

Eduardo Peñ±a-Cabrera

List of Publications by Year in descending order

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44
papers

2,632
citations

279798

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docs citations

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times ranked

3123
citing authors

#	ARTICLE	IF	CITATIONS
1	Twisted Intramolecular Charge Transfer and Aggregation-Induced Emission of BODIPY Derivatives. <i>Journal of Physical Chemistry C</i> , 2009, 113, 15845-15853.	3.1	856
2	The Smallest and One of the Brightest. Efficient Preparation and Optical Description of the Parent Borondipyrromethene System. <i>Journal of Organic Chemistry</i> , 2009, 74, 5719-5722.	3.2	156
3	New 8-Amino-BODIPY Derivatives: Surpassing Laser Dyes at Blue-Edge Wavelengths. <i>Chemistry - A European Journal</i> , 2011, 17, 7261-7270.	3.3	141
4	Novel <i>meso</i> -Polyarylamine-BODIPY Hybrids: Synthesis and Study of Their Optical Properties. <i>Journal of Organic Chemistry</i> , 2009, 74, 2053-2058.	3.2	126
5	8-PropargylaminoBODIPY: unprecedented blue-emitting pyrromethene dye. Synthesis, photophysics and laser properties. <i>Chemical Communications</i> , 2010, 46, 5103.	4.1	121
6	Simple, General, and Efficient Synthesis of Meso-Substituted Borondipyrromethenes from a Single Platform. <i>Organic Letters</i> , 2007, 9, 3985-3988.	4.6	119
7	Development of background-free tame fluorescent probes for intracellular live cell imaging. <i>Nature Communications</i> , 2016, 7, 11964.	12.8	92
8	3- and 5-Functionalized BODIPYs via the Liebeskind-Srogl reaction. <i>Organic and Biomolecular Chemistry</i> , 2009, 7, 34-36.	2.8	87
9	8-AminoBODIPYs: Cyanines or Hemicyanines? The Effect of the Coplanarity of the Amino Group on Their Optical Properties. <i>Journal of Organic Chemistry</i> , 2012, 77, 5434-5438.	3.2	80
10	Modulation of singlet oxygen generation in halogenated BODIPY dyes by substitution at their meso position: towards a solvent-independent standard in the vis region. <i>RSC Advances</i> , 2016, 6, 41991-41998.	3.6	80
11	Modulation of the photophysical properties of BODIPY dyes by substitution at their meso position.. <i>RSC Advances</i> , 2011, 1, 677.	3.6	62
12	Blue-to-Orange Color-Tunable Laser Emission from Tailored Boron-Dipyrromethene Dyes. <i>ChemPhysChem</i> , 2013, 14, 4134-4142.	2.1	59
13	8-Alkoxy- and 8-Aryloxy-BODIPYs: Straightforward Fluorescent Tagging of Alcohols and Phenols. <i>Journal of Organic Chemistry</i> , 2013, 78, 5867-5877.	3.2	55
14	8-Alkenylborondipyrromethene dyes. General synthesis, optical properties, and preliminary study of their reactivity. <i>Tetrahedron</i> , 2011, 67, 7244-7250.	1.9	53
15	8-Amino-BODIPYs: Structural Variation, Solvent-Dependent Emission, and VT NMR Spectroscopic Properties of 8-R ₂ -N-BODIPY. <i>Journal of Organic Chemistry</i> , 2013, 78, 4245-4250.	3.2	52
16	Near-IR BODIPY Dyes À la Carte” Programmed Orthogonal Functionalization of Rationally Designed Building Blocks. <i>Chemistry - A European Journal</i> , 2016, 22, 1048-1061.	3.3	45
17	Reaction of Amines with 8-MethylthioBODIPY: Dramatic Optical and Laser Response to Amine Substitution. <i>Chemistry - an Asian Journal</i> , 2013, 8, 2691-2700.	3.3	36
18	Scope and Limitations of the Liebeskind-Srogl Cross-Coupling Reactions Involving the Biellmann BODIPY. <i>Journal of Organic Chemistry</i> , 2015, 80, 5771-5782.	3.2	36

