ligands: synthesis, linear and two-photon absorption properties. Tetrahedron Letters, 2008, 49, 1753-1758.	1.4	15
84	Long-Lived Two-Photon Excited Luminescence of Water-Soluble Europium Complex:â€‰ Applications in Biological Imaging Using Two-Photon Scanning Microscopy. Journal of the American Chemical Society, 2008, 130, 1532-1533.	13.7	285
85	Design of Dipicolinic Acid Ligands for the Two-Photon Sensitized Luminescence of Europium Complexes with Optimized Cross-Sections. Inorganic Chemistry, 2008, 47, 10269-10279.	4.0	108
86	Synthesis, and two photon absorption properties of 7,7â€²-(iminundecahydro-closo-dodecaborate)-9,9â€²-(dihexyl)-2,2â€²-bifluorene. Chemical Communications, 2008, , 3765.	4.1	7
87	Excitonically Coupled Oligomers and Dendrimers for Two-Photon Absorption. Advances in Polymer Science, 2008, , 149-203.	0.8	33
88	Two-photon induced fabrication of gold microstructures in polystyrene sulfonate thin films using a ruthenium(II) dye as photoinitiator. Applied Physics Letters, 2008, 92, .	3.3	38
89	Laser Beam Trajectory Generation for Micro-Manufacturing With a Two-Photon Polymerization Technique. , 2008, , .		0
90	Product Model Preparation and Processing for Micromanufacturing. Journal of Computing and Information Science in Engineering, 2008, 8, .	2.7	0

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91	Diarylethene microcrystals make directional jumps upon ultraviolet irradiation. Journal of Chemical Physics, 2007, 126, 011101.	3.0	52
92	Observation of optical dispersion effects in metallic nanostructures fabricated by laser illumination of an organic polymer matrix doped with metallic salts. , 2007, , .		3
93	Two-dimensional slicing method to speed up the fabrication of micro-objects based on two-photon polymerization. Applied Physics Letters, 2007, 91, .	3.3	33
94	Two-Photon Antenna Effect Induced in Octupolar Europium Complexes. Inorganic Chemistry, 2007, 46, 2659-2665.	4.0	100
95	Enhancement of Two-Photon Absorption via Oligomerization. A Route for the Engineering of Two-Photon Absorbers in the Visible Range. Journal of Physical Chemistry C, 2007, 111, 2270-2279.	3.1	24
96	Conjugation of a New Two-Photon Fluorophore to Poly(ethylenimine) for Gene Delivery Imaging. Bioconjugate Chemistry, 2007, 18, 844-851.	3.6	36
97	Novel ruthenium(ii) and zinc(ii) complexes for two-photon absorption related applications. Dalton Transactions, 2007, , 3421.	3.3	55
98	Twoâ€Photon Microscopy and Spectroscopy of Lanthanide Bioprobes. ChemPhysChem, 2007, 8, 2125-2132.	2.1	78
99	Cellâ€permeant cytoplasmic blue fluorophores optimized for in vivo twoâ€photon microscopy with lowâ€power excitation. Microscopy Research and Technique, 2007, 70, 880-885.	2.2	15
100	Synthesis of chromophores combining second harmonic generation and two photon induced fluorescence properties. Chemical Communications, 2006, , 4744-4746.	4.1	26
101	Synthesis and characterization of water-soluble two-photon excited blue fluorescent chromophores for bioimaging. Photochemical and Photobiological Sciences, 2006, 5, 102-106.	2.9	51
102	Analogs of Michlerâ€™s ketone for two-photon absorption initiation of polymerization in the near infrared: synthesis and photophysical properties. New Journal of Chemistry, 2006, 30, 1606-1613.	2.8	30
103	Synthesis, Characterization, and UVâ"vis Linear Absorption of Centrosymmetric Ï€-Systems Incorporatingcloso-Dodecaborate Clusters. Inorganic Chemistry, 2006, 45, 8743-8748.	4.0	24
104	Velocimetry microsensors driven by linearly polarized optical tweezers. Optics Letters, 2006, 31, 329.	3.3	19
