Cleber R Mendonca

List of Publications by Year
in descending order

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283	5,813	101384	161609
papers	citations	36 h-index	54 g-index

286	286	286	5251
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Influence of electron-withdrawing groups in two-photon absorption of imidazopyridines derivatives. Dyes and Pigments, 2022, 198, 109972.	2.0	12
2	Modeling the First-Order Molecular Hyperpolarizability Dispersion from Experimentally Obtained One- and Two-Photon Absorption. Journal of Physical Chemistry A, 2022, 126, 2152-2159.	1.1	5
3	Femtosecond-laser processing incubation in Diamond-like carbon. Optical Materials, 2022, 126, 112203.	1.7	6
4	Second- and third-order nonlinear optical properties of mono-substituted terpenoid-like chalcones. Journal of Photochemistry and Photobiology A: Chemistry, 2022, 429, 113898.	2.0	5
5	Effect of peripherical groups on the two-photon brightness of (E)-3-benzyl-6-bromo-2-styryl-3H-imidazo[4,5-b]pyridine derivatives. Journal of Molecular Liquids, 2022, 358, 119186.	2.3	3
6	Transparent glass-ceramic waveguides made by femtosecond laser writing. Optics and Laser Technology, 2021, 136, 106742.	2.2	15
7	Effects of pH on the ultrafast transient absorption of iron (III) meso-tetrakis(4-N-methyl-pyridiniumyl) porphyrin (Fe3+TMPyP) molecular complexes. Journal of Photochemistry and Photobiology A: Chemistry, 2021, 408, 113082.	2.0	4
8	Effective Ï€-electron number and symmetry perturbation effect on the two-photon absorption of oligofluorenes. Physical Chemistry Chemical Physics, 2021, 23, 18602-18609.	1.3	7
9	Bacterial cellulose growth on 3D acrylate-based microstructures fabricated by two-photon polymerization. JPhys Photonics, 2021, 3, 024003.	2.2	2
10	Femtosecond-laser selective printing of graphene oxide and PPV on polymeric microstructures. Journal of Materials Science, 2021, 56, 11569-11577.	1.7	5
11	The ability of 2,5-disubstituted oxazole dyes derivatives to generate two-photon upconversion photoluminescence and its brightness evaluation. Journal of Photochemistry and Photobiology A: Chemistry, 2021, 411, 113214.	2.0	3
12	Two-Photon Polymerization: Functionalized Microstructures, Micro-Resonators, and Bio-Scaffolds. Polymers, 2021, 13, 1994.	2.0	36
13	Bilayered electrospun membranes composed of poly(lactic-acid)/natural rubber: A strategy against curcumin photodegradation for wound dressing application. Reactive and Functional Polymers, 2021, 163, 104889.	2.0	23
14	Controlling surface wettability in methacrylic copolymer containing azobenzene by fs-laser microstructuring. Optical Materials, 2021, 116, 111083.	1.7	2
15	Controlled formation of metallic tellurium nanocrystals in tellurite glasses using femtosecond direct laser writing. Journal of Materials Research and Technology, 2021, 13, 1296-1304.	2.6	12
16	Waveguides fabrication by femtosecond laser in Tb3+/Yb3+ doped CaLiBO glasses. Optics and Laser Technology, 2021, 140, 107030.	2.2	6
17	Investigation of the triplet excited state and application of cationic meso-tetra(cisplatin)porphyrins in antimicrobial photodynamic therapy. Photodiagnosis and Photodynamic Therapy, 2021, 35, 102459.	1.3	13
18	Effects of modifier oxides in the nonlinear refractive index of niobium-borotellurite glasses. Journal of Alloys and Compounds, 2021, 878, 160382.	2.8	15

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19	A simple strategy for increasing optical waveguide performance using spherical aberration. Optics and Laser Technology, 2021, 142, 107235.	2.2	3
20	Femtosecond laser micromachining of GaN using different wavelengths from near-infrared to ultraviolet. Journal of Alloys and Compounds, 2021, 877, 160259.	2.8	21
21	Dependent excited state absorption and dynamic of Î²-BF2 substituted metalloporphyrins: The metal ion effect. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2021, 260, 119911.	2.0	1
