Gonzalo Sampedro

List of Publications by Year
in descending order

21 papers	769 citations	623188 14 h-index	752256 20 g-index
22 all docs	22 docs citations	22 times ranked	1145 citing authors

#	Article	IF	Citations
1	Synthesis and functionalization of new polyhalogenated BODIPY dyes. Study of their photophysical properties and singlet oxygen generation. Tetrahedron, 2012, 68, 1153-1162.	1.0	117
2	Chlorinated BODIPYs: Surprisingly Efficient and Highly Photostable Laser Dyes. European Journal of Organic Chemistry, 2012, 2012, 6335-6350.	1.2	92
3	Red-edge-wavelength finely-tunable laser action from new BODIPY dyes. Physical Chemistry Chemical Physics, 2010, 12, 7804.	1.3	72
4	First Highly Efficient and Photostable E and Câ€...Derivatives of 4,4â€Difluoroâ€4â€boraâ€3a,4aâ€diazaâ€sâ€indacene (BODIPY) as Dye Lasers in the Liquid Phase, Thin Films, and Solidâ€State Rods. Chemistry - A European Journal, 2014, 20, 2646-2653.	1.5	62
5	Carboxylates versus Fluorines: Boosting the Emission Properties of Commercial BODIPYs in Liquid and Solid Media. Advanced Functional Materials, 2013, 23, 4195-4205.	7.8	56
6	Coumarinâ€“BODIPY hybrids by heteroatom linkage: versatile, tunable and photostable dye lasers for UV irradiation. Physical Chemistry Chemical Physics, 2015, 17, 8239-8247.	1.3	56
7	New perylene-doped polymeric thin films for efficient and long-lasting lasers. Journal of Materials Chemistry, 2012, 22, 8938.	6.7	48
8	Random lasing from sulforhodamine dye-doped polymer films with high surface roughness. Applied Physics B: Lasers and Optics, 2012, 108, 839-850.	1.1	40
9	Exploring the Application of the Negishi Reaction of HaloBODIPYs: Generality, Regioselectivity, and Synthetic Utility in the Development of BODIPY Laser Dyes. Journal of Organic Chemistry, 2016, 81, 3700-3710.	1.7	38
10	BF 2 -azadipyrromethene NIR-emissive fluorophores with research and clinical potential. European Journal of Medicinal Chemistry, 2017, 135, 392-400.	2.6	38
11	Negishi reaction in BODIPY dyes. Unprecedented alkylation by palladium-catalyzed Câ€“C coupling in boron dipyrromethene derivatives. RSC Advances, 2014, 4, 19210-19213.	1.7	32
12	An asymmetric BODIPY triad with panchromatic absorption for high-performance red-edge laser emission. Chemical Communications, 2015, 51, 11382-11385.	2.2	23
13	Endogenous exosome labelling with an amphiphilic NIR-fluorescent probe. Chemical Communications, 2018, 54, 7219-7222.	2.2	16
14	Annulative Ï€-extension of BODIPYs made easy via gold(<scp>i</scp>)-catalyzed cycloisomerization. Chemical Science, 2020, 11, 10778-10785.	3.7	16
15	Rational molecular design enhancing the photonic performance of red-emitting perylene bisimide dyes. Physical Chemistry Chemical Physics, 2017, 19, 13210-13218.	1.3	14
16	A versatile fluorescent molecular probe endowed with singlet oxygen generation under white-light photosensitization. Dyes and Pigments, 2017, 142, 77-87.	2.0	14
17	A DIE responsive NIR-fluorescent cell membrane probe. Biochimica Et Biophysica Acta - Biomembranes, 2018, 1860, 2272-2280.	1.4	14
18	Increased laser action in commercial dyes from fluorination regardless of their skeleton. Laser Physics Letters, 2014, 11, 115818.	0.6	9

#	Article	IF	Citations
19	Remarkable Observations on Triplet-Sensitized Reactions. The Di-Ï€-methane Rearrangement of Acyclic 1,4-Dienes in the Triplet Excited State. Organic Letters, 2009, 11, 4148-4151.	2.4	6
20	Synthesis and properties of water-soluble 1,9-dialkyl-substituted BF2 azadipyrromethene fluorophores. Frontiers of Chemical Science and Engineering, 2020, 14, 97-104.	2.3	6
21	Metallosupramolecular Assemblies of Phthalocyanines, Subphthalocyanines and Bodipys: Photosensitizers for Visible-Light Induced Processes. ECS Meeting Abstracts, 2022, MA2022-01, 975-975.	0.0	0