

Cesar Fernando Azael Gomez Duran

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papers

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23
ext. papers

1,030
ext. citations

5.6
avg, IF

3.76
L-index

#	Paper	IF	Citations
23	Synthesis, solvatochromism, aggregation-induced emission and cell imaging of tetraphenylethene-containing BODIPY derivatives with large Stokes shifts. <i>Chemical Communications</i> , 2012 , 48, 10099-101	5.8	188
22	New 8-amino-BODIPY derivatives: surpassing laser dyes at blue-edge wavelengths. <i>Chemistry - A European Journal</i> , 2011 , 17, 7261-70	4.8	124
21	8-PropargylaminoBODIPY: unprecedented blue-emitting pyrromethene dye. Synthesis, photophysics and laser properties. <i>Chemical Communications</i> , 2010 , 46, 5103-5	5.8	111
20	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, 5434-8	4.2	72
19	Effect of AIE substituents on the fluorescence of tetraphenylethene-containing BODIPY derivatives. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 15168-76	9.5	71
18	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	2.7	58
17	8-Alkoxy- and 8-aryloxy-BODIPYs: straightforward fluorescent tagging of alcohols and phenols. <i>Journal of Organic Chemistry</i> , 2013 , 78, 5867-77	4.2	51
16	Blue-to-orange color-tunable laser emission from tailored boron-dipyrromethene dyes. <i>ChemPhysChem</i> , 2013 , 14, 4134-42	3.2	49
15	Near-IR BODIPY Dyes IIa Carte-Programmed Orthogonal Functionalization of Rationally Designed Building Blocks. <i>Chemistry - A European Journal</i> , 2016 , 22, 1048-61	4.8	41
14	Fluorescent Neuraminidase Assay Based on Supramolecular Dye Capture After Enzymatic Cleavage. <i>Journal of the American Chemical Society</i> , 2017 , 139, 6390-6395	16.4	31
13	Scope and Limitations of the Liebeskind-Srogl Cross-Coupling Reactions Involving the Biellmann BODIPY. <i>Journal of Organic Chemistry</i> , 2015 , 80, 5771-82	4.2	31
12	Reaction of amines with 8-methylthioBODIPY: dramatic optical and laser response to amine substitution. <i>Chemistry - an Asian Journal</i> , 2013 , 8, 2691-700	4.5	30
11	Non-Covalently Pre-Assembled High-Performance Near-Infrared Fluorescent Molecular Probes for Cancer Imaging. <i>Chemistry - A European Journal</i> , 2018 , 24, 13821-13829	4.8	17
10	Structural Control of Kinetics for Macrocycle Threading by Fluorescent Squaraine Dye in Water. <i>Journal of Organic Chemistry</i> , 2017 , 82, 8334-8341	4.2	12
9	Porous silicon microcarriers for extended release of metformin: Design, biological evaluation and 3D kinetics modeling. <i>Chemical Engineering Journal</i> , 2019 , 365, 415-428	14.7	8
8	Tuning the pH-responsiveness capability of poly(acrylic acid-co-itaconic acid)/NaOH hydrogel: Design, swelling, and rust removal evaluation. <i>Journal of Applied Polymer Science</i> , 2020 , 137, 48403	2.9	7
7	Adsorption of sulfamethoxazole, sulfadiazine and sulfametazine in single and ternary systems on activated carbon. Experimental and DFT computations. <i>Journal of Molecular Liquids</i> , 2021 , 324, 114740	6	6

6	Tailoring the Photophysical Signatures of BODIPY Dyes: Toward Fluorescence Standards across the Visible Spectral Region 2018 ,		5
5	Removal of sulfamethoxazole, sulfadiazine, and sulfamethazine by UV radiation and HO and SO radicals using a response surface model and DFT calculations. <i>Environmental Science and Pollution Research</i> , 2020 , 27, 41609-41622	5.1	3
4	Synthesis of 1,4-Biphenyl-triazole Derivatives as Possible 17 β HSD1 Inhibitors: An Study. <i>ACS Omega</i> , 2020 , 5, 14061-14068	3.9	1
3	Elucidation of adsorption mechanisms and mass transfer controlling resistances during single and binary adsorption of caffeic and chlorogenic acids. <i>Environmental Science and Pollution Research</i> , 2021 , 1	5.1	1
2	Optimized microwave-assisted functionalization and quantification of superficial amino groups on porous silicon nanostructured microparticles. <i>Analytical Methods</i> , 2021 , 13, 516-525	3.2	1
1	Tramadol extended-release porous silicon microcarriers: A kinetic, physicochemical and biological evaluation. <i>Journal of Drug Delivery Science and Technology</i> , 2022 , 69, 103132	4.5	