22	Effects of meso-tetrakis (4-sulfonatophenyl) porphyrin (TPPS4) aggregation on its spectral and kinetic characteristics and singlet oxygen production. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2021, 261, 120063.	2.0	8
23	Unconventional Disorder by Femtosecond Laser Irradiation in Fe₂O₃. ACS Omega, 2021, 6, 28049-28062.	1.6	4
24	Molecular Structureâ€“Optical Property Relationship of Salicylidene Derivatives: A Study on the First-Order Hyperpolarizability. Journal of Physical Chemistry A, 2021, 125, 99-105.	1.1	6
25	Chalcone-based molecules: Experimental and theoretical studies on the two-photon absorption and molecular first hyperpolarizability. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2020, 227, 117772.	2.0	28
26	Nonlinear Optical Study in a Set of Dibenzylideneacetone Derivatives with Potential for Optical Frequency Conversion. Photonics, 2020, 7, 8.	0.9	4
27	Controlled drug delivery system by fs-laser micromachined biocompatible rubber latex membranes. Applied Surface Science, 2020, 506, 144762.	3.1	16
28	Laser patterning and induced reduction of graphene oxide functionalized silk fibroin. Optical Materials, 2020, 99, 109540.	1.7	6
29	Direct Femtosecond Laser Printing of Silk Fibroin Microstructures. ACS Applied Materials & Interfaces, 2020, 12, 50033-50038.	4.0	12
30	First-order hyperpolarizability of organic molecules: hyper-Rayleigh scattering and applications. , 2020, , 275-314.		1
31	Single-step printing of metallic nanoparticles in 2D micropatterns. Journal of Nanoparticle Research, 2020, 22, 1.	0.8	7
32	Two-Photon Emissive Dyes Based on Pushâ€“Pull Purines Derivatives: Toward the Development of New Photoluminescence Bioprobes. Journal of Physical Chemistry C, 2020, 124, 12617-12627.	1.5	16
33	Mode cleaning in graphene oxide-doped polymeric whispering gallery mode microresonators. Journal of Materials Chemistry C, 2020, 8, 9707-9713.	2.7	7
34	Probing the Strong Near-IR Two-Photon Transition in Supramolecular Triphenylamine-based Polymers by Nonlinear Absorption Spectroscopy. Journal of Physical Chemistry B, 2020, 124, 6147-6153.	1.2	1
35	Influence of Magnetic Field on the Two-Photon Absorption and Hyper-Rayleigh Scattering of Manganeseâ€“Zinc Ferrite Nanoparticles. Journal of Physical Chemistry C, 2020, 124, 6784-6795.	1.5	9
36	Femtosecond-laser induced two-photon absorption of GaN and AlxGa1-xN thin films: Tuning the nonlinear optical response by alloying and doping. Journal of Alloys and Compounds, 2020, 825, 153828.	2.8	9

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37	Effects of disorder on two-photon absorption in amorphous semiconductors. Optics Letters, 2020, 45, 3228.	1.7	5
38	Three-dimensional structures fabricated after laser-induced free radical generation in azoaromatic compounds. Optical Materials Express, 2020, 10, 1792.	1.6	5
39	Third-Order Nonlinear Spectrum of GaN under Femtosecond-Pulse Excitation from the Visible to the Near Infrared. Photonics, 2019, 6, 69.	0.9	10
40	First molecular electronic hyperpolarizability of series of Ï€-conjugated oxazole dyes in solution: an experimental and theoretical study. RSC Advances, 2019, 9, 26476-26482.	1.7	17
41	Effect of Tb3+/Yb3+ in the nonlinear refractive spectrum of CaLiBO glasses. Journal of Non-Crystalline Solids, 2019, 524, 119637.	1.5	29
42	Regenerated cellulose as a porous silica composite template for random laser emission. Journal of Materials Science: Materials in Electronics, 2019, 30, 16849-16855.	1.1	2
43	Femtosecond direct laser writing of silk fibroin optical waveguides. Journal of Materials Science: Materials in Electronics, 2019, 30, 16843-16848.	1.1	13
44	Incubation effect during laser micromachining of GaN films with femtosecond pulses. Journal of Materials Science: Materials in Electronics, 2019, 30, 16821-16826.	1.1	11
