

# Eduardo Pea-Cabrera

## List of Publications by Citations

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44  
papers

2,183  
citations

21  
h-index

45  
g-index

45  
ext. papers

2,443  
ext. citations

4.4  
avg, IF

4.38  
L-index

#	Paper	IF	Citations
44	Twisted Intramolecular Charge Transfer and Aggregation-Induced Emission of BODIPY Derivatives. <i>Journal of Physical Chemistry C</i> , <b>2009</b> , 113, 15845-15853	3.8	699
43	The smallest and one of the brightest. Efficient preparation and optical description of the parent borondipyrromethene system. <i>Journal of Organic Chemistry</i> , <b>2009</b> , 74, 5719-22	4.2	133
42	New 8-amino-BODIPY derivatives: surpassing laser dyes at blue-edge wavelengths. <i>Chemistry - A European Journal</i> , <b>2011</b> , 17, 7261-70	4.8	124
41	Novel meso-polyarylamine-BODIPY hybrids: synthesis and study of their optical properties. <i>Journal of Organic Chemistry</i> , <b>2009</b> , 74, 2053-8	4.2	113
40	8-PropargylaminoBODIPY: unprecedented blue-emitting pyrromethene dye. Synthesis, photophysics and laser properties. <i>Chemical Communications</i> , <b>2010</b> , 46, 5103-5	5.8	111
39	Simple, general, and efficient synthesis of meso-substituted borondipyrromethenes from a single platform. <i>Organic Letters</i> , <b>2007</b> , 9, 3985-8	6.2	108
38	3- and 5-Functionalized BODIPYs via the Liebeskind-Srogl reaction. <i>Organic and Biomolecular Chemistry</i> , <b>2009</b> , 7, 34-6	3.9	83
37	8-AminoBODIPYs: cyanines or hemicyanines? The effect of the coplanarity of the amino group on their optical properties. <i>Journal of Organic Chemistry</i> , <b>2012</b> , 77, 5434-8	4.2	72
36	Development of background-free tame fluorescent probes for intracellular live cell imaging. <i>Nature Communications</i> , <b>2016</b> , 7, 11964	17.4	70
35	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> , <b>2016</b> , 6, 41991-41998	2.7	58
34	Modulation of the photophysical properties of BODIPY dyes by substitution at their meso position.. <i>RSC Advances</i> , <b>2011</b> , 1, 677	3.7	53
33	8-Alkoxy- and 8-aryloxy-BODIPYs: straightforward fluorescent tagging of alcohols and phenols. <i>Journal of Organic Chemistry</i> , <b>2013</b> , 78, 5867-77	4.2	51
32	8-Alkenylborondipyrromethene dyes. General synthesis, optical properties, and preliminary study of their reactivity. <i>Tetrahedron</i> , <b>2011</b> , 67, 7244-7250	2.4	50
31	Blue-to-orange color-tunable laser emission from tailored boron-dipyrromethene dyes. <i>ChemPhysChem</i> , <b>2013</b> , 14, 4134-42	3.2	49
30	8-Amino-BODIPYs: structural variation, solvent-dependent emission, and VT NMR spectroscopic properties of 8-R <sub>2</sub> N-BODIPY. <i>Journal of Organic Chemistry</i> , <b>2013</b> , 78, 4245-50	4.2	48
29	Near-IR BODIPY Dyes $\square$ la Carte-Programmed Orthogonal Functionalization of Rationally Designed Building Blocks. <i>Chemistry - A European Journal</i> , <b>2016</b> , 22, 1048-61	4.8	41
28	Scope and Limitations of the Liebeskind-Srogl Cross-Coupling Reactions Involving the Biellmann BODIPY. <i>Journal of Organic Chemistry</i> , <b>2015</b> , 80, 5771-82	4.2	31

