Cesar Fernando Azael Gomez Duran

List of Publications by Year
in descending order

23 papers	1,105 citations	623188 14 h-index	713013 21 g-index
23 all docs	23 docs citations	23 times ranked	1465 citing authors

#	Article	IF	Citations
1	Synthesis, solvatochromism, aggregation-induced emission and cell imaging of tetraphenylethene-containing BODIPY derivatives with large Stokes shifts. Chemical Communications, 2012, 48, 10099.	2.2	204
2	New 8â€Aminoâ€BODIPY Derivatives: Surpassing Laser Dyes at Blueâ€Edge Wavelengths. Chemistry - A European Journal, 2011, 17, 7261-7270.	1.7	141
3	8-PropargylaminoBODIPY: unprecedented blue-emitting pyrromethene dye. Synthesis, photophysics and laser properties. Chemical Communications, 2010, 46, 5103.	2.2	121
4	Effect of AIE Substituents on the Fluorescence of Tetraphenylethene-Containing BODIPY Derivatives. ACS Applied Materials & Interfaces, 2015, 7, 15168-15176.	4.0	89
5	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
6	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
7	Blueâ€toâ€Orange Colorâ€Tunable Laser Emission from Tailored Boronâ€Dipyrromethene Dyes. ChemPhysChem, 2013, 14, 4134-4142.	1.0	59
8	8-Alkoxy- and 8-Aryloxy-BODIPYs: Straightforward Fluorescent Tagging of Alcohols and Phenols. Journal of Organic Chemistry, 2013, 78, 5867-5877.	1.7	55
9	Nearâ€IR BODIPY Dyes Ã la Carteâ€”Programmed Orthogonal Functionalization of Rationally Designed Building Blocks. Chemistry - A European Journal, 2016, 22, 1048-1061.	1.7	45
10	Fluorescent Neuraminidase Assay Based on Supramolecular Dye Capture After Enzymatic Cleavage. Journal of the American Chemical Society, 2017, 139, 6390-6395.	6.6	37
11	Reaction of Amines with 8â€MethylthioBODIPY: Dramatic Optical and Laser Response to Amine Substitution. Chemistry - an Asian Journal, 2013, 8, 2691-2700.	1.7	36
12	Scope and Limitations of the Liebeskindâ€“Srogl Cross-Coupling Reactions Involving the Biellmann BODIPY. Journal of Organic Chemistry, 2015, 80, 5771-5782.	1.7	36
13	Adsorption of sulfamethoxazole, sulfadiazine and sulfametazine in single and ternary systems on activated carbon. Experimental and DFT computations. Journal of Molecular Liquids, 2021, 324, 114740.	2.3	29
14	Nonâ€Covalently Preâ€Assembled Highâ€Performance Nearâ€Infrared Fluorescent Molecular Probes for Cancer Imaging. Chemistry - A European Journal, 2018, 24, 13821-13829.	1.7	24
15	Structural Control of Kinetics for Macrocycle Threading by Fluorescent Squaraine Dye in Water. Journal of Organic Chemistry, 2017, 82, 8334-8341.	1.7	14
16	Tuning the pHâ€responsiveness capability of poly(acrylic acidâ€coâ€itaconic acid)/NaOH hydrogel: Design, swelling, and rust removal evaluation. Journal of Applied Polymer Science, 2020, 137, 48403.	1.3	12
17	Synthesis of 1,4-Biphenyl-triazole Derivatives as Possible 17Î²-HSD1 Inhibitors: An in Silico Study. ACS Omega, 2020, 5, 14061-14068.	1.6	12
18	Removal of sulfamethoxazole, sulfadiazine, and sulfamethazine by UV radiation and HOâ€¢ and SO4â€¢â^' radicals using a response surface model and DFT calculations. Environmental Science and Pollution Research, 2020, 27, 41609-41622.	2.7	11

#	Article	IF	Citations
19	Porous silicon microcarriers for extended release of metformin: Design, biological evaluation and 3D kinetics modeling. Chemical Engineering Journal, 2019, 365, 415-428.	6.6	9
20	Tailoring the Photophysical Signatures of BODIPY Dyes: Toward Fluorescence Standards across the Visible Spectral Region. , 0, , .		5
21	Elucidation of adsorption mechanisms and mass transfer controlling resistances during single and binary adsorption of caffeic and chlorogenic acids. Environmental Science and Pollution Research, 2022, 29, 26297-26311.	2.7	5
22	Optimized microwave-assisted functionalization and quantification of superficial amino groups on porous silicon nanostructured microparticles. Analytical Methods, 2021, 13, 516-525.	1.3	1
23	Tramadol extended-release porous silicon microcarriers: A kinetic, physicochemical and biological evaluation. Journal of Drug Delivery Science and Technology, 2022, 69, 103132.	1.4	0