Montserrat Hernandez ViÃ‘as

List of Publications by Year
in descending order

20 papers	360 citations	759233 12 h-index	839539 18 g-index
20 all docs	20 docs citations	20 times ranked	319 citing authors

#	Article	IF	Citations
1	Supramolecular zippers elicit interbilayer adhesion of membranes producing cell death. Biochimica Et Biophysica Acta - General Subjects, 2018, 1862, 2824-2834.	2.4	6
2	The role of the surrounding polarity on the phototautomerization process in a diazaaromatic compound: An UVâ€“vis and NMR study. Journal of Luminescence, 2014, 148, 64-71.	3.1	4
3	The Impact of Dihydrogen Phosphate Anions on the Excited-State Proton Transfer of Harmane. Effect of Î²-Cyclodextrin on These Photoreactions. Journal of Physical Chemistry A, 2012, 116, 207-214.	2.5	16
4	Complexation and Chiral Drug Recognition of an Amphiphilic Phenothiazine Derivative with Î²â€Cyclodextrin. Journal of Pharmaceutical Sciences, 2008, 97, 1484-1498.	3.3	21
5	On the Connection between the Complexation and Aggregation Thermodynamics of Oxyethylene Nonionic Surfactants. Journal of Physical Chemistry B, 2008, 112, 15691-15700.	2.6	12
6	Study of the Interaction between a Nonyl Phenyl Ether and Î²-Cyclodextrin:Â Declouding Nonionic Surfactant Solutions by Complexation. Journal of Physical Chemistry B, 2007, 111, 1368-1376.	2.6	26
7	Inclusion Complexes between Î²-Cyclodextrin and a Gemini Surfactant in Aqueous Solution:Â An NMR Study. Journal of Physical Chemistry B, 2006, 110, 13819-13828.	2.6	69
8	Acidâ€“base equilibria of methyl Î²-carboline-3-carboxylate in aqueous solution. Journal of Luminescence, 2003, 101, 227-234.	3.1	8
9	Photophysical properties of methyl Î²-carboline-3-carboxylate mediated by hydrogen-bonded complexesâ€”a comparative study in different solvents. Biophysical Chemistry, 2003, 104, 683-696.	2.8	19
10	An experimental and theoretical approach to the acidâ€“base and photophysical properties of 3-substituted Î²-carbolines in aqueous solutions. Journal of Photochemistry and Photobiology A: Chemistry, 2003, 156, 1-7.	3.9	13
11	Hydrogen-bonding interactions of norharmane in mixtures of acetic acid with benzene, p-dioxane and acetonitrileElectronic supplementary information (ESI) available: The kinetic equations for eqns. (1)â€“(3). See http://www.rsc.org/suppdata/cp/b2/b201526a/. Physical Chemistry Chemical Physics, 2002, 4, 3676-3683.	2.8	22
12	Steady-state and time-resolved study of the proton-transfer fluorescence of harmine and 2-methyl-harmine in organic solvents. Journal of Photochemistry and Photobiology A: Chemistry, 1999, 120, 85-91.	3.9	16
13	Temperature effect on excited-state proton transfer reactions of Î²-carboline in different acetic-acid mixtures. Chemical Physics Letters, 1999, 301, 551-558.	2.6	17
14	Probing Hydrophobic Nanocavities in Chemical and Biological Systems with a Fluorescent Proton-Transfer Dye. Chemistry - A European Journal, 1999, 5, 897-901.	3.3	30
15	Hydrogen-bonding interactions and double proton-transfer reactions at both gates of cyclodextrins. Chemical Physics Letters, 1998, 296, 335-342.	2.6	22
16	Proton Transfer Dynamics of Norharman in Organic Solvents. Journal of Physical Chemistry A, 1997, 101, 768-775.	2.5	52
17	Fluorescent probes as mineral oil quality indicators. Journal of Optics, 1994, 3, 659-666.	0.5	2
18	Fluorescent molecules as probes for the characterization of mineral oils degradation processes. Journal of Luminescence, 1993, 55, 287-292.	3.1	0

#	Article	IF	Citations
19	‹title›Fluorescent sensor as an engine oil quality indicator‹/title›. , 1992, , .		0
20	Spectroscopic Sensor as a Mineral Oil Indicator. Laser Chemistry, 1992, 12, 65-73.	0.5	5