

# Alberto Barsella

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Push-Pull Derivatives Based on 2,4-Biphenylene Linker with Quinoxaline, [1,2,5]Oxadiazolo[3,4-B]Pyrazine and [1,2,5]Thiadiazolo[3,4-B]Pyrazine Electron Withdrawing Parts. <i>Molecules</i> , 2022, 27, 4250.	3.8	12
2	Synthesis, photophysical and nonlinear optical properties of [1,2,5]oxadiazolo[3,4-b]pyrazine-based linear push-pull systems. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2021, 404, 112900.	3.9	20
3	Photothermal Plasmonic Actuation of Micromechanical Cantilever Beams. <i>Physical Review Applied</i> , 2021, 15, .	3.8	2
4	Styryl-based new organic chromophores bearing free amino and azomethine groups: synthesis, photophysical, NLO, and thermal properties. <i>Beilstein Journal of Organic Chemistry</i> , 2020, 16, 2282-2296.	2.2	4
5	Electron-Withdrawing Substituted Quinoxaline Push-Pull Chromophores: Synthesis, Electrochemical, Photophysical and Second-Order Nonlinear Optical Properties. <i>European Journal of Organic Chemistry</i> , 2020, 2020, 5445-5454.	2.4	13
6	Indole based push-pull dyes bearing azo and dimethine: Synthesis, spectroscopic, NLO, anion affinity properties and thermal characterization. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2020, 402, 112818.	3.9	13
7	Photonic Excitation of a Micromechanical Cantilever in Electrostatic Fields. <i>Physical Review Letters</i> , 2020, 125, 254301.	7.8	6
8	Push-pull Ru-A chromophores: synthesis and electrochemical, photophysical and second-order nonlinear optical properties. <i>Dalton Transactions</i> , 2018, 47, 3965-3975.	3.3	41
9	Incorporation of a ferrocene unit in the $\pi$ -conjugated structure of donor-linker-acceptor (D- $\pi$ -A) chromophores for nonlinear optics (NLO). <i>Dyes and Pigments</i> , 2018, 155, 68-74.	3.7	47
10	Triphenylamine-based allylidene malononitrile chromophores: synthesis, and photophysical and second-order nonlinear optical properties. <i>New Journal of Chemistry</i> , 2018, 42, 15052-15060.	2.8	22
11	Incorporation of a platinum center in the $\pi$ -conjugated core of push-pull chromophores for nonlinear optics (NLO). <i>Dalton Transactions</i> , 2017, 46, 3059-3069.	3.3	39
12	Dipolar NLO Chromophores Bearing Diazine Rings as $\pi$ -Conjugated Linkers. <i>Journal of Organic Chemistry</i> , 2017, 82, 9435-9451.	3.2	76
13	Proaromatic pyranilidene chalcogen analogues and cyclopenta[ c ]thiophen-4,6-dione as electron donors and acceptor in efficient charge-transfer chromophores. <i>Dyes and Pigments</i> , 2016, 134, 129-138.	3.7	26
14	Styryl-based NLO chromophores: synthesis, spectroscopic properties, and theoretical calculations. <i>Tetrahedron Letters</i> , 2015, 56, 2586-2589.	1.4	27
15	Donor-linker-acceptor (D- $\pi$ -A) diazine chromophores with extended $\pi$ -conjugated cores: synthesis, photophysical and second order nonlinear optical properties. <i>RSC Advances</i> , 2015, 5, 39218-39227.	3.6	46
16	Improvement of the quadratic non-linear optical properties of pyrimidine chromophores by N-methylation and tungsten pentacarbonyl complexation. <i>Dyes and Pigments</i> , 2015, 113, 562-570.	3.7	35
17	BODIPY-Bridged Push-Pull Chromophores for Nonlinear Optical Applications. <i>ChemPhysChem</i> , 2014, 15, 2693-2700.	2.1	71
18	Synthesis, Photophysics and Nonlinear Optical Properties of Stilbenoid Pyrimidine-Based Dyes Bearing Methylene-pyran Donor Groups. <i>ChemPhysChem</i> , 2013, 14, 2725-2736.	2.1	46

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19	Methylenepyran based dipolar and quadropolar dyes: synthesis, electrochemical and photochemical properties. <i>Tetrahedron</i> , 2013, 69, 8392-8399.	1.9	39
20	Thiazole azo dyes with lateral donor branch: Synthesis, structure and second order NLO properties. <i>Dyes and Pigments</i> , 2013, 96, 45-51.	3.7	82
21	Synthesis and Photophysical Investigation of a Series of Push-Pull Arylvinyldiazine Chromophores. <i>Journal of Organic Chemistry</i> , 2012, 77, 4087-4096.	3.2	137