

Aurelie A Malzert-Freon

List of Publications by Year in descending order

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37
papers

766
citations

516710

16
h-index

526287

27
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37
all docs

37
docs citations

37
times ranked

1197
citing authors

#	ARTICLE	IF	CITATIONS
1	How nano-engineered delivery systems can help marketed and repurposed drugs in Alzheimer's disease treatment?. <i>Drug Discovery Today</i> , 2022, 27, 1575-1589.	6.4	8
2	Relevant Physicochemical Methods to Functionalize, Purify, and Characterize Surface-Decorated Lipid-Based Nanocarriers. <i>Molecular Pharmaceutics</i> , 2021, 18, 44-64.	4.6	8
3	Drimane Derivatives as the First Examples of Covalent BH3 Mimetics that Target MCL-1. <i>ChemMedChem</i> , 2021, 16, 1789-1798.	3.2	4
4	β -Amyloid peptide interactions with biomimetic membranes: A multiparametric characterization. <i>International Journal of Biological Macromolecules</i> , 2021, 181, 769-777.	7.5	6
5	Active Targeted Nanoemulsions for Repurposing of Tegaserod in Alzheimer's Disease Treatment. <i>Pharmaceutics</i> , 2021, 13, 1626.	4.5	9
6	A winning strategy to improve the anticancer properties of Cisplatin and Quercetin based on the nanoemulsions formulation. <i>Journal of Drug Delivery Science and Technology</i> , 2021, 66, 102907.	3.0	8
7	Synthesis of Pyridoclast Analogues: Insight into Their Druggability by Investigating Their Physicochemical Properties and Interactions with Membranes. <i>ChemMedChem</i> , 2020, 15, 136-154.	3.2	4
8	Pyridoclast-loaded nanoemulsion for enhanced anticancer effect on ovarian cancer. <i>International Journal of Pharmaceutics</i> , 2020, 587, 119655.	5.2	11
9	Antikinetoplastid SAR study in 3-nitroimidazopyridine series: Identification of a novel non-genotoxic and potent anti- <i>T. brucei</i> hit-compound with improved pharmacokinetic properties. <i>European Journal of Medicinal Chemistry</i> , 2020, 206, 112668.	5.5	11
10	Design of Non-Haemolytic Nanoemulsions for Intravenous Administration of Hydrophobic APIs. <i>Pharmaceutics</i> , 2020, 12, 1141.	4.5	12
11	Pharmacotechnical Development of a Nasal Drug Delivery Composite Nanosystem Intended for Alzheimer's Disease Treatment. <i>Pharmaceutics</i> , 2020, 12, 251.	4.5	43
12	8-Alkynyl-3-nitroimidazopyridines display potent antitrypanosomal activity against both <i>T. brucei</i> and <i>cruzi</i> . <i>European Journal of Medicinal Chemistry</i> , 2020, 202, 112558.	5.5	15
13	New 8-Nitroquinolinone Derivative Displaying Submicromolar <i>in Vitro</i> Activities against Both <i>Trypanosoma brucei</i> and <i>cruzi</i> . <i>ACS Medicinal Chemistry Letters</i> , 2020, 11, 464-472.	2.8	8
14	<i>Anchusa azurea</i> Mill. (Boraginaceae) aerial parts methanol extract interfering with cytoskeleton organization induces programmed cancer cells death. <i>Food and Function</i> , 2019, 10, 4280-4290.	4.6	31
15	Microplate assay for lipophilicity determination using intrinsic fluorescence of drugs: Application to a promising anticancer lead, pyridoclast. <i>European Journal of Pharmaceutical Sciences</i> , 2019, 131, 75-83.	4.0	6
16	Benzylphenylpyrrolizinones with Anti- β -amyloid and Radical Scavenging Effects, Potentially Useful in Alzheimer's Disease Treatment. <i>ChemMedChem</i> , 2017, 12, 913-916.	3.2	10
17	Comparison of 2 strategies to enhance pyridoclast solubility: Nanoemulsion delivery system versus salt synthesis. <i>European Journal of Pharmaceutical Sciences</i> , 2017, 97, 218-226.	4.0	18
18	Multifaceted properties of 1,4-dimethylcarbazoles: Focus on trimethoxybenzamide and trimethoxyphenylurea derivatives as novel human topoisomerase II inhibitors. <i>European Journal of Pharmaceutical Sciences</i> , 2017, 96, 263-272.	4.0	49