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19	Synthetic Approach to Readily Accessible Benzofuran-Fused Borondipyrromethenes as Red-Emitting Laser Dyes. <i>Journal of Organic Chemistry</i> , 2019, 84, 2523-2541.	3.2	31
20	Selective Cross-Couplings. Sequential Stille [~] Liebeskind/Srogl Reactions of 3-Chloro-4-arylthiocyclobutene-1,2-dione. <i>Organic Letters</i> , 2007, 9, 4163-4166.	4.6	29
21	Synthesis, structural characterization, and spectroscopic properties of the <i>ortho</i> , <i>meta</i> , and <i>para</i> isomers of 8-(HOCH ₂ -C ₆ H ₄)-BODIPY and 8-(MeOC ₆ H ₄)-BODIPY. <i>Journal of Physical Organic Chemistry</i> , 2013, 26, 345-351.	1.9	29
22	FormylBODIPYs: Privileged Building Blocks for Multicomponent Reactions. The Case of the Passerini Reaction. <i>Journal of Organic Chemistry</i> , 2016, 81, 2888-2898.	3.2	28
23	A palette of background-free tame fluorescent probes for intracellular multi-color labelling in live cells. <i>Chemical Science</i> , 2018, 9, 2376-2383.	7.4	27
24	Convenient Access to Carbohydrate-BODIPY Hybrids by Two Complementary Methods Involving One-Pot Assembly of Clickable-BODIPY Dyes. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 5659-5663.	2.4	25
25	Straightforward Synthetic Protocol for the Introduction of Stabilized Nucleophiles in the BODIPY Core for Advanced Sensing and Photonic Applications. <i>Chemistry - A European Journal</i> , 2015, 21, 1755-1764.	3.3	22
26	Development of a Fluorescent Bodipy Probe for Visualization of the Serotonin 5-HT _{1A} Receptor in Native Cells of the Immune System. <i>Bioconjugate Chemistry</i> , 2018, 29, 2021-2027.	3.6	21
27	Unprecedented one-pot sequential thiolate substitutions under mild conditions leading to a red emissive BODIPY dye 3,5,8-tris(PhS)-BODIPY. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 995-999.	2.8	18
28	Fully Functionalizable ^{1,2} -BODIPY Dimer: Synthesis, Structure, and Photophysical Signatures. <i>Journal of Organic Chemistry</i> , 2018, 83, 10186-10196.	3.2	17
29	Polyenals and Polyenones in Aminocatalysis: A Decade Building Complex Frameworks from Simple Blocks. <i>European Journal of Organic Chemistry</i> , 2020, 2020, 6044-6061.	2.4	17
30	BODIPY as electron withdrawing group for the activation of double bonds in asymmetric cycloaddition reactions. <i>Chemical Science</i> , 2019, 10, 4346-4351.	7.4	16
31	Sulfone derivatives enter the cytoplasm of <i>Candida albicans</i> sessile cells. <i>European Journal of Medicinal Chemistry</i> , 2020, 191, 112139.	5.5	15
32	Mechanochemically Activated Liebeskind-Srogl (L-S) Cross-Coupling Reaction: Green Synthesis of meso-Substituted BODIPYs. <i>Organometallics</i> , 2020, 39, 2561-2564.	2.3	12
33	Synthesis, Properties, and Functionalization of Nonsymmetric ⁸ -MethylthioBODIPYs. <i>European Journal of Organic Chemistry</i> , 2016, 2016, 5009-5023.	2.4	11
34	Structure and Conformational Studies of Aza-Crown ⁸ -Amino-BODIPY Derivatives: Influence of Steric Hindrance on Their Photophysical Properties. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 6283-6290.	2.4	9
35	Synthesis, Photophysical Study, and Biological Application Analysis of Complex Borondipyrromethene Dyes. <i>ACS Omega</i> , 2018, 3, 7783-7797.	3.5	9
36	Concentration depending fluorescence of 8-(di-(2-picoyl))aminoBODIPY in solution. <i>Tetrahedron</i> , 2014, 70, 3735-3739.	1.9	7

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37	A versatile synthetic approach to design tailor-made push-pull chromophores with intriguing and tunable photophysical signatures. <i>Dyes and Pigments</i> , 2017, 147, 246-259.	3.7	7
38	Mechanochemistry as a Sustainable Method for the Preparation of Fluorescent Ugi BODIPY Adducts. <i>European Journal of Organic Chemistry</i> , 2021, 2021, 253-265.	2.4	7
39	Effect of the substituents of new coumarin-imidazo[1,2- <i>a</i>]heterocyclic-3-acrylate derivatives on nonlinear optical properties: a combined experimental-theoretical approach. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 22466-22475.	2.8	5
40	A Palette of Efficient and Stable Far-Red and NIR Dye Lasers. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 6206.	2.5	4
41	Organocatalytic Cascade Reactions for the Diversification of Thiopyrano-Piperidone Fused Rings Utilizing Trienamine Activation. <i>Chemistry - A European Journal</i> , 2021, 27, 618-621.	3.3	4
42	Ready Access to Molecular Rotors Based on Boron Dipyrromethene Dyes-Coumarin Dyads Featuring Broadband Absorption. <i>Molecules</i> , 2020, 25, 781.	3.8	3
43	Alkynyl Fischer Carbenes as a Platform for the Production of Difluorodiazaborinine Complexes via β -Aminoazadienes. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 6571-6578.	2.4	2
44	Formation of 8-RS-BODIPYs via direct substitution of 8-MeS-BODIPY by RSH (R = Et, Pr, Bu, tBu, n-C ₁₂ H ₂₅), <i>Tetrahedron Letters</i> , 2011, 52, 1111-1114.	1.1	1