

Marie Alexandrine Bolzinger

List of Publications by Year in descending order

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61
papers

4,284
citations

230014

27
h-index

169272

56
g-index

61
all docs

61
docs citations

61
times ranked

6304
citing authors

#	ARTICLE	IF	CITATIONS
1	Formulation of Pickering emulsions for the development of surfactant-free sunscreen creams. International Journal of Cosmetic Science, 2021, 43, 432-445.	1.2	13
2	Skin absorption of mixed halide anions from concentrated aqueous solutions. European Journal of Pharmaceutical Sciences, 2021, 166, 105985.	1.9	0
3	Inorganic ions in the skin: Allies or enemies?. International Journal of Pharmaceutics, 2020, 591, 119991.	2.6	7
4	Décontamination sèche de toxiques chimique et biologique. Medecine De Catastrophe Urgences Collectives, 2020, 4, 313-316.	0.1	0
5	The effect of vehicle on skin absorption of Mg ²⁺ and Ca ²⁺ from thermal spring water. International Journal of Cosmetic Science, 2020, 42, 248-258.	1.2	9
6	Metal oxide nanoparticles for the decontamination of toxic chemical and biological compounds. International Journal of Pharmaceutics, 2020, 583, 119373.	2.6	27
7	Synthesis routes of CeO ₂ nanoparticles dedicated to organophosphorus degradation: a benchmark. CrystEngComm, 2020, 22, 1725-1737.	1.3	20
8	Formulation of survival acceptor medium able to maintain the viability of skin explants over <i>in vitro</i> dermal experiments. International Journal of Cosmetic Science, 2019, 41, 617-623.	1.2	6
9	Micelles and Nanoemulsions. , 2019, , 47-72.		6
10	Subtle and unexpected role of PEG in tuning the penetration mechanisms of PLA-based nano-formulations into intact and impaired skin. International Journal of Pharmaceutics, 2019, 563, 79-90.	2.6	12
11	Shape-selective synthesis of nanoceria for degradation of paraoxon as a chemical warfare simulant. Physical Chemistry Chemical Physics, 2019, 21, 5455-5465.	1.3	45
12	Effect of surface chemistry of polymeric nanoparticles on cutaneous penetration of cholecalciferol. International Journal of Pharmaceutics, 2018, 553, 120-131.	2.6	19
13	Actinide-contaminated Skin: Comparing Decontamination Efficacy of Water, Cleansing Gels, and DTPA Gels. Health Physics, 2018, 115, 12-20.	0.3	10
14	Polymeric nanocapsules as drug carriers for sustained anticancer activity of calcitriol in breast cancer cells. International Journal of Pharmaceutics, 2018, 550, 170-179.	2.6	33
15	Penetration and decontamination of americium-241 <i>ex vivo</i> using fresh and frozen pig skin. Chemico-Biological Interactions, 2017, 267, 40-47.	1.7	10
16	<i>In vitro</i> skin decontamination of the organophosphorus pesticide Paraoxon with nanometric cerium oxide CeO ₂ . Chemico-Biological Interactions, 2017, 267, 57-66.	1.7	32
17	Skin absorption of actinides: influence of solvents or chelates on skin penetration <i>ex vivo</i> . International Journal of Radiation Biology, 2017, 93, 607-616.	1.0	4
18	Confocal Raman Spectroscopy as a Tool to Investigate the Action of Penetration Enhancers Inside the Skin. , 2017, , 229-246.		0

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19	Pickering emulsions stabilized by biodegradable block copolymer micelles for controlled topical drug delivery. <i>International Journal of Pharmaceutics</i> , 2017, 531, 134-142.	2.6	39
20	Skin Absorption of Anions: Part One. Methodology for In Vitro Cutaneous Absorption Measurements. <i>Pharmaceutical Research</i> , 2016, 33, 1564-1575.	1.7	10
21	Pickering emulsions for skin decontamination. <i>Toxicology in Vitro</i> , 2016, 34, 45-54.	1.1	24
22	Pickering emulsions stabilized by charged nanoparticles. <i>Soft Matter</i> , 2016, 12, 7564-7576.	1.2	78
23	Skin Absorption of Anions: Part Two. Skin Absorption of Halide Ions. <i>Pharmaceutical Research</i> , 2016, 33, 1576-1586.	1.7	9
24	Antimicrobial films containing microparticles for the enhancement of long-term sustained release. <i>Drug Development and Industrial Pharmacy</i> , 2016, 42, 818-824.	0.9	7
25	Pickering Emulsions for Controlled Drug Delivery to the Skin. , 2015, , 267-281.		5
26	Skin delivery by block copolymer nanoparticles (block copolymer micelles). <i>International Journal of Pharmaceutics</i> , 2015, 496, 1034-1046.	2.6	25
27	Surfactants have multi-fold effects on skin barrier function. <i>European Journal of Dermatology</i> , 2015, 25, 424-435.	0.3	24
28	Zinc oxide as a new antimicrobial preservative of topical products: Interactions with common formulation ingredients. <i>International Journal of Pharmaceutics</i> , 2015, 479, 88-95.	2.6	79
29	Skin toxicity of surfactants: Structure/toxicity relationships. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2015, 469, 166-179.	2.3	96
30	The parameters influencing the morphology of poly(ϵ -caprolactone) microspheres and the resulting release of encapsulated drugs. <i>International Journal of Pharmaceutics</i> , 2015, 494, 152-166.	2.6	21
31	NanoPickering: Pickering Nanoemulsions Stabilized by Bare Silica Nanoparticles. <i>Journal of Colloid Science and Biotechnology</i> , 2015, 4, 110-116.	0.2	3
32	Antimicrobial activity of zinc oxide particles on five micro-organisms of the Challenge Tests related to their physicochemical properties. <i>International Journal of Pharmaceutics</i> , 2014, 460, 92-100.	2.6	143
33	Effectiveness of grafting modes of methoxycinnamate sunscreen onto silica particles. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2014, 441, 653-663.	2.3	11
34	The contribution of zinc ions to the antimicrobial activity of zinc oxide. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2014, 457, 263-274.	2.3	380
35	Emulsions stabilized with solid nanoparticles: Pickering emulsions. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2013, 439, 23-34.	2.3	1,292
36	Hairy skin exposure to VX in vitro: Effectiveness of delayed decontamination. <i>Toxicology in Vitro</i> , 2013, 27, 358-366.	1.1	35

