

Raquel

List of Publications by Year in descending order

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times ranked

1012
citing authors

#	ARTICLE	IF	CITATIONS
1	Inkjet Printing of Functional Materials for Optical and Photonic Applications. <i>Materials</i> , 2016, 9, 910.	1.3	112
2	4 <i>H</i> -Pyran-4-ylidenes: Strong Proaromatic Donors for Organic Nonlinear Optical Chromophores. <i>Journal of Organic Chemistry</i> , 2009, 74, 6647-6657.	1.7	86
3	Bent-core liquid crystals in a route to efficient organic nonlinear optical materials. <i>Journal of Materials Chemistry</i> , 2010, 20, 2965.	6.7	68
4	Aromatic/Proaromatic Donors in 2- <i>H</i> -Dicyanomethylenethiazole Merocyanines: From Neutral to Strongly Zwitterionic Nonlinear Optical Chromophores. <i>Chemistry - A European Journal</i> , 2011, 17, 826-838.	1.7	64
5	Linear and V-Shaped Nonlinear Optical Chromophores with Multiple 4 <i>H</i> -Pyran-4-ylidene Moieties. <i>Journal of Organic Chemistry</i> , 2010, 75, 1684-1692.	1.7	61
6	Electronic, Optical, and Vibrational Properties of Bridged Dithienylethylene-Based NLO Chromophores. <i>Journal of Physical Chemistry C</i> , 2008, 112, 3109-3120.	1.5	48
7	Iminium Salts of 1,2-Dithiafulvenylpolyenals: An Easy Entry to the Corresponding Aldehydes and Doubly Proaromatic Nonlinear Optic-phores. <i>Journal of Organic Chemistry</i> , 2008, 73, 5890-5898.	1.7	39
8	Synthesis, Characterization, and Optical Properties of 4 <i>H</i> -Pyran-4-ylidene Donor-Based Chromophores: The Relevance of the Location of a Thiophene Ring in the Spacer. <i>Journal of Organic Chemistry</i> , 2012, 77, 4634-4644.	1.7	34
9	Decreased Optical Nonlinearities upon CF ₃ Substitution on Tricyanofuran Acceptors. <i>Organic Letters</i> , 2008, 10, 4963-4966.	2.4	32
10	New one- and two-dimensional 4 <i>H</i> -pyran-4-ylidene NLO-phores. <i>Tetrahedron Letters</i> , 2009, 50, 2920-2924.	0.7	29
11	Synthesis and Electrochemical and Theoretical Studies of V-Shaped Donor-Acceptor Hexaazatriphenylene Derivatives for Second Harmonic Generation. <i>Journal of Organic Chemistry</i> , 2010, 75, 7542-7549.	1.7	26
12	Efficient second-order nonlinear optical chromophores based on dithienothiophene and thienothiophene bridges. <i>Tetrahedron</i> , 2013, 69, 3919-3926.	1.0	25
13	Synthesis and nonlinear optical properties of side chain liquid crystalline polymers containing azobenzene push-pull chromophores. <i>Journal of Polymer Science Part A</i> , 2010, 48, 232-242.	2.5	23
14	Understanding Optoelectronic Properties of Cyano-Terminated Oligothiophenes in the Context of Intramolecular Charge Transfer. <i>Journal of Physical Chemistry B</i> , 2011, 115, 10573-10585.	1.2	23
15	Synthesis, characterization, and optical properties of novel 1,3-dithiole donor-based chromophores. <i>RSC Advances</i> , 2013, 3, 2953.	1.7	19
16	Isophorone- and pyran-containing NLO-chromophores: a comparative study. <i>Tetrahedron Letters</i> , 2010, 51, 3662-3665.	0.7	18
17	Benzothiazolium- <i>H</i> -thiazole-dicyanomethanides: new nonlinear optical chromophores. <i>Tetrahedron Letters</i> , 2010, 51, 6863-6866.	0.7	13
18	New Results on the Correlation Molecular Architecture-Melt Elasticity-Blowing Process-Film Properties for Conventional and Metallocene-Catalyzed Polyethylenes. <i>Macromolecular Materials and Engineering</i> , 2006, 291, 670-676.	1.7	12

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19	Photoacid catalyzed organic-inorganic hybrid inks for the manufacturing of inkjet-printed photonic devices. <i>Journal of Materials Chemistry C</i> , 2018, 6, 3882-3894.	2.7	10
20	Optical Planar Waveguide Sensor with Integrated Digitally-Printed Light Coupling-in and Readout Elements. <i>Sensors</i> , 2019, 19, 2856.	2.1	8
21	Synthesis and nonlinear optical properties of chromophores for photorefractive polymer materials. <i>Tetrahedron</i> , 2009, 65, 4513-4520.	1.0	7
22	Matrix Order Influence on the Nonlinear Optical Properties of Dispersed Chromophore-Azopolymer Systems. <i>Macromolecular Chemistry and Physics</i> , 2012, 213, 776-783.	1.1	7
23	Digital Luminescence Patterning via Inkjet Printing of a Photoacid Catalysed Organic-Inorganic Hybrid Formulation. <i>Polymers</i> , 2019, 11, 430.	2.0	6
24	Binary and Ternary mLLDPE Blends: Tailoring Their Properties Using Complex Viscosity Measurements. <i>Macromolecular Materials and Engineering</i> , 2005, 290, 704-709.	1.7	3
25	Tailoring Linear and Nonlinear Optical Properties of a Side-Chain Liquid Crystalline Azo-Polymethacrylate. <i>Macromolecular Chemistry and Physics</i> , 2010, 211, 2218-2225.	1.1	2
26	NLO properties of dithienothiophene-based chromophores: a comparison study between the donor/donor and donor/acceptor substitution patterns. , 2007, , .		1
27	Nonlinear Optical Molecular Response. <i>Springer Theses</i> , 2013, , 67-90.	0.0	0