

Gonzalo Sampedro

List of Publications by Citations

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20
papers

640
citations

12
h-index

22
g-index

22
ext. papers

727
ext. citations

4.9
avg, IF

3.33
L-index

#	Paper	IF	Citations
20	Synthesis and functionalization of new polyhalogenated BODIPY dyes. Study of their photophysical properties and singlet oxygen generation. <i>Tetrahedron</i> , 2012 , 68, 1153-1162	2.4	101
19	Chlorinated BODIPYs: Surprisingly Efficient and Highly Photostable Laser Dyes. <i>European Journal of Organic Chemistry</i> , 2012 , 2012, 6335-6350	3.2	79
18	Red-edge-wavelength finely-tunable laser action from new BODIPY dyes. <i>Physical Chemistry Chemical Physics</i> , 2010 , 12, 7804-11	3.6	64
17	First highly efficient and photostable E and C derivatives of 4,4-difluoro-4-bora-3a,4a-diaza-s-indacene (BODIPY) as dye lasers in the liquid phase, thin films, and solid-state rods. <i>Chemistry - A European Journal</i> , 2014 , 20, 2646-53	4.8	51
16	Carboxylates versus Fluorines: Boosting the Emission Properties of Commercial BODIPYs in Liquid and Solid Media. <i>Advanced Functional Materials</i> , 2013 , 23, 4195-4205	15.6	48
15	Coumarin-BODIPY hybrids by heteroatom linkage: versatile, tunable and photostable dye lasers for UV irradiation. <i>Physical Chemistry Chemical Physics</i> , 2015 , 17, 8239-47	3.6	47
14	New perylene-doped polymeric thin films for efficient and long-lasting lasers. <i>Journal of Materials Chemistry</i> , 2012 , 22, 8938		41
13	Random lasing from sulforhodamine dye-doped polymer films with high surface roughness. <i>Applied Physics B: Lasers and Optics</i> , 2012 , 108, 839-850	1.9	34
12	Exploring the Application of the Negishi Reaction of HaloBODIPYs: Generality, Regioselectivity, and Synthetic Utility in the Development of BODIPY Laser Dyes. <i>Journal of Organic Chemistry</i> , 2016 , 81, 3700-3710	4.2	34
11	BF-azadipyromethene NIR-emissive fluorophores with research and clinical potential. <i>European Journal of Medicinal Chemistry</i> , 2017 , 135, 392-400	6.8	30
10	Negishi reaction in BODIPY dyes. Unprecedented alkylation by palladium-catalyzed C-C coupling in boron dipyrromethene derivatives. <i>RSC Advances</i> , 2014 , 4, 19210-19213	3.7	29
9	An asymmetric BODIPY triad with panchromatic absorption for high-performance red-edge laser emission. <i>Chemical Communications</i> , 2015 , 51, 11382-5	5.8	18
8	A versatile fluorescent molecular probe endowed with singlet oxygen generation under white-light photosensitization. <i>Dyes and Pigments</i> , 2017 , 142, 77-87	4.6	12
7	Endogenous exosome labelling with an amphiphilic NIR-fluorescent probe. <i>Chemical Communications</i> , 2018 , 54, 7219-7222	5.8	12
6	Rational molecular design enhancing the photonic performance of red-emitting perylene bisimide dyes. <i>Physical Chemistry Chemical Physics</i> , 2017 , 19, 13210-13218	3.6	10
5	A DIE responsive NIR-fluorescent cell membrane probe. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2018 , 1860, 2272-2280	3.8	9
4	Annulative Extension of BODIPYs made easy gold(i)-catalyzed cycloisomerization. <i>Chemical Science</i> , 2020 , 11, 10778-10785	9.4	7

3	Increased laser action in commercial dyes from fluorination regardless of their skeleton. <i>Laser Physics Letters</i> , 2014 , 11, 115818	1.5	6
2	Remarkable observations on triplet-sensitized reactions. the di-pi-methane rearrangement of acyclic 1,4-dienes in the triplet excited state. <i>Organic Letters</i> , 2009 , 11, 4148-51	6.2	5
1	Synthesis and properties of water-soluble 1,9-dialkyl-substituted BF ₂ azadipyrromethene fluorophores. <i>Frontiers of Chemical Science and Engineering</i> , 2020 , 14, 97-104	4.5	3