

# Teresa Arbeloa Lopez

## List of Publications by Citations

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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	Correlations between photophysics and lasing properties of dipyrrometheneBF2 dyes in solution. <i>Chemical Physics Letters</i> , <b>1999</b> , 299, 315-321	2.5	136
41	New 8-amino-BODIPY derivatives: surpassing laser dyes at blue-edge wavelengths. <i>Chemistry - A European Journal</i> , <b>2011</b> , 17, 7261-70	4.8	124
40	Structural, photophysical and lasing properties of pyrromethene dyes. <i>International Reviews in Physical Chemistry</i> , <b>2005</b> , 24, 339-374	7	122
39	Photoresponse and anisotropy of rhodamine dye intercalated in ordered clay layered films. <i>Journal of Photochemistry and Photobiology C: Photochemistry Reviews</i> , <b>2007</b> , 8, 85-108	16.4	117
38	Synthesis and functionalization of new polyhalogenated BODIPY dyes. Study of their photophysical properties and singlet oxygen generation. <i>Tetrahedron</i> , <b>2012</b> , 68, 1153-1162	2.4	101
37	Photophysical Properties of the Pyrromethene 597 Dye: Solvent Effect. <i>Journal of Physical Chemistry A</i> , <b>2004</b> , 108, 5503-5508	2.8	80
36	Chlorinated BODIPYs: Surprisingly Efficient and Highly Photostable Laser Dyes. <i>European Journal of Organic Chemistry</i> , <b>2012</b> , 2012, 6335-6350	3.2	79
35	Characterization of Rhodamine 6G Aggregates Intercalated in Solid Thin Films of Laponite Clay. 1. Absorption Spectroscopy. <i>Journal of Physical Chemistry B</i> , <b>2004</b> , 108, 20030-20037	3.4	77
34	Photophysical properties of a new 8-phenyl analogue of the laser dye PM567 in different solvents: internal conversion mechanisms. <i>Chemical Physics Letters</i> , <b>2004</b> , 385, 29-35	2.5	67
33	Characterization of supported solid thin films of Laponite clay. Intercalation of rhodamine 6G laser dye. <i>Langmuir</i> , <b>2004</b> , 20, 5709-17	4	59
32	Spectroscopy of Rhodamine 6G Adsorbed on Sepiolite Aqueous Suspensions. <i>Journal of Colloid and Interface Science</i> , <b>1997</b> , 187, 105-12	9.3	45
31	8-Functionalization of alkyl-substituted-3,8-dimethyl BODIPYs by Knoevenagel condensation. <i>Organic Letters</i> , <b>2013</b> , 15, 4454-7	6.2	39
30	Unprecedented induced axial chirality in a molecular BODIPY dye: strongly bisignated electronic circular dichroism in the visible region. <i>Chemical Communications</i> , <b>2013</b> , 49, 11641-3	5.8	36
29	Electronic spectroscopy of pyrromethene 546. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , <b>1999</b> , 121, 177-182	4.7	35
28	Structural and spectroscopic characteristics of Pyrromethene 567 laser dye. A theoretical approach. <i>Physical Chemistry Chemical Physics</i> , <b>2004</b> , 6, 4247-4253	3.6	33
27	Aggregation of rhodamine 3B adsorbed in Wyoming Montmorillonite aqueous suspensions. <i>Journal of Colloid and Interface Science</i> , <b>2002</b> , 246, 281-7	9.3	32
26	Scope and Limitations of the Liebeskind-Srogl Cross-Coupling Reactions Involving the Biellmann BODIPY. <i>Journal of Organic Chemistry</i> , <b>2015</b> , 80, 5771-82	4.2	31

