

Teresa Arbeloa Lpez

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

42
papers

1,552
citations

22
h-index

39
g-index

46
ext. papers

1,678
ext. citations

4.5
avg, IF

3.93
L-index

#	Paper	IF	Citations
42	Mechanochemistry as a Sustainable Method for the Preparation of Fluorescent Ugi BODIPY Adducts. <i>European Journal of Organic Chemistry</i> , 2021 , 2021, 253-265	3.2	4
41	Isopinocampheyl-based C-BODIPYs: a model strategy to construct cost-effective boron-chelate emitters of circularly polarized light. <i>Organic Chemistry Frontiers</i> , 2021 , 8, 4752-4757	5.2	1
40	BCl-Activated Synthesis of COO-BODIPY Laser Dyes: General Scope and High Yields under Mild Conditions. <i>Journal of Organic Chemistry</i> , 2020 , 85, 4594-4601	4.2	6
39	Ready Access to Molecular Rotors Based on Boron Dipyrromethene Dyes-Coumarin Dyads Featuring Broadband Absorption. <i>Molecules</i> , 2020 , 25,	4.8	1
38	Methylthio BODIPY as a standard triplet photosensitizer for singlet oxygen production: a photophysical study. <i>Physical Chemistry Chemical Physics</i> , 2019 , 21, 20403-20414	3.6	13
37	-BODIPYs: Exploring a New Strategy to Transfer Chirality towards BODIPY Chiroptics. <i>Proceedings (mdp)</i> , 2019 , 41,	0.3	2
36	Synthesis, Properties, and Functionalization of Nonsymmetric 8-MethylthioBODIPYs. <i>European Journal of Organic Chemistry</i> , 2016 , 2016, 5009-5023	3.2	8
35	Push-pull flexibly-bridged bis(haloBODIPYs): solvent and spacer switchable red emission. <i>Dalton Transactions</i> , 2016 , 45, 11839-48	4.3	21
34	FormylBODIPYs: Privileged Building Blocks for Multicomponent Reactions. The Case of the Passerini Reaction. <i>Journal of Organic Chemistry</i> , 2016 , 81, 2888-98	4.2	24
33	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
32	Straightforward synthetic protocol for the introduction of stabilized C nucleophiles in the BODIPY core for advanced sensing and photonic applications. <i>Chemistry - A European Journal</i> , 2015 , 21, 1755-64	4.8	18
31	Convenient Access to CarbohydrateBODIPY Hybrids by Two Complementary Methods Involving One-Pot Assembly of ClickableBODIPY Dyes. <i>European Journal of Organic Chemistry</i> , 2014 , 2014, 5659-5663	3.2	20
30	Increased laser action in commercial dyes from fluorination regardless of their skeleton. <i>Laser Physics Letters</i> , 2014 , 11, 115818	1.5	6
29	8-Functionalization of alkyl-substituted-3,8-dimethyl BODIPYs by Knoevenagel condensation. <i>Organic Letters</i> , 2013 , 15, 4454-7	6.2	39
28	Unprecedented induced axial chirality in a molecular BODIPY dye: strongly bisignated electronic circular dichroism in the visible region. <i>Chemical Communications</i> , 2013 , 49, 11641-3	5.8	36
27	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
26	Chlorinated BODIPYs: Surprisingly Efficient and Highly Photostable Laser Dyes. <i>European Journal of Organic Chemistry</i> , 2012 , 2012, 6335-6350	3.2	79