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19	Novel benzylidenephénylpyrrolizinones with pleiotropic activities potentially useful in Alzheimer's disease treatment. <i>European Journal of Medicinal Chemistry</i> , 2016, 114, 365-379.	5.5	12
20	Evaluation of the versatile character of a nanoemulsion formulation. <i>International Journal of Pharmaceutics</i> , 2016, 498, 49-65.	5.2	38
21	Novel Multitarget-Directed Ligands (MTDLs) with Acetylcholinesterase (AChE) Inhibitory and Serotonergic Subtype 4 Receptor (5-HT ₄ R) Agonist Activities As Potential Agents against Alzheimer's Disease: The Design of Donecopride. <i>Journal of Medicinal Chemistry</i> , 2015, 58, 3172-3187.	6.4	100
22	Sensitization of ovarian carcinoma cells to Bcl-xL-targeting strategies through indirect modulation of Mcl-1 activity by MR22388, a molecule of the triptentone family. <i>Journal of Ovarian Research</i> , 2013, 6, 38.	3.0	3
23	Rapid and soft formulation of folate-functionalized nanoparticles for the targeted delivery of triptentone in ovarian carcinoma. <i>International Journal of Pharmaceutics</i> , 2013, 458, 197-207.	5.2	15
24	Nanocarriers for the targeted treatment of ovarian cancers. <i>Biomaterials</i> , 2013, 34, 1073-1101.	11.4	64
25	Partial Least Squares Analysis and Mixture Design for the Study of the Influence of Composition Variables on Lipidic Nanoparticle Characteristics. <i>Journal of Pharmaceutical Sciences</i> , 2010, 99, 4603-4615.	3.3	17
26	Influence of the introduction of a solubility enhancer on the formulation of lipidic nanoparticles with improved drug loading rates. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2010, 75, 117-127.	4.3	19
27	Interactions between poly(ethylene glycol) and protein in dichloromethane/water emulsions. 2. Conditions required to obtain spontaneous emulsification allowing the formation of bioresorbable poly(D,L lactic acid) microparticles. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2009, 73, 66-73.	4.3	3
28	Interactions between poly(ethylene glycol) and protein in dichloromethane/water emulsions: A study of interfacial properties. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2008, 69, 835-843.	4.3	18
29	Formulation of sustained release nanoparticles loaded with a triptentone, a new anticancer agent. <i>International Journal of Pharmaceutics</i> , 2006, 320, 157-164.	5.2	34
30	Interactions between hen egg-white lysozyme, PEG2,000, and PLA50 at the air-water interface. <i>Colloids and Surfaces B: Biointerfaces</i> , 2005, 42, 97-106.	5.0	8
31	Enzymatic hydrolysis by cutinase of PEG-co PLA copolymers spread monolayers. <i>Colloids and Surfaces B: Biointerfaces</i> , 2003, 32, 307-320.	5.0	17
32	Interfacial properties of adsorbed films made of a PEG2000 and PLA50 mixture or a copolymer at the dichloromethane-water interface. <i>Journal of Colloid and Interface Science</i> , 2003, 259, 398-407.	9.4	14
33	Basic and enzymatic hydrolysis in mixed polyethylene glycol/poly(D,L-lactide-co-glycolide) films spread at the air-water interface. <i>Colloids and Surfaces B: Biointerfaces</i> , 2002, 23, 7-21.	5.0	6
34	Influence of some formulation parameters on lysozyme adsorption and on its stability in solution. <i>International Journal of Pharmaceutics</i> , 2002, 242, 405-409.	5.2	24
35	Rheological Model for the Study of Dilational Properties of Monolayers. Comportment of Dipalmitoylphosphatidylcholine (DPPC) at the Dichloromethane (DCM)/Water Interface under Ramp Type or Sinusoidal Perturbations. <i>Langmuir</i> , 2001, 17, 8104-8111.	3.5	70
36	Interfacial Properties of a PEG2000-PLA50 Diblock Copolymer at the Air/Water Interface. <i>Langmuir</i> , 2001, 17, 7837-7841.	3.5	19

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37	Interfacial Properties of Mixed Polyethylene Glycol/Poly(d,l-lactide-co-glycolide) Films Spread at the Air/Water Interface. Langmuir, 2000, 16, 1861-1867.	3.5	24