45	Polyvinylpyrrolidone electrospun nanofibers doped with Eu³⁺: Fabrication, characterization, and application in gas sensors. Journal of Applied Polymer Science, 2019, 136, 47775.	1.3	7
46	Random laser action in dye-doped xerogel with inhomogeneous TiO2 nanoparticles distribution. Journal of Materials Science: Materials in Electronics, 2019, 30, 16747-16754.	1.1	3
47	Intramolecular Cooperative and Anti-Cooperative Effect on the Two-Photon Absorption Cross Section in Triphenylamine Derivatives. Journal of Physical Chemistry Letters, 2019, 10, 2214-2219.	2.1	18
48	One axis guided random laser emission from a glass capillary composite. Journal of Luminescence, 2019, 211, 426-430.	1.5	6
49	Two-photon absorption properties of BODIPY-like compounds based on BF₂â€“naphthyridine complexes. Physical Chemistry Chemical Physics, 2019, 21, 6662-6671.	1.3	18
50	Simulation of the periodic structure of chalcogenide glass fabricated via laser induced forward transfer. , 2019, , .		0
51	Saturable absorption in graphene oxide-doped acrylate polymer used for direct laser writing. , 2019, , .		1
52	Functionalized and microstructured polymeric composites used as gain medium in random lasers systems. , 2019, , .		0
53	Micropatterning MoS2/Polyamide Electrospun Nanofibrous Membranes Using Femtosecond Laser Pulses. Photonics, 2019, 6, 3.	0.9	8
54	Micropatterning of poly(pâ€phenylene vinylene) by femtosecond laser induced forward transfer. Polymer International, 2019, 68, 160-163.	1.6	6

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55	Bromo-and chloro-derivatives of dibenzylideneacetone: Experimental and theoretical study of the first molecular hyperpolarizability and two-photon absorption. Journal of Photochemistry and Photobiology A: Chemistry, 2019, 369, 70-76.	2.0	15
56	Oxazole Dyes with Potential for Photoluminescence Bioprobes: A Two-Photon Absorption Study. Journal of Physical Chemistry C, 2018, 122, 10526-10534.	1.5	16
57	Photoluminescence tuning and energy transfer process from Tb3+ to Eu3+ in GPTMS/TEOSâ€“derived organic/silica hybrid films. Journal of Luminescence, 2018, 197, 370-375.	1.5	9
58	First-Order Hyperpolarizability of Triphenylamine Derivatives Containing Cyanopyridine: Molecular Branching Effect. Journal of Physical Chemistry C, 2018, 122, 1770-1778.	1.5	55
59	Third-order optical nonlinearities in bulk and fs-laser inscribed waveguides in strengthened alkali aluminosilcate glass. Laser Physics, 2018, 28, 015401.	0.6	8
60	Femtosecond laser writing of PPVâ€doped threeâ€dimensional polymeric microstructures. Journal of Polymer Science, Part B: Polymer Physics, 2018, 56, 479-483.	2.4	5
61	Femtosecond laser micromachining of polylactic acid/graphene composites for designing interdigitated microelectrodes for sensor applications. Optics and Laser Technology, 2018, 101, 74-79.	2.2	28
62	Solid-state random microlasers fabricated via femtosecond laser writing. Scientific Reports, 2018, 8, 13561.	1.6	10
63	Nonlinear characterization of fs-laser written Gorilla Glass waveguides. Optical Materials Express, 2018, 8, 2222.	1.6	8
64	Femtosecond two-photon absorption spectroscopy of copper indium sulfide quantum dots: A structure-optical properties relationship. Optical Materials, 2018, 86, 455-459.	1.7	6
65	Feature size reduction in twoâ€photon polymerization by optimizing resin composition. Journal of Polymer Science, Part B: Polymer Physics, 2018, 56, 1158-1163.	2.4	7
66	Direct Femtosecond Laser Printing of PPV on Bacterial Celluloseâ€Based Paper for Flexible Organic Devices. Macromolecular Materials and Engineering, 2018, 303, 1800265.	1.7	5
67	Carrier dynamics and optical nonlinearities in a GaN epitaxial thin film under three-photon absorption. Journal of Applied Physics, 2018, 123, .	1.1	8
68	Optical properties and antiangiogenic activity of a chalcone derivate. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2018, 204, 685-695.	2.0	16
69	Two-Photon Spectroscopy of Organic Materials. , 2018, , 165-191.		8