25	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
24	Fluorescence Anisotropy to Study the Preferential Orientation of Fluorophores in Ordered Bi-Dimensional Systems: Rhodamine 6G/Laponite Layered Films. <i>Reviews in Fluorescence</i> , 2010 , 1-35	0	3
23	On the arrangements of R6G molecules in organophilic C12TMA/lap clay films for low dye loadings. <i>Langmuir</i> , 2010 , 26, 930-7	4	18
22	Improving the fluorescence polarization method to evaluate the orientation of fluorescent systems adsorbed in ordered layered materials. <i>Journal of Luminescence</i> , 2009 , 129, 1336-1340	3.8	8
21	Photophysics of Rhodamine 6G Laser Dye in Ordered Surfactant (C12TMA)/Clay (Laponite) Hybrid Films. <i>Journal of Physical Chemistry C</i> , 2009 , 113, 965-970	3.8	19
20	Photophysical study of new versatile multichromophoric diads and triads with BODIPY and polyphenylene groups. <i>Journal of Physical Chemistry A</i> , 2008 , 112, 10816-22	2.8	22
19	Photophysical characterization of new 3-amino and 3-acetamido BODIPY dyes with solvent sensitive properties. <i>Journal of Fluorescence</i> , 2008 , 18, 899-907	2.4	16
18	Adsorption of fluorescent R6G dye into organophilic C12TMA laponite films. <i>Journal of Colloid and Interface Science</i> , 2008 , 321, 212-9	9.3	23
17	Photoresponse and anisotropy of rhodamine dye intercalated in ordered clay layered films. <i>Journal of Photochemistry and Photobiology C: Photochemistry Reviews</i> , 2007 , 8, 85-108	16.4	117
16	Concerning the color change of pyrromethene 650 dye in electron-donor solvents. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2006 , 184, 298-305	4.7	9
15	Structural, photophysical and lasing properties of pyrromethene dyes. <i>International Reviews in Physical Chemistry</i> , 2005 , 24, 339-374	7	122
14	Photophysical properties of a new 8-phenyl analogue of the laser dye PM567 in different solvents: internal conversion mechanisms. <i>Chemical Physics Letters</i> , 2004 , 385, 29-35	2.5	67
13	Characterization of supported solid thin films of Laponite clay. Intercalation of rhodamine 6G laser dye. <i>Langmuir</i> , 2004 , 20, 5709-17	4	59
12	Structural and spectroscopic characteristics of Pyrromethene 567 laser dye. A theoretical approach. <i>Physical Chemistry Chemical Physics</i> , 2004 , 6, 4247-4253	3.6	33
11	Characterization of Rhodamine 6G Aggregates Intercalated in Solid Thin Films of Laponite Clay. 1. Absorption Spectroscopy. <i>Journal of Physical Chemistry B</i> , 2004 , 108, 20030-20037	3.4	77
10	Photophysical Properties of the Pyrromethene 597 Dye: Solvent Effect. <i>Journal of Physical Chemistry A</i> , 2004 , 108, 5503-5508	2.8	80
9	Aggregation of rhodamine 3B adsorbed in Wyoming Montmorillonite aqueous suspensions. <i>Journal of Colloid and Interface Science</i> , 2002 , 246, 281-7	9.3	32
8	Photophysical and lasing properties of pyrromethene 567 dye in solid poly(trifluoromethyl methacrylate) matrices with different degrees of crosslinking. <i>Applied Physics B: Lasers and Optics</i> , 2001 , 73, 19-24	1.9	25

7	Electronic spectroscopy of pyrromethene 546. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 1999 , 121, 177-182	4.7	35
6	Correlations between photophysics and lasing properties of dipyrrometheneBF2 dyes in solution. <i>Chemical Physics Letters</i> , 1999 , 299, 315-321	2.5	136
5	Environmental effects on the photophysics of pyrromethene 556. <i>Physical Chemistry Chemical Physics</i> , 1999 , 1, 791-795	3.6	9
4	Photophysical and lasing properties of a new ester derivative of rhodamine 6G. <i>Journal of Luminescence</i> , 1997 , 75, 309-317	3.8	10
3	Spectroscopy of Rhodamine 6G Adsorbed on Sepiolite Aqueous Suspensions. <i>Journal of Colloid and Interface Science</i> , 1997 , 187, 105-12	9.3	45
2	Influence of fluorinated group on the photophysics of 7-aminocoumarins. <i>Journal of Luminescence</i> , 1996 , 68, 149-155	3.8	27
1	Characterization of Rhodamine 6G Adsorbed onto Hectorite by Electronic Spectroscopy. <i>Journal of Colloid and Interface Science</i> , 1995 , 171, 439-445	9.3	26