Annika Vogt

List of Publications by Year in Descending Order

113 papers	3,390 citations	31 h-index	56 g-index
120 ext. papers	3,897 ext. citations	4.6 avg, IF	5.08 L-index

#	Paper	IF	Citations
113	Alopecia areata - Current understanding and management.. *JDDG - Journal of the German Society of Dermatology*, **2022**, 20, 59-90	1.2	
112	Comparing the effects of three different multilayer dressings for pressure ulcer prevention on sacral skin after prolonged loading: An exploratory crossover trial. *Wound Repair and Regeneration*, **2021**, 29, 270-279	3.6	3
111	Cutaneous Cephalic Neurocristic Hamartoma on the Head With Melanocytic, Cartilage, Blood Vessel, Neural, and Bony Tissue. *American Journal of Dermatopathology*, **2021**, 43, 284-286	0.9	1
110	Topical Delivery of Rapamycin by Means of Microenvironment-Sensitive Core-Multi-Shell Nanocarriers: Assessment of Anti-Inflammatory Activity in an ex vivo Skin/T Cell Co-Culture Model. *International Journal of Nanomedicine*, **2021**, 16, 7137-7151	7.3	0
109	Current controversies in trichology: a European expert consensus statement. *Journal of the European Academy of Dermatology and Venereology*, **2021**, 35 Suppl 2, 3-11	4.6	0
108	Dysbiosis and Enhanced Beta-Defensin Production in Hair Follicles of Patients with Lichen Planopilaris and Frontal Fibrosing Alopecia. *Biomedicines*, **2021**, 9,	4.8	3
107	Improved Skin Permeability after Topical Treatment with Serine Protease: Probing the Penetration of Rapamycin by Scanning Transmission X-ray Microscopy. *ACS Omega*, **2021**, 6, 12213-12222	3.9	2
106	Oxidation-Sensitive Core-Multishell Nanocarriers for the Controlled Delivery of Hydrophobic Drugs. *ACS Biomaterials Science and Engineering*, **2021**, 7, 2485-2495	5.5	3
105	A Global eDelphi Exercise to Identify Core Domains and Domain Items for the Development of a Global Registry of Alopecia Areata Disease Severity and Treatment Safety (GRASS). *JAMA Dermatology*, **2021**, 157, 1-11	5.1	6
104	A Melanocortin-4 Receptor Agonist Induces Skin and Hair Pigmentation in Patients with Monogenic Mutations in the Leptin-Melanocortin Pathway. *Skin Pharmacology and Physiology*, **2021**, 34, 307-316	3	2
103	Effects of loading and prophylactic dressings on the sacral and heel skin: An exploratory cross-over trial. *International Wound Journal*, **2021**, 18, 909-922	2.6	1
102	Amphiphilic Co-polypeptides Self-Assembled into Spherical Nanoparticles for Dermal Drug Delivery. *ACS Applied Nano Materials*, **2021**, 4, 6709-6721	5.6	2
101	The Alopecia Areata Consensus of Experts (ACE) study part II: Results of an international expert opinion on diagnosis and laboratory evaluation for alopecia areata. *Journal of the American Academy of Dermatology*, **2021**, 84, 1594-1601	4.5	7
100	Sulfoxide-functionalized nanogels inspired by the skin penetration properties of DMSO. *Biomaterials Science*, **2021**, 9, 712-725	7.4	5
99	The Potential Relevance of the Microbiome to Hair Physiology and Regeneration: The Emerging Role of Metagenomics. *Biomedicines*, **2021**, 9,	4.8	8
98	Identification of anti-microbial peptides and traces of microbial DNA in infrainfundibular compartments of human scalp terminal hair follicles. *European Journal of Dermatology*, **2021**, 31, 22-31	0.8	3
97	Screening of Surfactants for Improved Delivery of Antimicrobials and Poly-Lactic--Glycolic Acid Particles in Wound Tissue. *Pharmaceutics*, **2021**, 13,	6.4	3

96	Guidelines for clinical trials of frontal fibrosing alopecia: consensus recommendations from the International FFA Cooperative Group (IFFACG). *British Journal of Dermatology*, **2021**,	4	1
95	Molecular characterization of xerosis cutis: A systematic review.. *PLoS ONE*, **2021**, 16, e0261253	3.7	2