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37	Biopharmaceutical Evaluation of Various Dosage Forms Intended for Caffeine Topical Delivery. <i>Issues in Toxicology</i> , 2013, , 88-100.	0.2	3
38	Nanoparticles via Nanoprecipitation Process. <i>Recent Patents on Drug Delivery and Formulation</i> , 2012, 6, 250-258.	2.1	12
39	Emulsions stabilized with organic solid particles. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2012, 413, 252-259.	2.3	40
40	Penetration of drugs through skin, a complex rate-controlling membrane. <i>Current Opinion in Colloid and Interface Science</i> , 2012, 17, 156-165.	3.4	208
41	Confocal Raman Microspectroscopy for Evaluating the Stratum Corneum Removal by 3 Standard Methods. <i>Skin Pharmacology and Physiology</i> , 2011, 24, 103-112.	1.1	33
42	Human scalp permeability to the chemical warfare agent VX. <i>Toxicology in Vitro</i> , 2011, 25, 1974-1980.	1.1	26
43	Confocal Raman microspectroscopy of the skin. <i>European Journal of Dermatology</i> , 2011, 21, 851-863.	0.3	28
44	Ingredients Tracking of Cosmetic Formulations in the Skin: A Confocal Raman Microscopy Investigation. <i>Pharmaceutical Research</i> , 2011, 28, 858-872.	1.7	48
45	Microemulsion Microstructure Influences the Skin Delivery of an Hydrophilic Drug. <i>Pharmaceutical Research</i> , 2011, 28, 1683-1695.	1.7	49
46	Nanoparticles through the skin: managing conflicting results of inorganic and organic particles in cosmetics and pharmaceuticals. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2011, 3, 463-478.	3.3	53
47	Development of an original method to study drug release from polymeric nanocapsules in the skin. <i>Journal of Pharmacy and Pharmacology</i> , 2010, 62, 35-45.	1.2	17
48	Effects of solid particle content on properties of o/w Pickering emulsions. <i>Journal of Colloid and Interface Science</i> , 2010, 351, 348-356.	5.0	270
49	Skin contamination by radiopharmaceuticals and decontamination strategies. <i>International Journal of Pharmaceutics</i> , 2010, 402, 44-49.	2.6	23
50	rhEGF microsphere formulation and in vitro skin evaluation. <i>Journal of Microencapsulation</i> , 2010, 27, 14-24.	1.2	4
51	Skin absorption studies of octyl-methoxycinnamate loaded poly(D,L-lactide) nanoparticles: Estimation of the UV filter distribution and release behaviour in skin layers. <i>Journal of Microencapsulation</i> , 2010, 27, 253-262.	1.2	32
52	Expression of estrogen-related receptor beta (ERR β) in human skin. <i>European Journal of Dermatology</i> , 2010, 20, 719-23.	0.3	10
53	Pickering w/o emulsions: Drug release and topical delivery. <i>International Journal of Pharmaceutics</i> , 2009, 368, 7-15.	2.6	242
54	Topical delivery of lipophilic drugs from o/w Pickering emulsions. <i>International Journal of Pharmaceutics</i> , 2009, 371, 56-63.	2.6	258

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55	Pickering emulsions with bare silica. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2009, 343, 70-74.	2.3	168
56	Topical delivery of cosmetics and drugs. Molecular aspects of percutaneous absorption and delivery. <i>European Journal of Dermatology</i> , 2009, 19, 309-323.	0.3	71
57	Assessment of oil polarity: Comparison of evaluation methods. <i>International Journal of Pharmaceutics</i> , 2008, 348, 89-94.	2.6	32
58	Expression of oestrogen-related receptor alpha in human epidermis. <i>Experimental Dermatology</i> , 2008, 17, 208-213.	1.4	5
59	Percutaneous release of caffeine from microemulsion, emulsion and gel dosage forms. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2008, 68, 446-451.	2.0	66
60	Expression of estrogen-related receptor gamma (ERRgamma) in human skin. <i>European Journal of Dermatology</i> , 2008, 18, 427-32.	0.3	9
61	Improvement of a bovine serum albumin microencapsulation process by screening design. <i>International Journal of Pharmaceutics</i> , 2007, 344, 16-25.	2.6	43