

# Eduardo Peñ±a-Cabrera

## List of Publications by Year in descending order

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Version: 2024-02-01

44  
papers

2,632  
citations

279487

23  
h-index

243296

44  
g-index

45  
all docs

45  
docs citations

45  
times ranked

3123  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Organocatalytic Cascade Reactions for the Diversification of Thiopyrano-Piperidone Fused Rings Utilizing Trienamine Activation. <i>Chemistry - A European Journal</i> , 2021, 27, 618-621.   | 1.7 | 4         |
| 2  | Mechanochemistry as a Sustainable Method for the Preparation of Fluorescent Ugi BODIPY Adducts. <i>European Journal of Organic Chemistry</i> , 2021, 2021, 253-265.  | 1.2 | 7         |
| 3  | 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. | 1.3 | 5         |
| 4  | Sulfone derivatives enter the cytoplasm of <i>Candida albicans</i> sessile cells. <i>European Journal of Medicinal Chemistry</i> , 2020, 191, 112139.  | 2.6 | 15        |
| 5  | A Palette of Efficient and Stable Far-Red and NIR Dye Lasers. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 6206.  | 1.3 | 4         |
| 6  | Polyenals and Polyenones in Aminocatalysis: A Decade Building Complex Frameworks from Simple Blocks. <i>European Journal of Organic Chemistry</i> , 2020, 2020, 6044-6061.   | 1.2 | 17        |
| 7  | Ready Access to Molecular Rotors Based on Boron Dipyrromethene Dyes-Coumarin Dyads Featuring Broadband Absorption. <i>Molecules</i> , 2020, 25, 781.   | 1.7 | 3         |
| 8  | Mechanochemically Activated Liebeskind-Srogl (L-S) Cross-Coupling Reaction: Green Synthesis of meso-Substituted BODIPYs. <i>Organometallics</i> , 2020, 39, 2561-2564.   | 1.1 | 12        |
| 9  | Alkynyl Fischer Carbenes as a Platform for the Production of Difluorodiazaborinine Complexes via $\eta^2$ -Aminoazadienes. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 6571-6578.   | 1.2 | 2         |
| 10 | Synthetic Approach to Readily Accessible Benzofuran-Fused Borondipyrromethenes as Red-Emitting Laser Dyes. <i>Journal of Organic Chemistry</i> , 2019, 84, 2523-2541.  | 1.7 | 31        |
| 11 | BODIPY as electron withdrawing group for the activation of double bonds in asymmetric cycloaddition reactions. <i>Chemical Science</i> , 2019, 10, 4346-4351.  | 3.7 | 16        |
| 12 | A palette of background-free tame fluorescent probes for intracellular multi-color labelling in live cells. <i>Chemical Science</i> , 2018, 9, 2376-2383.  | 3.7 | 27        |
| 13 | Synthesis, Photophysical Study, and Biological Application Analysis of Complex Borondipyrromethene Dyes. <i>ACS Omega</i> , 2018, 3, 7783-7797.  | 1.6 | 9         |
| 14 | Development of a Fluorescent Bodipy Probe for Visualization of the Serotonin 5-HT <sub>1A</sub> Receptor in Native Cells of the Immune System. <i>Bioconjugate Chemistry</i> , 2018, 29, 2021-2027.  | 1.8 | 21        |
| 15 | Fully Functionalizable $\eta^2, \eta^2$ -BODIPY Dimer: Synthesis, Structure, and Photophysical Signatures. <i>Journal of Organic Chemistry</i> , 2018, 83, 10186-10196.  | 1.7 | 17        |
| 16 | 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.                                     | 1.2 | 9         |
| 17 | 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.   | 2.0 | 7         |
| 18 | Development of background-free tame fluorescent probes for intracellular live cell imaging. <i>Nature Communications</i> , 2016, 7, 11964.   | 5.8 | 92        |