70	Sub-wavelength self-organization of chalcogenide glass by direct laser writing. Optical Materials, 2018, 84, 259-262.	1.7	13
71	Fabrication of waveguides by fs-laser micromachining in Dy<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" id="mml6" display="inline" overflow="scroll" altimg="si1.gif"><mml:msup><mml:mrow /><mml:mrow><mml:mn>3</mml:mn><mml:mo>+</mml:mo></mml:mrow></mml:msup></mml:math>/Eu<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" id="mml7" display="inline" overflow="scroll" altimg="si1.gif"><mml:msup><mml:mrow />	1.0	15
72	Nonlinear optical waveguides inscribed by fs-laser in organic crystal for broadband second harmonic generation of UV pulses. Optical Materials, 2018, 83, 229-232.	1.7	8

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73	First Molecular Electronic Hyperpolarizability of Two Oxazoles Dyes in Solution. , 2018, , .		0
74	Nonlinear Features of Femtosecond Laser Written Waveguides in GorillaÂ® Glass. , 2018, , .		0
75	Femtosecond laser fabrication of highâ€‹scp›Q‹/scp› whispering gallery mode microresonators via twoâ€photon polymerization. Journal of Polymer Science, Part B: Polymer Physics, 2017, 55, 569-574.	2.4	18
76	Random laser emission from a Rhodamine B-doped GPTS/TEOS-derived organic/silica monolithic xerogel. Laser Physics Letters, 2017, 14, 065801.	0.6	17
77	Optical microdevices fabricated using femtosecond laser processing (Conference Presentation). , 2017, , .		0
78	Femtosecond-laser direct writing for spatially localized synthesis of PPV. Journal of Materials Chemistry C, 2017, 5, 3579-3584.	2.7	3
79	Revealing the Dynamic of Excited State Proton Transfer of a Ï€-Conjugated Salicylidene Compound: An Experimental and Theoretical Study. Journal of Physical Chemistry C, 2017, 121, 1283-1290.	1.5	26
80	Tetracarboxy-phthalocyanines: From excited state dynamics to photodynamic inactivation against Bovine herpesvirus type 1. Journal of Photochemistry and Photobiology B: Biology, 2017, 175, 1-8.	1.7	15
81	Low threshold Rhodamine-doped whispering gallery mode microlasers fabricated by direct laser writing. Scientific Reports, 2017, 7, 8559.	1.6	22
82	Characterization of the third-order optical nonlinearity spectrum of barium borate glasses. Optical Materials, 2017, 73, 16-19.	1.7	34
83	Highly luminescent silver nanocluster-doped fluorophosphate glasses for microfabrication of 3D waveguides. RSC Advances, 2017, 7, 55935-55944.	1.7	21
84	Hybrid composite material based on polythiophene derivative nanofibers modified with gold nanoparticles for optoelectronics applications. Journal of Materials Science, 2017, 52, 1919-1929.	1.7	38
85	Nonlinear optical spectrum of diamond at femtosecond regime. Scientific Reports, 2017, 7, 14320.	1.6	28
86	Nonlinear optical waveguides in As_2S_3-Ag_2S chalcogenide glass thin films. Optical Materials Express, 2017, 7, 93.	1.6	17
87	Femtosecond Two-Photon Absorption Spectroscopy of Poly(fluorene) Derivatives Containing Benzoselenadiazole and Benzothiadiazole. Materials, 2017, 10, 512.	1.3	9
88	Ultrafast Laser Pulses for Structuring Materials at Micro/Nano Scale: From Waveguides to Superhydrophobic Surfaces. Photonics, 2017, 4, 8.	0.9	30
89	Observation of Distinct Two-Photon Transition Channels in CdTe Quantum Dots in a Regime of Very Strong Confinement. Materials, 2017, 10, 363.	1.3	5
90	Desenvolvimento de um obturador de feixe Ã³ptico utilizando um disco rÃgido de computador. Revista Brasileira De Ensino De Fisica, 2017, 40, .	0.2	2

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91	Fabrication of waveguides in Gorilla Glass with fs-pulses and its nonlinear features (Conference) Tj ETQq1 1 0.784314 rgBT /Overlock		0
92	Femtosecond Laser Patterning of the Biopolymer Chitosan for Biofilm Formation. International Journal of Molecular Sciences, 2016, 17, 1243.	1.8	10