105	Novel two-photon absorbing styrylpyridine-based multi-branched dyes: towards pH responsive dyes for biological imaging. , 2006, , .		0
106	Optical properties of metallic nanostructures fabricated by two-photon induced photoreduction. , 2006, 6195, 619501.		9
107	Boron-Containing Two-Photon-Absorbing Chromophores: Electronic Interaction through the Cyclodiborazane Core. Angewandte Chemie - International Edition, 2006, 45, 6466-6469.	13.8	32
108	Design of pyridine-dicarboxamide ligands for the sensitization of europium(III) by two photon antenna effect. , 2006, 6401, 75.		0

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109	Cross-Phase Modulation: A New Technique for Controlling the Spectral, Temporal, and Spatial Properties of Ultrashort Pulses. , 2006, , 117-183.		0
110	Bifluorene Derivatives for Two-Photon Absorption in the Visible Range. Molecular Crystals and Liquid Crystals, 2006, 446, 175-182.	0.9	7
111	Multilayer two-dimensional arrays of organic nanocrystals for 3-D optical data storage. , 2005, , .		0
112	Photochromic organic microcrystals jump under light irradiation. , 2005, , .		0
113	Spatial control of organic nanocrystal nucleation in solâ€“gel thin films for 3-D optical data storage devices or chemical multi-sensors. Journal of Crystal Growth, 2005, 283, 444-449.	1.5	16
114	Two-photon absorption: from optical power limiting to 3D microfabrication. Comptes Rendus Chimie, 2005, 8, 1308-1316.	0.5	54
115	Hybrid materials for nonlinear absorption. , 2005, 5934, 24.		0
116	ROTATIONAL PROPERTIES OF MICRO-SLABS DRIVEN BY LINEARLY-POLARIZED LIGHT. Journal of Nonlinear Optical Physics and Materials, 2005, 14, 375-382.	1.8	7
117	DENDRITIC FLUORENE OLIGOMERS FOR NONLINEAR ABSORPTION IN THE VISIBLE RANGE. Journal of Nonlinear Optical Physics and Materials, 2005, 14, 311-318.	1.8	9
118	Polyfluorene Based Coordination Compounds for Nonlinear Absorption. Molecular Crystals and Liquid Crystals, 2005, 426, 197-204.	0.9	2
119	Synthesis, characterization and optical properties of Ï€-conjugated systems incorporating closo-dodecaborate clusters: new potential candidates for two-photon absorption processes. Dalton Transactions, 2005, , 3065.	3.3	31
120	Strong Photomechanical Effects in Photochromic Organic Microcrystals. Molecular Crystals and Liquid Crystals, 2005, 431, 495-499.	0.9	14
121	Photochromism of Spiropyran Nanocrystals Embedded in Solâ^'Gel Matrices. Journal of Physical Chemistry B, 2005, 109, 8587-8591.	2.6	41
122	Hybrid materials for Optical Limiting. Materials Research Society Symposia Proceedings, 2004, 847, 274.	0.1	1
123	Optical Properties of Novel GaN 3D Structures Grown by Metal-Organic Chemical Vapor Deposition (MOCVD). Japanese Journal of Applied Physics, 2004, 43, L698-L701.	1.5	6
124	Nonlinear absorption in bifluorene derivatives. , 2004, 5516, 28.		0
125	Two-photon induced polymerization of photo-driven microsensors. , 2004, , .		2
126	New initiator for two-photon absorption induced polymerization with a microlaser at 1.06 Î¼m. Synthetic Metals, 2003, 138, 353-356.	3.9	37

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127	Optical limiting in the visible range: molecular engineering around N4,N4â€²-bis(4-methoxyphenyl)-N4,N4â€²-diphenyl-4,4â€²-diaminobiphenyl. Journal of Materials Chemistry, 2003, 13, 2157-2163.	6.7	67
128	Biphenyl derivatives with enhanced nonlinear absorptivities for optical limiting applications. , 2003, 4797, 15.		2
129	Two-photon-absorption-induced nonlinear absorption in fluorene oligomers. , 2003, , .		7
