

Alexa Patzelt

List of Publications by Year in descending order

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Version: 2024-02-01

39
papers

1,240
citations

430874

18
h-index

361022

35
g-index

40
all docs

40
docs citations

40
times ranked

1405
citing authors

#	ARTICLE	IF	CITATIONS
1	Analysis of the morphometric parameters of pig ear hair follicles. <i>Skin Research and Technology</i> , 2021, 27, 730-738.	1.6	3
2	Release of the model drug SR101 from polyurethane nanocapsules in porcine hair follicles triggered by LED-derived low dose UVA light. <i>International Journal of Pharmaceutics</i> , 2021, 597, 120339.	5.2	9
3	Formulation of drug-loaded oligodepsipeptide particles with submicron size. <i>Clinical Hemorheology and Microcirculation</i> , 2021, 77, 201-219.	1.7	0
4	A Dual Fluorescence Spin Label Probe for Visualization and Quantification of Target Molecules in Tissue by Multiplexed FLIM-EPR Spectroscopy. <i>Angewandte Chemie</i> , 2021, 133, 15065-15071.	2.0	2
5	A Dual Fluorescence Spin Label Probe for Visualization and Quantification of Target Molecules in Tissue by Multiplexed FLIM-EPR Spectroscopy. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 14938-14944.	13.8	7
6	Microdialysis on Ex Vivo Porcine Ear Skin Can Validly Study Dermal Penetration including the Fraction of Transfollicular Penetration Demonstrated on Caffeine Nanocrystals. <i>Nanomaterials</i> , 2021, 11, 2387.	4.1	4
7	The impact of skin massage frequency on the intrafollicular transport of silica nanoparticles: Validation of the ratchet effect on an ex vivo porcine skin model. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2021, 158, 266-272.	4.3	9
8	Application of paretic spectroscopy to detect skin cancer A pilot study. <i>Skin Research and Technology</i> , 2020, 26, 234-240.	1.6	2
9	Recent advances in follicular drug delivery of nanoparticles. <i>Expert Opinion on Drug Delivery</i> , 2020, 17, 49-60.	5.0	64
10	Barrier-disrupted skin: Quantitative analysis of tape and cyanoacrylate stripping efficiency by multiphoton tomography. <i>International Journal of Pharmaceutics</i> , 2020, 574, 118843.	5.2	15
11	Investigation of transfollicular caffeine penetration using microdialysis on ex vivo porcine ear skin. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2020, 157, 1-8.	4.3	15
12	Determination of the pH Gradient in Hair Follicles of Human Volunteers Using pH-Sensitive Melamine Formaldehyde-Pyranine Nile Blue Microparticles. <i>Sensors</i> , 2020, 20, 5243.	3.8	5
13	Solvent Effects on Skin Penetration and Spatial Distribution of the Hydrophilic Nitroxide Spin Probe PCA Investigated by EPR. <i>Cell Biochemistry and Biophysics</i> , 2020, 78, 127-137.	1.8	2
14	Microneedle-Facilitated Intradermal Proretinal Nanoparticle Delivery. <i>Nanomaterials</i> , 2020, 10, 368.	4.1	19
15	Solvent-Containing Closure Material Can Be Used to Prevent Follicular Penetration of Caffeine and Fluorescein Sodium Salt on Porcine Ear Skin. <i>Skin Pharmacology and Physiology</i> , 2020, 33, 117-126.	2.5	4
16	Laser scanning microscopy for control of skin decontamination efficacy from airborne particulates using highly absorbent textile nanofiber material in combination with PEG dimethicone. <i>Skin Research and Technology</i> , 2020, 26, 558-563.	1.6	3
17	Increasing the percutaneous absorption and follicular penetration of retinal by topical application of proretinal nanoparticles. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2019, 139, 93-100.	4.3	14
18	pH-sensitive Eudragit L 100 nanoparticles promote cutaneous penetration and drug release on the skin. <i>Journal of Controlled Release</i> , 2019, 295, 214-222.	9.9	49

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19	Influence of Storage and Preservation Techniques on Egg-Derived Carotenoids: A Substantial Source for Cutaneous Antioxidants. <i>Skin Pharmacology and Physiology</i> , 2019, 32, 65-71.	2.5	4
20	Temperature-Enhanced Follicular Penetration of Thermo-responsive Nanogels. <i>Zeitschrift Fur Physikalische Chemie</i> , 2018, 232, 805-817.	2.8	10
21	Investigation of the cutaneous penetration behavior of dexamethasone loaded to nano-sized lipid particles by EPR spectroscopy, and confocal Raman and laser scanning microscopy. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2017, 116, 102-110.	4.3	24
22	From UV Protection to Protection in the Whole Spectral Range of the Solar Radiation: New Aspects of Sunscreen Development. <i>Advances in Experimental Medicine and Biology</i> , 2017, 996, 311-318.	1.6	18
23	Ratchet effect for nanoparticle transport in hair follicles. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2017, 116, 125-130.	4.3	50
24	Gradient-dependent release of the model drug TRITC-dextran from FITC-labeled BSA hydrogel nanocarriers in the hair follicles of porcine ear skin. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2017, 116, 12-16.	4.3	14
25	Do nanoparticles have a future in dermal drug delivery?. <i>Journal of Controlled Release</i> , 2017, 246, 174-182.	9.9	61
26	Penetration of topically applied nanocarriers into the hair follicles of dog and rat dorsal skin and porcine ear skin. <i>Veterinary Dermatology</i> , 2016, 27, 256.	1.2	13
27	Detection of capecitabine (Xeloda [®]) on the skin surface after oral administration. <i>Journal of Biomedical Optics</i> , 2016, 21, 047002.	2.6	8
28	Combined antibacterial effects of tissue-tolerable plasma and a modern conventional liquid antiseptic on chronic wound treatment. <i>Journal of Biophotonics</i> , 2015, 8, 382-391.	2.3	68
29	<i>In vivo</i> study for the discrimination of cancerous and normal skin using fibre probe-based Raman spectroscopy. <i>Experimental Dermatology</i> , 2015, 24, 767-772.	2.9	56
30	Comparison of the skin penetration of Garcinia mangostana extract in particulate and non-particulate form. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2014, 86, 307-313.	4.3	18
31	Comparative study of hair follicle morphology in eight mammalian species and humans. <i>Skin Research and Technology</i> , 2014, 20, 147-154.	1.6	47
32	Influence of massage and occlusion on the ex vivo skin penetration of rigid liposomes and invasomes. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2014, 86, 301-306.	4.3	39
33	Skin care. Sun care. A successful symbiosis?. <i>JDDG - Journal of the German Society of Dermatology</i> , 2013, 11, 1020-1021.	0.8	0
34	Drug delivery to hair follicles. <i>Expert Opinion on Drug Delivery</i> , 2013, 10, 787-797.	5.0	123
35	Triggering of drug release of particles in hair follicles. <i>Journal of Controlled Release</i> , 2012, 160, 509-514.	9.9	39
36	Influence of the Vehicle on the Penetration of Particles into Hair Follicles. <i>Pharmaceutics</i> , 2011, 3, 307-314.	4.5	24

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37	Selective follicular targeting by modification of the particle sizes. <i>Journal of Controlled Release</i> , 2011, 150, 45-48.	9.9	260
38	Hair follicles, their disorders and their opportunities. <i>Drug Discovery Today Disease Mechanisms</i> , 2008, 5, e173-e181.	0.8	44
39	Differential stripping demonstrates a significant reduction of the hair follicle reservoir in vitro compared to in vivo. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2008, 70, 234-238.	4.3	93