93	Mechanism of the Zn(II)Phthalocyaninesâ€™ Photochemical Reactions Depending on the Number of Substituents and Geometry. Molecules, 2016, 21, 635.	1.7	14
94	Spectral phase transfer from near IR to deep UV by broadband phase-matched four-wave mixing in an argon-filled hollow core waveguide. Journal of Physics B: Atomic, Molecular and Optical Physics, 2016, 49, 195601.	0.6	3
95	Studying the intersystem crossing rate and triplet quantum yield of meso-substituted porphyrins by means of pulse train fluorescence technique. Journal of Porphyrins and Phthalocyanines, 2016, 20, 282-291.	0.4	49
96	Highly nonlinear Pb2P2O7-Nb2O5 glasses for optical fiber production. Journal of Non-Crystalline Solids, 2016, 443, 82-90.	1.5	29
97	Synthesis and two-photon absorption spectrum of fluorenone-based molecules. Chemical Physics Letters, 2016, 661, 143-150.	1.2	10
98	Architecture of lead oxide microcrystals in glass: a laser and etching based method. CrystEngComm, 2016, 18, 5959-5964.	1.3	8
99	Effect of SLM pixelation on two-photon fluorescence by applying an off-centered quadratic spectral phase mask. Laser Physics, 2016, 26, 125402.	0.6	1
100	Excited-State and Two-Photon Absorption in Salicylidene Molecules: The Role of Zn(II) Planarization. Journal of Physical Chemistry C, 2016, 120, 4032-4039.	1.5	17
101	Second- and third-order nonlinear optical properties of unsubstituted and mono-substituted chalcones. Chemical Physics Letters, 2016, 648, 91-96.	1.2	57
102	Label-free oligonucleotide biosensor based on dual-peak long period fiber grating. , 2016, , .		0
103	Local excitation and collection in polymeric fluorescent microstructures. Optical Materials, 2016, 54, 176-180.	1.7	3
104	UV Direct Laser Interference Patterning of polyurethane substrates as tool for tuning its surface wettability. Applied Surface Science, 2016, 374, 222-228.	3.1	22
105	GLASSY MATERIALS AND LIGHT: PART 1. Quimica Nova, 2016, , .	0.3	0
106	GLASSY MATERIALS AND LIGHT: PART 2. Quimica Nova, 2016, , .	0.3	0
107	Laser induced periodic surface structuring on Si by temporal shaped femtosecond pulses. Optics Express, 2015, 23, 27597.	1.7	12
108	Surface Morphology and Structural Modification Induced by Femtosecond Pulses in Hydrogenated Amorphous Silicon Films. Journal of Nanoscience and Nanotechnology, 2015, 15, 2495-2500.	0.9	2

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109	Nonlinear Optical Properties and Femtosecond Laser Micromachining of Special Glasses. Journal of the Brazilian Chemical Society, 2015, , .	0.6	5
110	Single-Walled Carbon Nanotubes Functionalized with Carboxylic Acid for Fabricating Polymeric Composite Microstructures. Journal of Nanoscience and Nanotechnology, 2015, 15, 9797-9801.	0.9	6
111	Investigation of the nonlinear absorption spectrum of all-trans retinoic acid by using the steady and transient two-photon absorption spectroscopy. RSC Advances, 2015, 5, 74531-74538.	1.7	15
112	Experimental and theoretical investigation of the first-order hyperpolarizability of a class of triarylamine derivatives. Journal of Chemical Physics, 2015, 142, 064312.	1.2	25
113	Femtosecond laser ablation of gold interdigitated electrodes for electronic tongues. Optics and Laser Technology, 2015, 69, 148-153.	2.2	11
114	Interpreting the First-Order Electronic Hyperpolarizability for a Series of Octupolar Pushâ€“Pull Triarylamine Molecules Containing Trifluoromethyl. Journal of Physical Chemistry C, 2015, 119, 12589-12597.	1.5	16
115	Femtosecond laser fabrication of waveguides in Rhodamine B-doped GPTS/TEOS-derived organic/silica monolithic xerogel. Optical Materials, 2015, 47, 310-314.	1.7	11
116	Excited-state absorption of meso-tetrasulfonatophenyl porphyrin: Effects of pH and micelles. Optical Materials, 2015, 42, 516-521.	1.7	11
117	Influence of halogen atoms and protonation on the photophysical properties of sulfonated porphyrins. Chemical Physics Letters, 2015, 633, 146-151.	1.2	25