94	Polyglycerol-Based Thermoresponsive Nanocapsules Induce Skin Hydration and Serve as a Skin Penetration Enhancer. *ACS Applied Materials & Interfaces*, **2020**, 12, 30136-30144	9.5	5
93	The Alopecia Areata Consensus of Experts (ACE) study: Results of an international expert opinion on treatments for alopecia areata. *Journal of the American Academy of Dermatology*, **2020**, 83, 123-130	4.5	30
92	A Contemporary View on Felix PinkusQConcept of the Vitreous Membrane. *Skin Appendage Disorders*, **2020**, 6, 25-31	1.4	
91	Optimizing skin pharmacotherapy for older patients: the future is at hand but are we ready for it?. *Drug Discovery Today*, **2020**, 25, 851-861	8.8	3
90	Mechanisms of innate events during skin reaction following intradermal injection of seasonal influenza vaccine. *Journal of Proteomics*, **2020**, 216, 103670	3.9	6
89	Redox-Responsive Nanocarrier for Controlled Release of Drugs in Inflammatory Skin Diseases. *Pharmaceutics*, **2020**, 13,	6.4	5
88	Serine Protease-Mediated Cutaneous Inflammation: Characterization of an Ex Vivo Skin Model for the Assessment of Dexamethasone-Loaded Core Multishell-Nanocarriers. *Pharmaceutics*, **2020**, 12,	6.4	4
87	Investigation of transfollicular caffeine penetration using microdialysis on ex vivo porcine ear skin. *European Journal of Pharmaceutics and Biopharmaceutics*, **2020**, 157, 1-8	5.7	11
86	A niche in the spotlight: Could external factors critically disturb hair follicle homeostasis and contribute to inflammatory hair follicle diseases?. *Experimental Dermatology*, **2020**, 29, 1080	4	2
85	Skin health and integrity **2020**, 183-196		3
84	Immune Profiles Identification by Vaccinomics After MVA Immunization in Randomized Clinical Study. *Frontiers in Immunology*, **2020**, 11, 586124	8.4	4
83	The role of the microbiome in scalp hair follicle biology and disease. *Experimental Dermatology*, **2020**, 29, 286-294	4	33
82	Modeling of Drug Diffusion Based on Concentration Profiles in Healthy and Damaged Human Skin. *Biophysical Journal*, **2019**, 117, 998-1008	2.9	6
81	Hautzeichen bei rheumatologischen Erkrankungen im Kindes- und Jugendalter. *Arthritis + Rheuma*, **2019**, 39, 253-260	0.2	
80	Frontal fibrosing alopecia: demographic and clinical characteristics of 490 cases. *Journal of the European Academy of Dermatology and Venereology*, **2019**, 33, 1976-1983	4.6	34
79	Soft X-ray microscopy for probing of topical tacrolimus delivery via micelles. *European Journal of Pharmaceutics and Biopharmaceutics*, **2019**, 139, 68-75	5.7	6

78	Frequency of the Types of Alopecia at Twenty-Two Specialist Hair Clinics: A Multicenter Study. *Skin Appendage Disorders*, **2019**, 5, 309-315	1.4	31
77	Core-multishell nanocarriers enhance drug penetration and reach keratinocytes and antigen-presenting cells in intact human skin. *Journal of Controlled Release*, **2019**, 299, 138-148	11.7	13
76	Dermal Delivery of the High-Molecular-Weight Drug Tacrolimus by Means of Polyglycerol-Based Nanogels. *Pharmaceutics*, **2019**, 11,	6.4	9
75	Evaluation of Drug Delivery and Efficacy of Ciprofloxacin-Loaded Povidone Foils and Nanofiber Mats in a Wound-Infection Model Based on Ex Vivo Human Skin. *Pharmaceutics*, **2019**, 11,	6.4	12
74	Innate gene signature distinguishes humoral versus cytotoxic responses to influenza vaccination. *Journal of Clinical Investigation*, **2019**, 129, 1960-1971	15.9	17
73	The Safety and Immunogenicity of GTUMultiHIV DNA Vaccine Delivered by Transcutaneous and Intramuscular Injection With or Without Electroporation in HIV-1 Positive Subjects on Suppressive ART. *Frontiers in Immunology*, **2019**, 10, 2911	8.4	3
72	Physiological and Molecular Effects of in vivo and ex vivo Mild Skin Barrier Disruption. *Skin Pharmacology and Physiology*, **2018**, 31, 115-124	3	9