27	Reaction of amines with 8-methylthioBODIPY: dramatic optical and laser response to amine substitution. <i>Chemistry - an Asian Journal</i> , <b>2013</b> , 8, 2691-700	4.5	30
26	Synthesis, structural characterization, and spectroscopic properties of the ortho, meta, and para isomers of 8-(HOCH <sub>2</sub> -C <sub>6</sub> H <sub>4</sub> )-BODIPY and 8-(MeOC <sub>6</sub> H <sub>4</sub> )-BODIPY. <i>Journal of Physical Organic Chemistry</i> , <b>2013</b> , 26, 345-351	2.1	25
25	Selective cross-couplings. Sequential Stille-Liebeskind/Srogl reactions of 3-chloro-4-arylthiocyclobutene-1,2-dione. <i>Organic Letters</i> , <b>2007</b> , 9, 4163-6	6.2	25
24	FormylBODIPYs: Privileged Building Blocks for Multicomponent Reactions. The Case of the Passerini Reaction. <i>Journal of Organic Chemistry</i> , <b>2016</b> , 81, 2888-98	4.2	24
23	Convenient Access to CarbohydrateBODIPY Hybrids by Two Complementary Methods Involving One-Pot Assembly of ClickableBODIPY Dyes. <i>European Journal of Organic Chemistry</i> , <b>2014</b> , 2014, 5659-5663	3.2	20
22	Synthetic Approach to Readily Accessible Benzofuran-Fused Borondipyrromethenes as Red-Emitting Laser Dyes. <i>Journal of Organic Chemistry</i> , <b>2019</b> , 84, 2523-2541	4.2	19
21	Straightforward synthetic protocol for the introduction of stabilized C nucleophiles in the BODIPY core for advanced sensing and photonic applications. <i>Chemistry - A European Journal</i> , <b>2015</b> , 21, 1755-64	4.8	18
20	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> , <b>2015</b> , 13, 995-9	3.9	15
19	A palette of background-free tame fluorescent probes for intracellular multi-color labelling in live cells. <i>Chemical Science</i> , <b>2018</b> , 9, 2376-2383	9.4	15
18	BODIPY as electron withdrawing group for the activation of double bonds in asymmetric cycloaddition reactions. <i>Chemical Science</i> , <b>2019</b> , 10, 4346-4351	9.4	13
17	Development of a Fluorescent Bodipy Probe for Visualization of the Serotonin 5-HT Receptor in Native Cells of the Immune System. <i>Bioconjugate Chemistry</i> , <b>2018</b> , 29, 2021-2027	6.3	12
16	Fully Functionalizable $\mu$ BODIPY Dimer: Synthesis, Structure, and Photophysical Signatures. <i>Journal of Organic Chemistry</i> , <b>2018</b> , 83, 10186-10196	4.2	12
15	Synthesis, Properties, and Functionalization of Nonsymmetric 8-MethylthioBODIPYs. <i>European Journal of Organic Chemistry</i> , <b>2016</b> , 2016, 5009-5023	3.2	8
14	Mechanochemically Activated LiebeskindSrogl (L-S) Cross-Coupling Reaction: Green Synthesis of meso-Substituted BODIPYs. <i>Organometallics</i> , <b>2020</b> , 39, 2561-2564	3.8	7
13	Synthesis, Photophysical Study, and Biological Application Analysis of Complex Borondipyrromethene Dyes. <i>ACS Omega</i> , <b>2018</b> , 3, 7783-7797	3.9	7
12	Concentration depending fluorescence of 8-(di-(2-picolyl))aminoBODIPY in solution. <i>Tetrahedron</i> , <b>2014</b> , 70, 3735-3739	2.4	7
11	A versatile synthetic approach to design tailor-made push-pull chromophores with intriguing and tunable photophysical signatures. <i>Dyes and Pigments</i> , <b>2017</b> , 147, 246-259	4.6	6
10	Sulfone derivatives enter the cytoplasm of <i>Candida albicans</i> sessile cells. <i>European Journal of Medicinal Chemistry</i> , <b>2020</b> , 191, 112139	6.8	6

9	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> , <b>2017</b> , 2017, 6283-6290	3.2	5
8	Polyenals and Polyenones in Aminocatalysis: A Decade Building Complex Frameworks from Simple Blocks. <i>European Journal of Organic Chemistry</i> , <b>2020</b> , 2020, 6044-6061	3.2	4
7	Organocatalytic Cascade Reactions for the Diversification of Thiopyrano-Piperidone Fused Rings Utilizing Trienamine Activation. <i>Chemistry - A European Journal</i> , <b>2021</b> , 27, 618-621	4.8	4
6	Mechanochemistry as a Sustainable Method for the Preparation of Fluorescent Ugi BODIPY Adducts. <i>European Journal of Organic Chemistry</i> , <b>2021</b> , 2021, 253-265	3.2	4
5	Ready Access to Molecular Rotors Based on Boron Dipyrromethene Dyes-Coumarin Dyads Featuring Broadband Absorption. <i>Molecules</i> , <b>2020</b> , 25,	4.8	1
4	Formation of 8-RS-BODIPYs via direct substitution of 8-MeS-BODIPY by RSH (R = Et, Pr, Bu, tBu, n-C <sub>12</sub> H <sub>25</sub> , C <sub>6</sub> H <sub>5</sub> , p-MeC <sub>6</sub> H <sub>4</sub> , p-MeOC <sub>6</sub> H <sub>4</sub> , and 2,6-Me <sub>2</sub> C <sub>6</sub> H <sub>3</sub> ). <i>Canadian Journal of Chemistry</i> , <b>2016</b> , 94, 234-239	0.9	1
3	Effect of the substituents of new coumarin-imidazo[1,2-]heterocyclic-3-acrylate derivatives on nonlinear optical properties: a combined experimental-theoretical approach. <i>Physical Chemistry Chemical Physics</i> , <b>2021</b> , 23, 22466-22475	3.6	1
2	A Palette of Efficient and Stable Far-Red and NIR Dye Lasers. <i>Applied Sciences (Switzerland)</i> , <b>2020</b> , 10, 6206	2.6	0
1	Alkynyl Fischer Carbenes as a Platform for the Production of Difluorodiazaborinine Complexes via $\beta$ -Amino-azadienes. <i>European Journal of Organic Chemistry</i> , <b>2019</b> , 2019, 6571-6578	3.2	