118	Highly hydrophobic hierarchical nanomicro roughness polymer surface created by stamping and laser micromachining. Journal of Applied Polymer Science, 2015, 132, .	1.3	12
119	Waveguides and nonlinear index of refraction of borate glass doped with transition metals. Optical Materials, 2015, 42, 522-525.	1.7	11
120	Single-step synthesis of silver sulfide nanocrystals in arsenic trisulfide. Optical Materials Express, 2015, 5, 1815.	1.6	20
121	Fluorescent PMMA/MEHâ€PPV electrospun nanofibers: Investigation of morphology, solvent, and surfactant effect. Journal of Polymer Science, Part B: Polymer Physics, 2014, 52, 1388-1394.	2.4	30
122	Fabrication of zinc oxide nanowires/polymer composites by twoâ€photon polymerization. Journal of Polymer Science, Part B: Polymer Physics, 2014, 52, 333-337.	2.4	26
123	Characterization of two- and three-photon absorption of polyfluorene derivatives. Journal of Polymer Science, Part B: Polymer Physics, 2014, 52, 747-754.	2.4	12
124	Direct laser writing by two-photon polymerization as a tool for developing microenvironments for evaluation of bacterial growth. Materials Science and Engineering C, 2014, 35, 185-189.	3.8	12
125	Investigation of ground and excited state photophysical properties of gadolinium phthalocyanine. Dyes and Pigments, 2014, 101, 338-343.	2.0	21
126	Interpreting Strong Two-Photon Absorption of PE3 Platinum Acetylide Complex: Double Resonance and Excited State Absorption. ACS Photonics, 2014, 1, 106-113.	3.2	23

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127	Ultrafast third-order optical nonlinearities of heavy metal oxide glasses containing gold nanoparticles. Optical Materials, 2014, 36, 829-832.	1.7	45
128	Understanding the Two-Photon Absorption Spectrum of PE2 Platinum Acetylide Complex. Journal of Physical Chemistry A, 2014, 118, 5608-5613.	1.1	10
129	Metallic nanoparticles grown in the core of femtosecond laser micromachined waveguides. Journal of Applied Physics, 2014, 115, 193507.	1.1	22
130	Microfabrication of electroluminescent polymer for devices construction. Applied Surface Science, 2014, 314, 633-637.	3.1	5
131	Determination of particle size distribution of water-soluble CdTe quantum dots by optical spectroscopy. RSC Advances, 2014, 4, 36024-36030.	1.7	20
132	Femtosecond laser fabrication of waveguides in DR13-doped PMMA. Optics Communications, 2014, 318, 53-56.	1.0	8
133	Femtosecond lasers for processing glassy and polymeric materials. Materials Research, 2014, 17, 352-358.	0.6	10
134	Molecular Structure â€“ Optical Property Relationships for a Series of Non-Centrosymmetric Two-photon Absorbing Push-Pull Triarylamine Molecules. Scientific Reports, 2014, 4, 4447.	1.6	55
135	Fabrication of Microenvironments with Different Geometrical Features for Cell Growth Studies. Journal of Laser Micro Nanoengineering, 2014, 9, 248-251.	0.4	3
136	Enhancement of laser induced Au nanoparticle formation by femtosecond pulse shaping. Laser Physics, 2013, 23, 076004.	0.6	0
137	Nonlinear Optical Properties of Tungsten Leadâ€“Pyrophosphate Glasses Containing Metallic Copper Nanoparticles. Plasmonics, 2013, 8, 1667-1674.	1.8	37
138	Femtosecond laser processing of glassy and polymeric matrices containing metals and semiconductor nanostructures. Optical Materials, 2013, 35, 2643-2648.	1.7	25
139	Excited states absorption spectra of porphyrins â€“ Solvent effects. Chemical Physics Letters, 2013, 587, 118-123.	1.2	33
140	Revealing the Electronic and Molecular Structure of Randomly Oriented Molecules by Polarized Two-Photon Spectroscopy. Journal of Physical Chemistry Letters, 2013, 4, 1753-1759.	2.1	16
141	Two-Photon Absorption of ZnS Quantum Dots: Interpreting the Nonlinear Spectrum. Journal of Physical Chemistry C, 2013, 117, 8530-8535.	1.5	30
142	Effect of interaction with micelles on the excited-state optical properties of zinc porphyrins and J-aggregates formation. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2013, 112, 309-317.	2.0	37
