MarÃ-a-JesÃºs Blesa

List of Publications by Year
in descending order

34 papers	938 citations	516710 16 h-index	434195 31 g-index
36 all docs	36 docs citations	36 times ranked	1077 citing authors

#	Article	IF	Citations
1	Enhancing the temporal stability of DSSCs with novel vinylpyrimidine anchoring and accepting group. Dyes and Pigments, 2022, 203, 110310.	3.7	12
2	Difunctionalized dyes for DSSCs based on two different scaffolds: p-tert-butylcalix[4]arene or isophthalic acid. Dyes and Pigments, 2020, 182, 108530.	3.7	6
3	Modification of the electronic properties of the Ï€-spacer of chromophores linked to calix[4]arene platform for DSSCs applications. Dyes and Pigments, 2019, 164, 43-53.	3.7	9
4	DSSCs based on aniline derivatives functionalized with a tert -butyldimethylsilyl group and the effect of the Ï€-spacer. Dyes and Pigments, 2018, 148, 61-71.	3.7	13
5	Liquid Crystal Organization of Calix[4]areneâ€Appended Schiff Bases and Recognition towards Zn²⁺. ChemistrySelect, 2017, 2, 101-109.	1.5	14
6	Multichromophoric sensitizers based on calix[4]arene scaffold and 4 H -pyranylidene moiety for DSSCs application. Dyes and Pigments, 2017, 136, 505-514.	3.7	11
7	Characterization of Egyptian semi-cokes using MÃ¶ssbauer spectroscopy at room temperature. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 2016, 38, 1591-1597.	2.3	3
8	Using functionalized nonlinear optical chromophores to prepare NLO-active polycarbonate films. Dyes and Pigments, 2015, 119, 30-40.	3.7	10
9	Dye-sensitized-solar-cells based on calix[4]arene scaffolds. RSC Advances, 2015, 5, 90667-90670.	3.6	14
10	Synthesis, Characterization, and Optical Properties of 4<i>H</i>-Pyran-4-ylidene Donor-Based Chromophores: The Relevance of the Location of a Thiophene Ring in the Spacer. Journal of Organic Chemistry, 2012, 77, 4634-4644.	3.2	34
11	Multichromophoric Calix[4]arenes: Effect of Interchromophore Distances on Linear and Nonlinear Optical Properties. ChemPhysChem, 2012, 13, 3204-3209.	2.1	10
12	Maria Coal Pyrolysis Studied by Fourier Transform Infrared and MÃ¶ssbauer Spectroscopy. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 2010, 32, 1747-1755.	2.3	6
13	Iminium Salts of Ï‰-Dithiafulvenylpolyenals: An Easy Entry to the Corresponding Aldehydes and Doubly Proaromatic Nonlinear Optic-phores. Journal of Organic Chemistry, 2008, 73, 5890-5898.	3.2	39
14	Synthesis, Structure, and Optical Properties of 1,4-Dithiafulvene-Based Nonlinear Optic-phores. Journal of Organic Chemistry, 2007, 72, 6440-6446.	3.2	38
15	Carboxylic acid derivatives of tetrathiafulvalene: key intermediates for the synthesis of redox-active calixarene-based anion receptors. Tetrahedron, 2007, 63, 10768-10777.	1.9	40
16	Electroactive C2 Symmetry Receptors Based on the Biphenyl Scaffold and Tetrathiafulvalene Units. Journal of Organic Chemistry, 2006, 71, 9096-9103.	3.2	19
17	Bis(calixcrown)tetrathiafulvalene Receptors. Chemistry - A European Journal, 2006, 12, 1906-1914.	3.3	38
18	A Tetrathiafulvalene-appended Calix[4]arene: Synthesis and Electrochemical Characterization. Supramolecular Chemistry, 2005, 17, 465-468.	1.2	14

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19	1,3-Dithiole Based Quinoid Systems: Multiply Proaromatic NLO-Phores. Phosphorus, Sulfur and Silicon and the Related Elements, 2005, 180, 1473-1474.	1.6	2
20	A calixareneâ€“amideâ€“tetrathiafulvalene assembly for the electrochemical detection of anions. New Journal of Chemistry, 2005, 29, 1164.	2.8	36
21	Tuning First Molecular Hyperpolarizabilities through the Use of Proaromatic Spacers. Journal of the American Chemical Society, 2005, 127, 8835-8845.	13.7	95
22	Tetrathiafulvalene in a Perylene-3,4:9,10-bis(dicarboximide)-Based Dyad:Â A New Reversible Fluorescence-Redox Dependent Molecular System. Journal of Organic Chemistry, 2005, 70, 6313-6320.	3.2	117
23	Bis-calix[4]arenes Bridged by an Electroactive Tetrathiafulvalene Unit. Journal of Organic Chemistry, 2005, 70, 6254-6257.	3.2	38
24	Curing temperature effect on mechanical strength of smokeless fuel briquettes prepared with molassesâ˜†. Fuel, 2003, 82, 943-947.	6.4	41
25	Curing temperature effect on smokeless fuel briquettes prepared with molasses and H3PO4â˜†. Fuel, 2003, 82, 1669-1673.	6.4	11
26	Characterisation of an Egyptian coal by Mossbauer and FT-IR spectroscopyâ‹†. Fuel, 2003, 82, 1825-1829.	6.4	56
27	Low-temperature co-pyrolysis of a low-rank coal and biomass to prepare smokeless fuel briquettes. Journal of Analytical and Applied Pyrolysis, 2003, 70, 665-677.	5.5	89
28	Curing time effect on mechanical strength of smokeless fuel briquettes. Fuel Processing Technology, 2003, 80, 155-167.	7.2	22
29	Study of the curing temperature effect on binders for smokeless briquettes by Fourier transform infrared spectroscopy. Vibrational Spectroscopy, 2003, 31, 81-87.	2.2	10
30	Micro-FTIR study of the blend of humates with calcium hydroxide used to prepare smokeless fuel briquettes. Vibrational Spectroscopy, 2003, 33, 31-35.	2.2	23
31	Effect of the pyrolysis process on the physicochemical and mechanical properties of smokeless fuel briquettes. Fuel Processing Technology, 2001, 74, 1-17.	7.2	46
32	DSC study of curing in smokeless briquetting. Thermochimica Acta, 2001, 371, 41-44.	2.7	9
33	Unambiguous Identification of Regioisomeric Tetrathiafulvalenes by Mass Spectrometry:â€‰ Application to Dihalogeno Derivatives and the First Synthesis of 4,4â€˜(5â€˜)-Dichlorotetrathiafulvalene. Journal of Organic Chemistry, 1997, 62, 5642-5644.	3.2	8
34	The synthesis of dihalotetrathiafulvalenes. Synthetic Metals, 1997, 86, 1897-1898.	3.9	5