71	Generation of full-thickness skin equivalents using hair follicle-derived primary human keratinocytes and fibroblasts. *Journal of Tissue Engineering and Regenerative Medicine*, **2018**, 12, e2134-e2146	4.4	9
70	Shape-Dependent Dissolution and Cellular Uptake of Silver Nanoparticles. *Langmuir*, **2018**, 34, 1506-1519	4	43
69	Identification of polystyrene nanoparticle penetration across intact skin barrier as rare event at sites of focal particle aggregations. *Journal of Biophotonics*, **2018**, 11, e201700169	3.1	9
68	Protease-mediated Inflammation: An In Vitro Human Keratinocyte-based Screening Tool for Anti-inflammatory Drug Nanocarrier Systems. *Zeitschrift Fur Physikalische Chemie*, **2018**, 232, 919-933	3.1	4
67	Cicatricial alopecia. *JDDG - Journal of the German Society of Dermatology*, **2018**, 16, 435-461	1.2	15
66	Differential expression of mTOR signaling pathway proteins in lichen planopilaris and frontal fibrosing alopecia. *Acta Histochemica*, **2018**, 120, 837-845	2	3
65	Infundibular protein and RNA microarray analyses from affected and clinically non-affected scalp in male androgenetic alopecia patients. *Experimental Dermatology*, **2017**, 26, 518-521	4	8
64	Measuring acne using Coproporphyrin III, Protoporphyrin IX, and lesion-specific inflammation: an exploratory study. *Archives of Dermatological Research*, **2017**, 309, 159-167	3.3	19
63	Data-based modeling of drug penetration relates human skin barrier function to the interplay of diffusivity and free-energy profiles. *Proceedings of the National Academy of Sciences of the United States of America*, **2017**, 114, 3631-3636	11.5	38
62	Influence of the skin barrier on the penetration of topically-applied dexamethasone probed by soft X-ray spectromicroscopy. *European Journal of Pharmaceutics and Biopharmaceutics*, **2017**, 118, 30-37	5.7	12
61	Assessment of skin barrier function and biochemical changes of ex vivo human skin in response to physical and chemical barrier disruption. *European Journal of Pharmaceutics and Biopharmaceutics*, **2017**, 116, 138-148	5.7	15

60	Combined skin and muscle vaccination differentially impact the quality of effector T cell functions: the CUTHIVAC-001 randomized trial. *Scientific Reports*, **2017**, 7, 13011	4.9	17
59	Effects of glucocorticoids on stratum corneum lipids and function in human skin-A detailed lipidomic analysis. *Journal of Dermatological Science*, **2017**, 88, 330-338	4.3	18
58	Symmetrical inflammatory erosive plaques and blisters in an infant. *JDDG - Journal of the German Society of Dermatology*, **2017**, 15, 956-959	1.2	0
57	Studies for improved understanding of lipid distributions in human skin by combining stimulated and spontaneous Raman microscopy. *European Journal of Pharmaceutics and Biopharmaceutics*, **2017**, 116, 76-84	5.7	13
56	The effectiveness of using a bath oil to reduce signs of dry skin: A randomized controlled pragmatic study. *International Journal of Nursing Studies*, **2017**, 65, 17-24	5.8	13
55	Sensitivity to change of the Dermatology Life Quality Index in adult females with facial acne vulgaris: a validation study. *Journal of the European Academy of Dermatology and Venereology*, **2017**, 31, 169-174	4.6	9
54	Drug delivery across intact and disrupted skin barrier: Identification of cell populations interacting with penetrated thermoresponsive nanogels. *European Journal of Pharmaceutics and Biopharmaceutics*, **2017**, 116, 4-11	5.7	27
53	Topically applied virus-like particles containing HIV-1 Pr55 protein reach skin antigen-presenting cells after mild skin barrier disruption. *Journal of Controlled Release*, **2017**, 268, 296-304	11.7	4
52	Development, standardization and testing of a bacterial wound infection model based on ex vivo human skin. *PLoS ONE*, **2017**, 12, e0186946	3.7	24