130	Two-photon absorption initiation for polymerization with microlasers at 532 and 1064 nm. , 2003, 5211, 104.		1
131	Absorption and fluorescence properties of bifluorene crystal and microcrystals. Journal of Optics, 2002, 4, S258-S260.	1.5	39
132	Three-dimensional microfabrication by two-photon-initiated polymerization with a low-cost microlaser. Optics Letters, 2002, 27, 1348.	3.3	117
133	Large Two-Photon Absorption Properties of Polyphenyls and Polyfluorenes. Molecular Crystals and Liquid Crystals, 2002, 374, 335-342.	0.9	17
134	Organic nanocrystals grown in solâ€“gel matrices: aÂnew type of hybrid material for optics. Comptes Rendus Physique, 2002, 3, 463-478.	0.9	11
135	Efficient initiators for two-photon induced polymerization in the visible range. Chemical Physics Letters, 2002, 362, 291-295.	2.6	49
136	Enhanced two-photon absorption with dimers of Ï€-conjugated molecules. Synthetic Metals, 2001, 124, 237-239.	3.9	20
137	Two-photon absorption spectrum of poly(fluorene). Chemical Physics Letters, 2001, 343, 44-48.	2.6	78
138	Polymorphism and luminescence properties of CMONS organic crystals: bulkÂcrystalsÂandÂnanocrystalsÂconfinedÂinÂgel-glasses. Solid State Sciences, 2001, 3, 867-875.	3.2	43
139	Novel nonlinear optical organic materials: Dithienylethylenes. Journal of Chemical Physics, 2001, 115, 6179-6184.	3.0	14
140	Two-photon absorption and optical power limiting of bifluorene molecule. Journal of Chemical Physics, 2001, 114, 5391-5396.	3.0	151
141	Molecular engineering for two-photon absorption in the visible. , 2000, , .		0
142	Optical power limiting based on two-photon absorption: a promising approach with conjugated oligomers. , 2000, 4087, 682.		0
143	New type of nanocomposite material for optical applications: organic nanocrystals in sol-gel glasses. , 2000, , .		0
144	Molecular engineering of organic materials for nonlinear absorption in the visible range: the excited states of tetraphenyl-diamine derivatives. Journal of Optics, 2000, 2, 268-271.	1.5	13

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145	Theoretical molecular engineering for nonlinear absorption by two-photon absorption in the visible. Journal of Optics, 2000, 2, 284-288.	1.5	27
146	Organic nanocrystals embedded in solâ€“gel glasses for optical applications. Synthetic Metals, 2000, 115, 229-234.	3.9	35
147	Nonlinear absorption spectra of transparent organic crystals for optical limiting applications at visible wavelengths. Synthetic Metals, 2000, 115, 265-268.	3.9	15
148	Third-order nonlinear optical properties of new dithienylethylenes. Synthetic Metals, 2000, 109, 315-319.	3.9	4
149	Organic nanocrystals grown in solâ€“gel coatings. Journal of Materials Chemistry, 2000, 10, 2723-2726.	6.7	36
150	Controlled Nanocrystallization of Organic Molecules in Sol-Gel Glasses. Advanced Materials, 1998, 10, 1540-1543.	21.0	100
151	Optical limiting properties of organic nonlinear crystals. , 1997, 3147, 112.		4
152	Structural and Nonlinear Optical Characterizations of Tellurium Oxide-Based Glasses: TeO2â€“BaOâ€“TiO2. Journal of Solid State Chemistry, 1997, 132, 411-419.	2.9	156
153	Modulation instability induced by cross-phase modulation in optical fibers. Physical Review A, 1989, 39, 3406-3413.	2.5	139
154	Temporal and spectral effects of cross-phase modulation on copropagating ultrashort pulses in optical fibers. Physical Review A, 1989, 40, 5063-5072.	2.5	118
155	Inducedâ€frequency shift of copropagating ultrafast optical pulses. Applied Physics Letters, 1988, 52, 1939-1941.	3.3	95