Alberto Barsella

List of Publications by Year
in descending order

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21	804	567281 15	713466 21
papers	citations	h-index	g-index

21	21	21	805
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Synthesis and Photophysical Investigation of a Series of Pushâ€“Pull Arylvinyldiazine Chromophores. Journal of Organic Chemistry, 2012, 77, 4087-4096.	3.2	137
2	Thiazole azo dyes with lateral donor branch: Synthesis, structure and second order NLO properties. Dyes and Pigments, 2013, 96, 45-51.	3.7	82
3	Dipolar NLO Chromophores Bearing Diazine Rings as Ï€-Conjugated Linkers. Journal of Organic Chemistry, 2017, 82, 9435-9451.	3.2	76
4	BODIPYâ€Bridged Pushâ€“Pull Chromophores for Nonlinear Optical Applications. ChemPhysChem, 2014, 15, 2693-2700.	2.1	71
5	Incorporation of a ferrocene unit in the Ï€-conjugated structure of donor-linker-acceptor (D-Ï€-A) chromophores for nonlinear optics (NLO). Dyes and Pigments, 2018, 155, 68-74.	3.7	47
6	Synthesis, Photophysics and Nonlinear Optical Properties of Stilbenoid Pyrimidineâ€Based Dyes Bearing Methylenepyran Donor Groups. ChemPhysChem, 2013, 14, 2725-2736.	2.1	46
7	Donorâ€“linkerâ€“acceptor (Dâ€“Ï€â€“A) diazine chromophores with extended Ï€-conjugated cores: synthesis, photophysical and second order nonlinear optical properties. RSC Advances, 2015, 5, 39218-39227.	3.6	46
8	Pushâ€“pull Dâ€“Ï€-Ruâ€“Ï€-A chromophores: synthesis and electrochemical, photophysical and second-order nonlinear optical properties. Dalton Transactions, 2018, 47, 3965-3975.	3.3	41
9	Methylenepyran based dipolar and quadrupolar dyes: synthesis, electrochemical and photochemical properties. Tetrahedron, 2013, 69, 8392-8399.	1.9	39
10	Incorporation of a platinum center in the pi-conjugated core of pushâ€“pull chromophores for nonlinear optics (NLO). Dalton Transactions, 2017, 46, 3059-3069.	3.3	39
11	Improvement of the quadratic non-linear optical properties of pyrimidine chromophores by N-methylation and tungsten pentacarbonyl complexation. Dyes and Pigments, 2015, 113, 562-570.	3.7	35
12	Styryl-based NLO chromophores: synthesis, spectroscopic properties, and theoretical calculations. Tetrahedron Letters, 2015, 56, 2586-2589.	1.4	27
13	Proaromatic pyranylidene chalcogen analogues and cyclopenta[c]thiophen-4,6-dione as electron donors and acceptor in efficient charge-transfer chromophores. Dyes and Pigments, 2016, 134, 129-138.	3.7	26
14	Triphenylamine-based allylidenemalononitrile chromophores: synthesis, and photophysical and second-order nonlinear optical properties. New Journal of Chemistry, 2018, 42, 15052-15060.	2.8	22
15	Synthesis, photophysical and nonlinear optical properties of [1,2,5]oxadiazolo[3,4-b]pyrazine-based linear push-pull systems. Journal of Photochemistry and Photobiology A: Chemistry, 2021, 404, 112900.	3.9	20
16	Electronâ€Withdrawing Substituted Quinazoline Pushâ€Pull Chromophores: Synthesis, Electrochemical, Photophysical and Secondâ€Order Nonlinear Optical Properties. European Journal of Organic Chemistry, 2020, 2020, 5445-5454.	2.4	13
17	Indole based push-pull dyes bearing azo and dimethine: Synthesis, spectroscopic, NLO, anion affinity properties and thermal characterization. Journal of Photochemistry and Photobiology A: Chemistry, 2020, 402, 112818.	3.9	13
18	Pushâ€“Pull Derivatives Based on 2,4â€²-Biphenylene Linker with Quinoxaline, [1,2,5]Oxadiazolo[3,4-B]Pyrazine and [1,2,5]Thiadiazolo[3,4-B]Pyrazine Electron Withdrawing Parts. Molecules, 2022, 27, 4250.	3.8	12

#	Article	IF	Citations
19	Photonic Excitation of a Micromechanical Cantilever in Electrostatic Fields. Physical Review Letters, 2020, 125, 254301.	7.8	6
20	Styryl-based new organic chromophores bearing free amino and azomethine groups: synthesis, photophysical, NLO, and thermal properties. Beilstein Journal of Organic Chemistry, 2020, 16, 2282-2296.	2.2	4
21	Photothermal Plasmonic Actuation of Micromechanical Cantilever Beams. Physical Review Applied, 2021, 15, .	3.8	2