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|----|--|-----|-----------|
| 19 | Modulation of singlet oxygen generation in halogenated BODIPY dyes by substitution at their meso position: towards a solvent-independent standard in the vis region. RSC Advances, 2016, 6, 41991-41998.   | 1.7 | 80        |
| 20 | Synthesis, Properties, and Functionalization of Nonsymmetric 8-MethylthioBODIPYs. European Journal of Organic Chemistry, 2016, 2016, 5009-5023.  | 1.2 | 11        |
| 21 | Near-Quantitative BODIPY Dyes à la Carte Programmed Orthogonal Functionalization of Rationally Designed Building Blocks. Chemistry - A European Journal, 2016, 22, 1048-1061.  | 1.7 | 45        |
| 22 | Formation of 8-RS-BODIPYs via direct substitution of 8-MeS-BODIPY by RSH (R = Et, Pr, Bu, tBu, n-C12H25.) Tetrahedron, 2016, 72, 1000-1006.  | 0.6 | 1         |
| 23 | FormylBODIPYs: Privileged Building Blocks for Multicomponent Reactions. The Case of the Passerini Reaction. Journal of Organic Chemistry, 2016, 81, 2888-2898.   | 1.7 | 28        |
| 24 | Scope and Limitations of the Liebeskind-Srogl Cross-Coupling Reactions Involving the Biellmann BODIPY. Journal of Organic Chemistry, 2015, 80, 5771-5782.  | 1.7 | 36        |
| 25 | Straightforward Synthetic Protocol for the Introduction of Stabilized Nucleophiles in the BODIPY Core for Advanced Sensing and Photonic Applications. Chemistry - A European Journal, 2015, 21, 1755-1764.   | 1.7 | 22        |
| 26 | Unprecedented one-pot sequential thiolate substitutions under mild conditions leading to a red emissive BODIPY dye 3,5,8-tris(PhS)-BODIPY. Organic and Biomolecular Chemistry, 2015, 13, 995-999.  | 1.5 | 18        |
| 27 | Concentration depending fluorescence of 8-(di-(2-picoyl))aminoBODIPY in solution. Tetrahedron, 2014, 70, 3735-3739.  | 1.0 | 7         |
| 28 | Convenient Access to Carbohydrate-BODIPY Hybrids by Two Complementary Methods Involving One-Pot Assembly of Clickable-BODIPY Dyes. European Journal of Organic Chemistry, 2014, 2014, 5659-5663.   | 1.2 | 25        |
| 29 | Reaction of Amines with 8-MethylthioBODIPY: Dramatic Optical and Laser Response to Amine Substitution. Chemistry - an Asian Journal, 2013, 8, 2691-2700.   | 1.7 | 36        |
| 30 | Blue-to-Orange Color-Tunable Laser Emission from Tailored Boron-Dipyrrromethene Dyes. ChemPhysChem, 2013, 14, 4134-4142.   | 1.0 | 59        |
| 31 | 8-Amino-BODIPYs: Structural Variation, Solvent-Dependent Emission, and VT NMR Spectroscopic Properties of 8-R <sub>2</sub> N-BODIPY. Journal of Organic Chemistry, 2013, 78, 4245-4250.  | 1.7 | 52        |
| 32 | Synthesis, structural characterization, and spectroscopic properties of the <i>ortho</i> , <i>meta</i> , and <i>para</i> isomers of 8-(HOCH <sub>2</sub> -C <sub>6</sub> H <sub>4</sub> ) <sub>2</sub> -BODIPY and 8-(MeOC <sub>6</sub> H <sub>4</sub> ) <sub>2</sub> -BODIPY. Journal of Physical Organic Chemistry, 2013, 26, 345-351. | 0.9 | 29        |
| 33 | 8-Alkoxy- and 8-Aryloxy-BODIPYs: Straightforward Fluorescent Tagging of Alcohols and Phenols. Journal of Organic Chemistry, 2013, 78, 5867-5877.   | 1.7 | 55        |
| 34 | 8-AminoBODIPYs: Cyanines or Hemicyanines? The Effect of the Coplanarity of the Amino Group on Their Optical Properties. Journal of Organic Chemistry, 2012, 77, 5434-5438.   | 1.7 | 80        |
| 35 | Modulation of the photophysical properties of BODIPY dyes by substitution at their meso position.. RSC Advances, 2011, 1, 677.   | 1.7 | 62        |
| 36 | 8-Alkenylborondipyrrromethene dyes. General synthesis, optical properties, and preliminary study of their reactivity. Tetrahedron, 2011, 67, 7244-7250.  | 1.0 | 53        |

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|----|---|-----|-----------|
| 37 | New 8-Amino-BODIPY Derivatives: Surpassing Laser Dyes at Blue-Edge Wavelengths. Chemistry - A European Journal, 2011, 17, 7261-7270.  | 1.7 | 141       |
| 38 | 8-PropargylaminoBODIPY: unprecedented blue-emitting pyrromethene dye. Synthesis, photophysics and laser properties. Chemical Communications, 2010, 46, 5103.                      | 2.2 | 121       |
| 39 | Twisted Intramolecular Charge Transfer and Aggregation-Induced Emission of BODIPY Derivatives. Journal of Physical Chemistry C, 2009, 113, 15845-15853.                           | 1.5 | 856       |
| 40 | The Smallest and One of the Brightest. Efficient Preparation and Optical Description of the Parent Borondipyrromethene System. Journal of Organic Chemistry, 2009, 74, 5719-5722. | 1.7 | 156       |
| 41 | Novel <i>meso</i> -Polyarylamine-BODIPY Hybrids: Synthesis and Study of Their Optical Properties. Journal of Organic Chemistry, 2009, 74, 2053-2058.                              | 1.7 | 126       |
| 42 | 3- and 5-Functionalized BODIPYs via the Liebeskind-Srogl reaction. Organic and Biomolecular Chemistry, 2009, 7, 34-36.  | 1.5 | 87        |
| 43 | Selective Cross-Couplings. Sequential Stille~Liebeskind/Srogl Reactions of 3-Chloro-4-arylthiocyclobutene-1,2-dione. Organic Letters, 2007, 9, 4163-4166.                         | 2.4 | 29        |
| 44 | Simple, General, and Efficient Synthesis of Meso-Substituted Borondipyrromethenes from a Single Platform. Organic Letters, 2007, 9, 3985-3988.                                    | 2.4 | 119       |