

Muriel Blanzat

List of Publications by Year in descending order

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39
papers

1,262
citations

361413

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docs citations

41
times ranked

1563
citing authors

#	ARTICLE	IF	CITATIONS
1	Drug Delivery by Soft Matter: Matrix and Vesicular Carriers. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 274-288.	13.8	387
2	Dendritic Catanionic Assemblies: In vitro Anti-HIV Activity of Phosphorus-Containing Dendrimers Bearing Gal ² 1cer Analogues. <i>ChemBioChem</i> , 2005, 6, 2207-2213.	2.6	77
3	Design of Original Bioactive Formulations Based on Sugar-“Surfactant/Non-steroidal Anti-inflammatory Catanionic Self-Assemblies: A New Way of Dermal Drug Delivery. <i>Chemistry - A European Journal</i> , 2007, 13, 3039-3047.	3.3	55
4	Phosphorus-containing dendrimers bearing galactosylceramide analogs: Self-assembly properties Electronic supplementary information (ESI) available: experimental. See http://www.rsc.org/suppdata/cc/b2/b204287h/ . <i>Chemical Communications</i> , 2002, , 1864-1865.	4.1	48
5	Sugar-Derived Tricatenar Catanionic Surfactant: Synthesis, Self-Assembly Properties, and Hydrophilic Probe Encapsulation by Vesicles. <i>Langmuir</i> , 2008, 24, 2326-2330.	3.5	48
6	Phosphonate terminated PPH dendrimers: influence of pendant alkyl chains on the in vitro anti-HIV-1 properties. <i>Organic and Biomolecular Chemistry</i> , 2009, 7, 3491.	2.8	40
7	Spontaneous formation of vesicles in a catanionic association involving a head and tail functionalized amino-calix[6]arene. <i>Chemical Communications</i> , 2010, 46, 586-588.	4.1	39
8	Multivalent catanionic GalCer analogs derived from first generation dendrimeric phosphonic acids. <i>Bioorganic and Medicinal Chemistry</i> , 2010, 18, 242-248.	3.0	38
9	Interaction studies reveal specific recognition of an anti-inflammatory polyphosphorhydrazone dendrimer by human monocytes. <i>Nanoscale</i> , 2015, 7, 17672-17684.	5.6	37
10	Catanionic sugar derived surfactants, polymers and dendrimers: from molecules to targeted self-organized systems. <i>Comptes Rendus Chimie</i> , 2005, 8, 807-814.	0.5	36
11	Polyvalent catanionic vesicles: Exploring the drug delivery mechanisms. <i>International Journal of Pharmaceutics</i> , 2011, 403, 230-236.	5.2	35
12	Synthesis and anti-HIV activity of catanionic analogs of galactosylceramide. <i>New Journal of Chemistry</i> , 1999, 23, 1063-1065.	2.8	30
13	Microstructures in aqueous solutions of hybrid fluorocarbon/hydrocarbon catanionic surfactants. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2004, 242, 195-201.	4.7	27
14	Spontaneous vesicles of single-chain sugar-based fluorocarbon surfactants. <i>Journal of Fluorine Chemistry</i> , 2005, 126, 33-38.	1.7	25
15	Sugar-Derived Tricatenar Catanionic Surfactant: Self-Assembly and Aggregation Behavior in the Catanionic-Rich Side of the System. <i>Langmuir</i> , 2008, 24, 9260-9267.	3.5	23
16	Gelled oil particles: A new approach to encapsulate a hydrophobic metallophthalocyanine. <i>Journal of Colloid and Interface Science</i> , 2013, 401, 155-160.	9.4	21
17	Versatile Cellular Uptake Mediated by Catanionic Vesicles: Simultaneous Spontaneous Membrane Fusion and Endocytosis. <i>Molecular Pharmaceutics</i> , 2015, 12, 103-110.	4.6	21
18	Vesicular systems for dermal and transdermal drug delivery. <i>RSC Advances</i> , 2021, 11, 442-451.	3.6	21

