

Emilie Munnier

List of Publications by Year in descending order

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43
papers

1,456
citations

430874

18
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315739

38
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43
all docs

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docs citations

43
times ranked

2573
citing authors

#	ARTICLE	IF	CITATIONS
1	Highlighting the efficiency of ultrasound-based emulsifier-free emulsions to penetrate reconstructed human skin. <i>International Journal of Cosmetic Science</i> , 2022, , .	2.6	2
2	Monitoring water content in NADES extracts from <i>Spirulina</i> biomass by means of ATR-IR spectroscopy. <i>Analytical Methods</i> , 2022, , .	2.7	1
3	Estimating the Analytical Performance of Raman Spectroscopy for Quantification of Active Ingredients in Human Stratum Corneum. <i>Molecules</i> , 2022, 27, 2843.	3.8	9
4	Monitoring dermal penetration and permeation kinetics of topical products; the role of Raman microspectroscopy. <i>TrAC - Trends in Analytical Chemistry</i> , 2022, 156, 116709.	11.4	6
5	Influence of PLGA nanoparticles on the deposition of model water-soluble biocompatible polymers by dip coating. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 608, 125591.	4.7	12
6	Polymer-Based Smart Drug Delivery Systems for Skin Application and Demonstration of Stimuli-Responsiveness. <i>Polymers</i> , 2021, 13, 1285.	4.5	52
7	Comparison of Raman and attenuated total reflectance (ATR) infrared spectroscopy for water quantification in natural deep eutectic solvent. <i>Analytical and Bioanalytical Chemistry</i> , 2021, 413, 4785-4799.	3.7	12
8	In Situ Water Quantification in Natural Deep Eutectic Solvents Using Portable Raman Spectroscopy. <i>Molecules</i> , 2021, 26, 5488.	3.8	5
9	Confocal Raman Spectroscopic Imaging for Evaluation of Distribution of Nano-Formulated Hydrophobic Active Cosmetic Ingredients in Hydrophilic Films. <i>Molecules</i> , 2021, 26, 7440.	3.8	5
10	Quantification of low-content encapsulated active cosmetic ingredients in complex semi-solid formulations by means of attenuated total reflectance-infrared spectroscopy. <i>Analytical and Bioanalytical Chemistry</i> , 2020, 412, 159-169.	3.7	5
11	Raman mapping coupled to self-modelling MCR-ALS analysis to estimate active cosmetic ingredient penetration profile in skin. <i>Journal of Biophotonics</i> , 2020, 13, e202000136.	2.3	11
12	Homogeneous distribution of fatty ester-based active cosmetic ingredients in hydrophilic thin films by means of nanodispersion. <i>International Journal of Cosmetic Science</i> , 2020, 42, 512-519.	2.6	8
13	Freezing Weakens the Barrier Function of Reconstructed Human Epidermis as Evidenced by Raman Spectroscopy and Percutaneous Permeation. <i>Pharmaceutics</i> , 2020, 12, 1041.	4.5	9
14	Three-Step Synthesis of a Redox-Responsive Blend of PEG-block-PLA and PLA and Application to the Nanoencapsulation of Retinol. <i>Polymers</i> , 2020, 12, 2350.	4.5	7
15	Nanovectorized Microalgal Extracts to Fight <i>Candida albicans</i> and <i>Cutibacterium acnes</i> Biofilms: Impact of Dual-Species Conditions. <i>Antibiotics</i> , 2020, 9, 279.	3.7	6
16	ATR-IR spectroscopy for rapid quantification of water content in deep eutectic solvents. <i>Journal of Molecular Liquids</i> , 2020, 311, 113361.	4.9	28
17	gH625 Cell-Penetrating Peptide Promotes the Endosomal Escape of Nanovectorized siRNA in a Triple-Negative Breast Cancer Cell Line. <i>Biomacromolecules</i> , 2019, 20, 3076-3086.	5.4	20
18	Versatile electrostatically assembled polymeric siRNA nanovectors: Can they overcome the limits of siRNA tumor delivery?. <i>International Journal of Pharmaceutics</i> , 2019, 567, 118432.	5.2	19