51	Correlation between the chemical composition of thermoresponsive nanogels and their interaction with the skin barrier. *Journal of Controlled Release*, **2016**, 243, 323-332	11.7	33
50	Effects of thermoresponsivity and softness on skin penetration and cellular uptake of polyglycerol-based nanogels. *Journal of Controlled Release*, **2016**, 228, 159-169	11.7	53
49	Mini-zone cyanoacrylate skin surface stripping: a new method for non-invasive sampling of scalp material. *Experimental Dermatology*, **2016**, 25, 555-6	4	7
48	Ethyl cellulose nanocarriers and nanocrystals differentially deliver dexamethasone into intact, tape-stripped or sodium lauryl sulfate-exposed ex vivo human skin - assessment by intradermal microdialysis and extraction from the different skin layers. *Journal of Controlled Release*, **2016**, 242, 25-34	11.7	45
47	Letter to the Editor. *Clinical Biomechanics*, **2016**, 33, 84	2.2	1
46	Comparison of different methods to study effects of silver nanoparticles on the pro- and antioxidant status of human keratinocytes and fibroblasts. *Methods*, **2016**, 109, 55-63	4.6	11
45	Core-multishell nanocarriers: Transport and release of dexamethasone probed by soft X-ray spectromicroscopy. *Journal of Controlled Release*, **2016**, 242, 64-70	11.7	25
44	Nanocarriers for drug delivery into and through the skin - Do existing technologies match clinical challenges?. *Journal of Controlled Release*, **2016**, 242, 3-15	11.7	93
43	Translational Positioning of Janus Kinase (JAK) Inhibitors in Alopecia Areata. *EBioMedicine*, **2015**, 2, 282-8	8.8	7

42	Engineering thermoresponsive polyether-based nanogels for temperature dependent skin penetration. *Polymer Chemistry*, **2015**, 6, 5827-5831	4.9	42
41	Selective Probing of the Penetration of Dexamethasone into Human Skin by Soft X-ray Spectromicroscopy. *Analytical Chemistry*, **2015**, 87, 6173-9	7.8	19
40	Application of single molecule fluorescence microscopy to characterize the penetration of a large amphiphilic molecule in the stratum corneum of human skin. *International Journal of Molecular Sciences*, **2015**, 16, 6960-77	6.3	19
39	Overview about the localization of nanoparticles in tissue and cellular context by different imaging techniques. *Beilstein Journal of Nanotechnology*, **2015**, 6, 263-80	3	65
38	Hair follicle targeting, penetration enhancement and Langerhans cell activation make cyanoacrylate skin surface stripping a promising delivery technique for transcutaneous immunization with large molecules and particle-based vaccines. *Experimental Dermatology*, **2015**, 24, 73-5	4	31
37	Wide-field Two Photon Microscopy. *Optik & Photonik*, **2015**, 10, 39-42		3
36	Birch pollen influence the severity of atopic eczema - prospective clinical cohort pilot study and ex vivo penetration study. *Clinical, Cosmetic and Investigational Dermatology*, **2015**, 8, 539-48	2.9	9
35	Penetration of spherical and rod-like gold nanoparticles into intact and barrier-disrupted human skin **2015**,		3
34	Selective hair therapy: bringing science to the fiction. *Experimental Dermatology*, **2014**, 23, 83-6	4	15
33	Lichen planopilaris: Epidemiology and prevalence of subtypes - a retrospective analysis in 104 patients. *JDDG - Journal of the German Society of Dermatology*, **2014**, 12, 229-35, 229-36	1.2	20
32	Particle-based transcutaneous administration of HIV-1 p24 protein to human skin explants and targeting of epidermal antigen presenting cells. *Journal of Controlled Release*, **2014**, 176, 115-22	11.7	23
31	PVP-coated, negatively charged silver nanoparticles: A multi-center study of their physicochemical characteristics, cell culture and in vivo experiments. *Beilstein Journal of Nanotechnology*, **2014**, 5, 1944-65	3	102
