Aurelie A Malzert-Freon

List of Publications by Year
in descending order

37 papers	766 citations	516710 16 h-index	526287 27 g-index
37 all docs	37 docs citations	37 times ranked	1197 citing authors

#	Article	IF	Citations
1	Novel Multitarget-Directed Ligands (MTDLs) with Acetylcholinesterase (AChE) Inhibitory and Serotonergic Subtype 4 Receptor (5-HT₄R) Agonist Activities As Potential Agents against Alzheimerâ€™s Disease: The Design of Donecopride. Journal of Medicinal Chemistry, 2015, 58, 3172-3187.	6.4	100
2	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. Langmuir, 2001, 17, 8104-8111.	3.5	70
3	Nanocarriers for the targeted treatment of ovarian cancers. Biomaterials, 2013, 34, 1073-1101.	11.4	64
4	Multifaceted properties of 1,4-dimethylcarbazoles: Focus on trimethoxybenzamide and trimethoxyphenylurea derivatives as novel human topoisomerase II inhibitors. European Journal of Pharmaceutical Sciences, 2017, 96, 263-272.	4.0	49
5	Pharmacotechnical Development of a Nasal Drug Delivery Composite Nanosystem Intended for Alzheimerâ€™s Disease Treatment. Pharmaceutics, 2020, 12, 251.	4.5	43
6	Evaluation of the versatile character of a nanoemulsion formulation. International Journal of Pharmaceutics, 2016, 498, 49-65.	5.2	38
7	Formulation of sustained release nanoparticles loaded with a tripentone, a new anticancer agent. International Journal of Pharmaceutics, 2006, 320, 157-164.	5.2	34
8	Anchusa azurea Mill. (Boraginaceae) aerial parts methanol extract interfering with cytoskeleton organization induces programmed cancer cells death. Food and Function, 2019, 10, 4280-4290.	4.6	31
9	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
10	Influence of some formulation parameters on lysozyme adsorption and on its stability in solution. International Journal of Pharmaceutics, 2002, 242, 405-409.	5.2	24
11	Interfacial Properties of a PEG2000â^'PLA50 Diblock Copolymer at the Air/Water Interface. Langmuir, 2001, 17, 7837-7841.	3.5	19
12	Influence of the introduction of a solubility enhancer on the formulation of lipidic nanoparticles with improved drug loading rates. European Journal of Pharmaceutics and Biopharmaceutics, 2010, 75, 117-127.	4.3	19
13	Interactions between poly(ethylene glycol) and protein in dichloromethane/water emulsions: A study of interfacial properties. European Journal of Pharmaceutics and Biopharmaceutics, 2008, 69, 835-843.	4.3	18
14	Comparison of 2 strategies to enhance pyridoclax solubility: Nanoemulsion delivery system versus salt synthesis. European Journal of Pharmaceutical Sciences, 2017, 97, 218-226.	4.0	18
15	Enzymatic hydrolysis by cutinase of PEG-co PLA copolymers spread monolayers. Colloids and Surfaces B: Biointerfaces, 2003, 32, 307-320.	5.0	17
16	Partial Least Squares Analysis and Mixture Design for the Study of the Influence of Composition Variables on Lipidic Nanoparticle Characteristics. Journal of Pharmaceutical Sciences, 2010, 99, 4603-4615.	3.3	17
17	Rapid and soft formulation of folate-functionalized nanoparticles for the targeted delivery of tripentone in ovarian carcinoma. International Journal of Pharmaceutics, 2013, 458, 197-207.	5.2	15
18	8-Alkynyl-3-nitroimidazopyridines display potent antitrypanosomal activity against both T.Âb. brucei and cruzi. European Journal of Medicinal Chemistry, 2020, 202, 112558.	5.5	15

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19	Interfacial properties of adsorbed films made of a PEG2000 and PLA50 mixture or a copolymer at the dichloromethaneâ€“water interface. Journal of Colloid and Interface Science, 2003, 259, 398-407.	9.4	14
20	Novel benzylidenephenylpyrrolizinones with pleiotropic activities potentially useful in Alzheimer's disease treatment. European Journal of Medicinal Chemistry, 2016, 114, 365-379.	5.5	12
21	Design of Non-Haemolytic Nanoemulsions for Intravenous Administration of Hydrophobic APIs. Pharmaceutics, 2020, 12, 1141.	4.5	12
22	Pyridoclax-loaded nanoemulsion for enhanced anticancer effect on ovarian cancer. International Journal of Pharmaceutics, 2020, 587, 119655.	5.2	11
23	Antikinetoplastid SAR study in 3-nitroimidazopyridine series: Identification of a novel non-genotoxic and potent anti-T.Âb. brucei hit-compound with improved pharmacokinetic properties. European Journal of Medicinal Chemistry, 2020, 206, 112668.	5.5	11
24	Benzylphenylpyrrolizinones with Antiâ€amyloid and Radical Scavenging Effects, Potentially Useful in Alzheimer's Disease Treatment. ChemMedChem, 2017, 12, 913-916.	3.2	10
25	Active Targeted Nanoemulsions for Repurposing of Tegaserod in Alzheimerâ€™s Disease Treatment. Pharmaceutics, 2021, 13, 1626.	4.5	9
26	Interactions between hen egg-white lysozyme, PEG2,000, and PLA50 at the airâ€“water interface. Colloids and Surfaces B: Biointerfaces, 2005, 42, 97-106.	5.0	8
27	New 8-Nitroquinolinone Derivative Displaying Submicromolar in Vitro Activities against Both Trypanosoma brucei and cruzi. ACS Medicinal Chemistry Letters, 2020, 11, 464-472.	2.8	8
28	Relevant Physicochemical Methods to Functionalize, Purify, and Characterize Surface-Decorated Lipid-Based Nanocarriers. Molecular Pharmaceutics, 2021, 18, 44-64.	4.6	8
29	A winning strategy to improve the anticancer properties of Cisplatin and Quercetin based on the nanoemulsions formulation. Journal of Drug Delivery Science and Technology, 2021, 66, 102907.	3.0	8
30	How nano-engineered delivery systems can help marketed and repurposed drugs in Alzheimerâ€™s disease treatment?. Drug Discovery Today, 2022, 27, 1575-1589.	6.4	8
31	Basic and enzymatic hydrolysis in mixed polyethylene glycol/poly(d,l-lactide-co-glycolide) films spread at the air-water interface. Colloids and Surfaces B: Biointerfaces, 2002, 23, 7-21.	5.0	6
32	Microplate assay for lipophilicity determination using intrinsic fluorescence of drugs: Application to a promising anticancer lead, pyridoclax. European Journal of Pharmaceutical Sciences, 2019, 131, 75-83.	4.0	6
33	Î²-Amyloid peptide interactions with biomimetic membranes: A multiparametric characterization. International Journal of Biological Macromolecules, 2021, 181, 769-777.	7.5	6
34	Synthesis of Pyridoclax Analogues: Insight into Their Druggability by Investigating Their Physicochemical Properties and Interactions with Membranes. ChemMedChem, 2020, 15, 136-154.	3.2	4
35	Drimane Derivatives as the First Examples of Covalent BH3 Mimetics that Target MCLâ€1. ChemMedChem, 2021, 16, 1789-1798.	3.2	4
36	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. European Journal of Pharmaceutics and Biopharmaceutics, 2009, 73, 66-73.	4.3	3

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37	Sensitization of ovarian carcinoma cells to Bcl-xL-targeting strategies through indirect modulation of Mcl-1 activity by MR22388, a molecule of the tripentone family. Journal of Ovarian Research, 2013, 6, 38.	3.0	3