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19	Spirulina platensis sustainable lipid extracts in alginate-based nanocarriers: An algal approach against biofilms. <i>Algal Research</i> , 2019, 37, 160-168.	4.6	18
20	Confocal Raman spectroscopic imaging for in vitro monitoring of active ingredient penetration and distribution in reconstructed human epidermis model. <i>Journal of Biophotonics</i> , 2018, 11, e201700221.	2.3	18
21	ATR-IR coupled to partial least squares regression (PLSR) for monitoring an encapsulated active molecule in complex semi-solid formulations. <i>Analyst</i> , The, 2018, 143, 2377-2389.	3.5	6
22	Fluorescence Microscopy as a Tool for Nanomedicine-Cell Interactions Study: Input of Particle Design and of Analytical Strategy. <i>Microscopy and Microanalysis</i> , 2018, 24, 1316-1317.	0.4	0
23	Formulation and in vitro evaluation of a siRNA delivery nanosystem decorated with gH625 peptide for triple negative breast cancer theranosis. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2018, 131, 99-108.	4.3	41
24	Bare laser-synthesized Si nanoparticles as functional elements for chitosan nanofiber-based tissue engineering platforms. , 2018, , .		1
25	Lipid-based submicron capsules as a strategy to include high concentrations of a hydrophobic lightening agent in a hydrogel. <i>International Journal of Cosmetic Science</i> , 2017, 39, 450-456.	2.6	8
26	Toward multifunctional hybrid platforms for tissue engineering based on chitosan(PEO) nanofibers functionalized by bare laser-synthesized Au and Si nanoparticles. <i>RSC Advances</i> , 2017, 7, 31759-31766.	3.6	27
27	Quantitative analysis of curcumin-loaded alginate nanocarriers in hydrogels using Raman and attenuated total reflection infrared spectroscopy. <i>Analytical and Bioanalytical Chemistry</i> , 2017, 409, 4593-4605.	3.7	19
28	Qualitative and Quantitative Study of the Potential of Lipid Nanocapsules of One Hundred Twenty Nanometers for the Topical Administration of Hydrophobic Molecules. <i>Journal of Pharmaceutical Sciences</i> , 2016, 105, 3191-3198.	3.3	12
29	On the interaction of alginate-based core-shell nanocarriers with keratinocytes in vitro. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 142, 272-280.	5.0	14
30	Novel alginate-based nanocarriers as a strategy to include high concentrations of hydrophobic compounds in hydrogels for topical application. <i>Nanotechnology</i> , 2015, 26, 255101.	2.6	31
31	Analysis of doxorubicin distribution in MCF-7 cells treated with drug-loaded nanoparticles by combination of two fluorescence-based techniques, confocal spectral imaging and capillary electrophoresis. <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 3425-3435.	3.7	11
32	SERS spectroscopic approach to study doxorubicin complexes with Fe ²⁺ ions and drug release from SPION-based nanocarriers. <i>Analyst</i> , The, 2013, 138, 7354.	3.5	33
33	Recent advances in theranostic nanocarriers of doxorubicin based on iron oxide and gold nanoparticles. <i>Journal of Controlled Release</i> , 2013, 169, 48-61.	9.9	120
34	Pegylated magnetic nanocarriers for doxorubicin delivery: A quantitative determination of stealthiness in vitro and in vivo. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2012, 81, 498-505.	4.3	62
35	A pharmaceutical study of doxorubicin-loaded PEGylated nanoparticles for magnetic drug targeting. <i>International Journal of Pharmaceutics</i> , 2012, 423, 16-25.	5.2	101
36	Doxorubicin delivered to MCF-7 cancer cells by superparamagnetic iron oxide nanoparticles: effects on subcellular distribution and cytotoxicity. <i>Journal of Nanoparticle Research</i> , 2011, 13, 959-971.	1.9	33

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37	Synthesis and Evaluation of Novel Biocompatible Super-paramagnetic Iron Oxide Nanoparticles as Magnetic Anticancer Drug Carrier and Fluorescence Active Label. <i>Journal of Physical Chemistry C</i> , 2010, 114, 5850-5858.	3.1	53
38	Novel method of doxorubicin-SPION reversible association for magnetic drug targeting. <i>International Journal of Pharmaceutics</i> , 2008, 363, 170-176.	5.2	133
39	The development of stable aqueous suspensions of PEGylated SPIONs for biomedical applications. <i>Nanotechnology</i> , 2008, 19, 465608.	2.6	113
40	On the Interaction of Doxorubicin with Oleate Ions: Fluorescence Spectroscopy and Liquid-Liquid Extraction Study. <i>Chemical and Pharmaceutical Bulletin</i> , 2007, 55, 1006-1010.	1.3	26
41	Optimization of iron oxide nanoparticles encapsulation within poly(D,L-lactide-co-glycolide) sub-micron particles. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2007, 67, 31-38.	4.3	95
42	Comparative study of doxorubicin-loaded poly(lactide-co-glycolide) nanoparticles prepared by single and double emulsion methods. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2007, 66, 488-492.	4.3	169
43	Nanovectors for anticancer agents based on superparamagnetic iron oxide nanoparticles. <i>International Journal of Nanomedicine</i> , 2007, 2, 541-50.	6.7	95