Francisco Meijide del RÃ-o

List of Publications by Year
in descending order

54 papers	1,431 citations	361045 20 h-index	329751 37 g-index
56 all docs	56 docs citations	56 times ranked	1403 citing authors

#	Article	IF	Citations
1	Aggregation Behavior of Bile Salts in Aqueous Solutionâ€â€¡. Journal of Pharmaceutical Sciences, 1996, 85, 9-15.	1.6	170
2	Thermodynamics of Formation of Hostâ"Guest Supramolecular Polymers. Journal of the American Chemical Society, 2006, 128, 5728-5734.	6.6	97
3	Complexation of Adamantyl Compounds by Î²-Cyclodextrin and Monoaminoderivatives. Journal of Physical Chemistry B, 2005, 109, 9719-9726.	1.2	92
4	Bile salts and derivatives: Rigid unconventional amphiphiles as dispersants, carriers and superstructure building blocks. Current Opinion in Colloid and Interface Science, 2015, 20, 170-182.	3.4	87
5	Supramolecular Structures Generated by ap-tert-Butylphenyl-amide Derivative of Cholic Acid: From Vesicles to Molecular Tubes. Advanced Materials, 2007, 19, 1752-1756.	11.1	78
6	Complexation of Bile Salts by Natural Cyclodextrins. Supramolecular Chemistry, 2003, 15, 33-43.	1.5	58
7	Catanionic Tubules with Tunable Charge. Angewandte Chemie - International Edition, 2010, 49, 6604-6607.	7.2	55
8	Rheological behaviour of an amide pectin. Journal of Food Engineering, 2002, 55, 123-129.	2.7	49
9	Synthesis and Characterization of a New Gemini Surfactant Derived from 3Î±,12Î±-Dihydroxy-5Î²-cholan-24-amine (Steroid Residue) and Ethylenediamintetraacetic Acid (Spacer). Langmuir, 2008, 24, 6060-6066.	1.6	47
10	Kinetics of formation of supramolecular tubules of a sodium cholate derivative. Soft Matter, 2009, 5, 3018.	1.2	46
11	Dynamic Rheology of Sodium Deoxycholate Gels. Langmuir, 2002, 18, 987-991.	1.6	44
12	New Lamellar Structure Formed by an Adamantyl Derivative of Cholic Acid. Journal of Physical Chemistry B, 2006, 110, 13679-13681.	1.2	43
13	Dendritic Growth of a Supramolecular Complex. Angewandte Chemie - International Edition, 2000, 39, 2856-2858.	7.2	38
14	pH sensitive tubules of a bile acid derivative: a tubule opening by release of wall leaves. Physical Chemistry Chemical Physics, 2013, 15, 7560.	1.3	37
15	Characterization of Carbon Nanotube Dispersions in Solutions of Bile Salts and Derivatives Containing Aromatic Substituents. Journal of Physical Chemistry B, 2014, 118, 1012-1021.	1.2	35
16	Catanionic Gels Based on Cholic Acid Derivatives. Langmuir, 2013, 29, 12342-12351.	1.6	33
17	Multi stimuli response of a single surfactant presenting a rich self-assembly behavior. RSC Advances, 2015, 5, 37800-37806.	1.7	27
18	Crystal structure of the supramolecular linear polymer formed by the self-assembly of mono-6-deoxy-6-adamantylamide-Î²-cyclodextrin. Acta Crystallographica Section B: Structural Science, 2004, 60, 204-210.	1.8	25

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19	Formation of tubules by p-tert-butylphenylamide derivatives of chenodeoxycholic and ursodeoxycholic acids in aqueous solution. Steroids, 2012, 77, 1205-1211.	0.8	23
20	Study on the Structure of Hostâ^'Guest Supramolecular Polymers. Macromolecules, 2007, 40, 5899-5906.	2.2	22
21	A step-by-step dilution-extraction method for laboratory experiments. Journal of Chemical Education, 1990, 67, 530.	1.1	20
22	Supramolecular Linear Conglomerates Formed by Î²-Cyclodextrin Dimers and Sodium Deoxycholate. Supramolecular Chemistry, 2002, 14, 397-404.	1.5	20
23	Spectra and structure of complexes formed by sodium fusidate and potassium helvolate with Î²- and Î³-cyclodextrin. Steroids, 2003, 68, 55-64.	0.8	20
24	Supramolecular Structures Generated by a p-tert-Butylphenylamide Derivative of Deoxycholic Acid. From Planar Sheets to Tubular Structures through Helical Ribbons. Langmuir, 2010, 26, 7768-7773.	1.6	20
25	Revealing the complex self-assembly behaviour of sodium deoxycholate in aqueous solution. Journal of Colloid and Interface Science, 2021, 604, 415-428.	5.0	20
26	Kinetic studies on the formation of N-nitroso compounds XI. Nitrosation of dimethylamine by nitrite esters in aqueous basic media. Monatshefte FÃ¼r Chemie, 1986, 117, 335-344.	0.9	19
27	Supramolecular assembly of a thermoresponsive steroidal surfactant with an oppositely charged thermoresponsive block copolymer. Physical Chemistry Chemical Physics, 2017, 19, 1504-1515.	1.3	19
28	Self-aggregation mechanism of a naphthylamide cationic derivative of cholic acid. From fibers to tubules. RSC Advances, 2014, 4, 5598.	1.7	16
29	Early Stages of Formation of Branched Hostâ^'Guest Supramolecular Polymers. Journal of Physical Chemistry B, 2008, 112, 8536-8541.	1.2	14
30	Aggregation Behavior of Tetracarboxylic Surfactants Derived from Cholic and Deoxycholic Acids and Ethylenediaminetetraacetic Acid. Langmuir, 2009, 25, 9037-9044.	1.6	13
31	Enantioresolution and Chameleonic Mimicry of 2-Butanol with an Adamantylacetyl Derivative of Cholic Acid. Crystal Growth and Design, 2010, 10, 1124-1129.	1.4	13
32	Solubilization of cholesterol in aqueous solution by two Î²-cyclodextrin dimers and a negatively charged Î²-cyclodextrin derivative. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2009, 63, 309-317.	1.6	12
33	pH Dependent Inâ^'Out Isomerism of an Amino-Î²-cyclodextrin Derivative. Journal of Physical Chemistry B, 2006, 110, 13399-13404.	1.2	11
34	Spontaneous Formation in the Solid State of Carbamate Derivatives of Bile Acids. Crystal Growth and Design, 2011, 11, 356-361.	1.4	10
35	Analysis of an old controversy: The compensation temperature for micellization of surfactants. Advances in Colloid and Interface Science, 2018, 254, 94-98.	7.0	10
36	Aggregation Behavior of Sodium Fusidate in Aqueous Solution. Journal of Pharmaceutical Sciences, 1994, 83, 828-832.	1.6	9

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37	Design of dialkyl surfactants from nitrilotriacetic acid as head group. RSC Advances, 2014, 4, 6869.	1.7	9
38	A tryptophan-substituted cholic acid: Expanding the family of labelled biomolecules. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2015, 483, 142-149.	2.3	9
39	Crystal structure of head-to-head dimers of cholic and deoxycholic acid derivatives with different symmetric bridges. Steroids, 2013, 78, 247-254.	0.8	8
40	Ice-like encapsulated water by two cholic acid moieties. Steroids, 2012, 77, 1228-1232.	0.8	7
41	A Standard Structure for Bile Acids and Derivatives. Crystals, 2018, 8, 86.	1.0	7
42	Influence of the solvent ability to form hydrogen bonds in the crystal structure of		