25	Influence of fluorinated group on the photophysics of 7-aminocoumarins. <i>Journal of Luminescence</i> , <b>1996</b> , 68, 149-155	3.8	27
24	Characterization of Rhodamine 6G Adsorbed onto Hectorite by Electronic Spectroscopy. <i>Journal of Colloid and Interface Science</i> , <b>1995</b> , 171, 439-445	9.3	26
23	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> , <b>2001</b> , 73, 19-24	1.9	25
22	FormylBODIPYs: Privileged Building Blocks for Multicomponent Reactions. The Case of the Passerini Reaction. <i>Journal of Organic Chemistry</i> , <b>2016</b> , 81, 2888-98	4.2	24
21	Adsorption of fluorescent R6G dye into organophilic C12TMA laponite films. <i>Journal of Colloid and Interface Science</i> , <b>2008</b> , 321, 212-9	9.3	23
20	Photophysical study of new versatile multichromophoric diads and triads with BODIPY and polyphenylene groups. <i>Journal of Physical Chemistry A</i> , <b>2008</b> , 112, 10816-22	2.8	22
19	Push-pull flexibly-bridged bis(haloBODIPYs): solvent and spacer switchable red emission. <i>Dalton Transactions</i> , <b>2016</b> , 45, 11839-48	4.3	21
18	Convenient Access to CarbohydrateBODIPY Hybrids by Two Complementary Methods Involving One-Pot Assembly of ClickableBODIPY Dyes. <i>European Journal of Organic Chemistry</i> , <b>2014</b> , 2014, 5659-5663	3.2	20
17	Photophysics of Rhodamine 6G Laser Dye in Ordered Surfactant (C12TMA)/Clay (Laponite) Hybrid Films. <i>Journal of Physical Chemistry C</i> , <b>2009</b> , 113, 965-970	3.8	19
16	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> , <b>2015</b> , 21, 1755-64	4.8	18
15	On the arrangements of R6G molecules in organophilic C12TMA/lap clay films for low dye loadings. <i>Langmuir</i> , <b>2010</b> , 26, 930-7	4	18
14	Photophysical characterization of new 3-amino and 3-acetamido BODIPY dyes with solvent sensitive properties. <i>Journal of Fluorescence</i> , <b>2008</b> , 18, 899-907	2.4	16
13	Methylthio BODIPY as a standard triplet photosensitizer for singlet oxygen production: a photophysical study. <i>Physical Chemistry Chemical Physics</i> , <b>2019</b> , 21, 20403-20414	3.6	13
12	Photophysical and lasing properties of a new ester derivative of rhodamine 6G. <i>Journal of Luminescence</i> , <b>1997</b> , 75, 309-317	3.8	10
11	Concerning the color change of pyrromethene 650 dye in electron-donor solvents. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , <b>2006</b> , 184, 298-305	4.7	9
10	Environmental effects on the photophysics of pyrromethene 556. <i>Physical Chemistry Chemical Physics</i> , <b>1999</b> , 1, 791-795	3.6	9
9	Synthesis, Properties, and Functionalization of Nonsymmetric 8-MethylthioBODIPYs. <i>European Journal of Organic Chemistry</i> , <b>2016</b> , 2016, 5009-5023	3.2	8
8	Improving the fluorescence polarization method to evaluate the orientation of fluorescent systems adsorbed in ordered layered materials. <i>Journal of Luminescence</i> , <b>2009</b> , 129, 1336-1340	3.8	8

7	BCl-Activated Synthesis of COO-BODIPY Laser Dyes: General Scope and High Yields under Mild Conditions. <i>Journal of Organic Chemistry</i> , <b>2020</b> , 85, 4594-4601	4.2	6
6	Increased laser action in commercial dyes from fluorination regardless of their skeleton. <i>Laser Physics Letters</i> , <b>2014</b> , 11, 115818	1.5	6
5	Mechanochemistry as a Sustainable Method for the Preparation of Fluorescent Ugi BODIPY Adducts. <i>European Journal of Organic Chemistry</i> , <b>2021</b> , 2021, 253-265	3.2	4
4	Fluorescence Anisotropy to Study the Preferential Orientation of Fluorophores in Ordered Bi-Dimensional Systems: Rhodamine 6G/Laponite Layered Films. <i>Reviews in Fluorescence</i> , <b>2010</b> , 1-35	0	3
3	-BODIPYs: Exploring a New Strategy to Transfer Chirality towards BODIPY Chiroptics. <i>Proceedings (mdpi)</i> , <b>2019</b> , 41,	0.3	2
2	Ready Access to Molecular Rotors Based on Boron Dipyrromethene Dyes-Coumarin Dyads Featuring Broadband Absorption. <i>Molecules</i> , <b>2020</b> , 25,	4.8	1
1	Isopinocampheyl-based C-BODIPYs: a model strategy to construct cost-effective boron-chelate emitters of circularly polarized light. <i>Organic Chemistry Frontiers</i> , <b>2021</b> , 8, 4752-4757	5.2	1