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19	Cineole-containing nanoemulsion: Development, stability, and antibacterial activity. <i>Chemistry and Physics of Lipids</i> , 2021, 239, 105113.	3.2	21
20	New Catanionic Triblock Amphiphiles: Supramolecular Organization of a Sugar-Derived Bolaamphiphile Associated with Dicarboxylates. <i>ChemPhysChem</i> , 2005, 6, 2492-2494.	2.1	20
21	Correlation between structure, aggregation behaviour and cellular toxicity of anti-HIV cationic analogues of galactosylceramide. <i>Chemical Communications</i> , 2003, , 244-245.	4.1	18
22	New Rebek imide-type receptors for adenine featuring acetylene-linked π -stacking platforms. <i>Organic and Biomolecular Chemistry</i> , 2004, 2, 1962-1964.	2.8	17
23	Cationic vesicles charged with chloroaluminium phthalocyanine for topical photodynamic therapy. In vitro phototoxicity towards human carcinoma and melanoma cell lines. <i>RSC Advances</i> , 2014, 4, 39372.	3.6	15
24	Theoretical and experimental characterization of amino-PEG-phosphonate-terminated Polyphosphorhydrazone dendrimers: Influence of size and PEG capping on cytotoxicity profiles. <i>Journal of Polymer Science Part A</i> , 2015, 53, 761-774.	2.3	13
25	Biodistribution and Biosafety of a Poly(Phosphorhydrazone) Dendrimer, an Anti-Inflammatory Drug-Candidate. <i>Biomolecules</i> , 2019, 9, 475.	4.0	13
26	Physical study of the arrangement of pure cationic glycolipids and interaction with phospholipids, in support of the optimisation of anti-HIV therapies. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2007, 303, 55-72.	4.7	12
27	An Anti-Inflammatory Poly(PhosphorHydrazone) Dendrimer Capped with AzaBisPhosphonate Groups to Treat Psoriasis. <i>Biomolecules</i> , 2020, 10, 949.	4.0	12
28	Influence of PPH dendrimers' surface functions on the activation of human monocytes: a study of their interactions with pure lipid model systems. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 21871-21880.	2.8	11
29	Interaction between GUVs and cationic nanocontainers: new insight into spontaneous membrane fusion. <i>Chemical Communications</i> , 2012, 48, 6648.	4.1	9
30	Bioactive Formulations with Sugar-Derived Surfactants: A New Approach for Photoprotection and Controlled Release of Promethazine. <i>ChemPhysChem</i> , 2013, 14, 1126-1131.	2.1	9
31	Synthesis and Physicochemical Study of New Surfactants Derived from Carboxylic Acid Sugars. <i>Journal of Dispersion Science and Technology</i> , 2001, 22, 167-176.	2.4	8
32	Interaction between cationic vesicles and giant magnetic vesicles. <i>Comptes Rendus Chimie</i> , 2009, 12, 38-44.	0.5	8
33	Self-Assembled Structures of Cationic Associations: How to Optimize Vesicle Formation?. <i>Journal of Surfactants and Detergents</i> , 2010, 13, 465-473.	2.1	8
34	Use of a fluorescent aminodeoxylactitol to measure the stability of anti-HIV cationic dendrimers by spectrofluorimetry. <i>Tetrahedron Letters</i> , 2015, 56, 1566-1569.	1.4	7
35	Cationic Porphyrin-Anionic Surfactant Mixtures for the Promotion of Self-Organized 1:4 Ion Pairs in Water with Strong Aggregation Properties. <i>ChemPhysChem</i> , 2015, 16, 3877-3885.	2.1	6
36	Influence of Structural Parameters on the Self-Association Properties of Anti-HIV Cationic Dendrimers. <i>ChemPhysChem</i> , 2015, 16, 3433-3437.	2.1	5

#	ARTICLE	IF	CITATIONS
37	Supramolecular and Macromolecular Matrix Nanocarriers for Drug Delivery in Inflammation-Associated Skin Diseases. <i>Pharmaceutics</i> , 2020, 12, 1224.	4.5	3
38	CATANIONIC SUGAR DERIVED AMPHIPHILES: FROM MOLECULES TO TARGETED BIOMIMETIC SYSTEMS. <i>Biophysical Reviews and Letters</i> , 2006, 01, 423-431.	0.8	1
39	Development and in vitro cytotoxicity assessment of nanoemulsified lawsone. <i>Chemical Papers</i> , 2022, 76, 5043-5050.	2.2	1