143	Two-Photon Circularâ€“Linear Dichroism of Perylene in Solution: A Theoreticalâ€“Experimental Study. Journal of Physical Chemistry B, 2013, 117, 2742-2747.	1.2	24
144	Design and fabrication of two-dimensional hexagonal photonic crystals with a linear waveguide in erbium doped GeO2-Bi2O3-PbO-TiO2glasses. , 2013, , .		1

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145	Birefringent microstructures fabricated by two-photon polymerization containing an azopolymer. Optical Materials Express, 2013, 3, 21.	1.6	11
146	Enhancing multi-photon induced excitonic emission of ZnO single crystals by shaping fs laser pulses. Laser Physics Letters, 2013, 10, 105403.	0.6	1
147	Femtosecond laser induced synthesis of Au nanoparticles mediated by chitosan. Optics Express, 2012, 20, 518.	1.7	18
148	Polarization effect on the two-photon absorption of a chiral compound. Optics Express, 2012, 20, 18600.	1.7	15
149	Emission features of microstructures fabricated by two-photon polymerization containing three organic dyes. Optical Materials Express, 2012, 2, 1803.	1.6	23
150	Generation of copper nanoparticles induced by fs-laser irradiation in borosilicate glass. Optics Express, 2012, 20, 15106.	1.7	50
151	Indirect doping of microstructures fabricated by two-photon polymerization with gold nanoparticles. Optics Express, 2012, 20, 21107.	1.7	19
152	Temperature Effect on the Two-Photon Absorption Spectrum of All-trans-Î²-carotene. Journal of Physical Chemistry A, 2012, 116, 7033-7038.	1.1	16
153	Experimental and Theoretical Study on the One- and Two-Photon Absorption Properties of Novel Organic Molecules Based on Phenylacetylene and Azoaromatic Moieties. Journal of Physical Chemistry B, 2012, 116, 14677-14688.	1.2	27
154	Effect of Solvent-Induced Coil to Helix Conformational Change on the Two-Photon Absorption Spectrum of Poly(3,6-phenanthrene). Journal of Physical Chemistry B, 2012, 116, 14708-14714.	1.2	15
155	Twoâ€photon excitation and optical limiting in polyfluorene derivatives. Journal of Polymer Science, Part B: Polymer Physics, 2012, 50, 148-153.	2.4	15
156	Study of singlet excited state absorption spectrum of lutetium bisphthalocyanine using the femtosecond Z-scan technique. Chemical Physics Letters, 2012, 531, 173-176.	1.2	34
157	Two-photon absorption in oxazole derivatives: An experimental and quantum chemical study. Optical Materials, 2012, 34, 1013-1018.	1.7	13
158	Femtosecond Laser in Polymeric Materials: Microfabrication of Doped Structures and Micromachining. IEEE Journal of Selected Topics in Quantum Electronics, 2012, 18, 176-186.	1.9	59
159	Linear and Nonlinear Optical Properties of the Thiophene/Phenylene-Based Oligomer and Polymer. Journal of Physical Chemistry B, 2011, 115, 12687-12693.	1.2	29
160	Pulse train fluorescence technique for measuring triplet state dynamics. Optics Express, 2011, 19, 10813.	1.7	23
161	Third-order nonlinear spectra and optical limiting of lead oxifluoroborate glasses. Optics Express, 2011, 19, 17220.	1.7	47
162	Broadband three-photon absorption spectra of platinum acetylide complexes. Optical Materials Express, 2011, 1, 700.	1.6	23

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163	Broadband third-harmonic generation on interfaces using femtosecond pulses. Proceedings of SPIE, 2011, , .	0.8	3
164	COHERENT CONTROL OF GOLD NANOPARTICLES FORMATION. , 2011, , .		0
165	Hydrophobic methacrylic copolymers containing azobenzene moieties. Polymer, 2011, 52, 4703-4708.	1.8	8
166	Dye aggregation and influence of pre-micelles on heterogeneous catalysis: A photophysical approach. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2011, 392, 76-82.	2.3	25
167	Selective excitation through tapered silica fibers of fluorescent two-photon polymerized structures. Applied Physics A: Materials Science and Processing, 2011, 102, 435-439.	1.1	9
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