30	Interaction of dermatologically relevant nanoparticles with skin cells and skin. *Beilstein Journal of Nanotechnology*, **2014**, 5, 2363-73	3	42
29	Utilization of biodegradable polymeric materials as delivery agents in dermatology. *Clinical, Cosmetic and Investigational Dermatology*, **2014**, 7, 23-34	2.9	37
28	Ultraviolet radiation and nanoparticle induced intracellular free radicals generation measured in human keratinocytes by electron paramagnetic resonance spectroscopy. *Skin Research and Technology*, **2014**, 20, 182-93	1.9	22
27	Comparison of silver nanoparticles stored under air or argon with respect to the induction of intracellular free radicals and toxic effects toward keratinocytes. *European Journal of Pharmaceutics and Biopharmaceutics*, **2014**, 88, 651-7	5.7	35
26	Nanoparticle-Based Epidermal and Dermal Vaccination **2013**, 165-178		
25	Hair Follicle Targeting with Nanoparticles **2013**, 95-107		3

24	Hair-shaft abnormality in a 7-year-old girl. Trichorrhexis nodosa dueto biotinidase deficiency. *JAMA Dermatology*, **2013**, 149, 357-63	5.1	2
23	Surface functionalization of silica nanoparticles supports colloidal stability in physiological media and facilitates internalization in cells. *Langmuir*, **2012**, 28, 7598-613	4	166
22	Stability of polylactic acid particles and release of fluorochromes upon topical application on human skin explants. *European Journal of Pharmaceutics and Biopharmaceutics*, **2012**, 80, 76-84	5.7	28
21	Skin penetration and cellular uptake of amorphous silica nanoparticles with variable size, surface functionalization, and colloidal stability. *ACS Nano*, **2012**, 6, 6829-42	16.7	202
20	Intradermal immunization triggers epidermal Langerhans cell mobilization required for CD8 T-cell immune responses. *Journal of Investigative Dermatology*, **2012**, 132, 615-25	4.3	46
19	Human hair follicle: reservoir function and selective targeting. *British Journal of Dermatology*, **2011**, 165 Suppl 2, 13-7	4	80
18	New insights on dandruff/seborrhoeic dermatitis: the role of the scalp follicular infundibulum in effective treatment strategies. *British Journal of Dermatology*, **2011**, 165 Suppl 2, 18-23	4	33
17	Current standards in the diagnostics and therapy of hair diseases - hair consultation. *JDDG - Journal of the German Society of Dermatology*, **2011**, 9, 394-410; quiz 411-2	1.2	6
16	Aktuelle Standards zur Diagnostik und Therapie von Haarerkrankungen Haarsprechstunde. *JDDG - Journal of the German Society of Dermatology*, **2011**, 9, 394-413	1.2	5
15	Nanoparticles in dermatology. *Archives of Dermatological Research*, **2011**, 303, 533-50	3.3	167
14	Preferential amplification of CD8 effector-T cells after transcutaneous application of an inactivated influenza vaccine: a randomized phase I trial. *PLoS ONE*, **2010**, 5, e10818	3.7	75
13	Qualitative detection of single submicron and nanoparticles in human skin by scanning transmission x-ray microscopy. *Journal of Biomedical Optics*, **2009**, 14, 021015	3.5	34
12	Investigation of polylactic acid (PLA) nanoparticles as drug delivery systems for local dermatotherapy. *Pharmaceutical Research*, **2009**, 26, 2027-36	4.5	185
11	Nanoparticle-based targeting of vaccine compounds to skin antigen-presenting cells by hair follicles and their transport in mice. *Journal of Investigative Dermatology*, **2009**, 129, 1156-64	4.3	99
10	Follicular transport route--research progress and future perspectives. *European Journal of Pharmaceutics and Biopharmaceutics*, **2009**, 71, 173-80	5.7	171
9	Expression of MC-R, POMC and POMC peptides and evidence for a immunoregulatory role of MSH in human dermal papilla cells. *Experimental Dermatology*, **2008**, 13, 581-582	4	
8	Hair follicles--an efficient storage and penetration pathway for topically applied substances. Summary of recent results obtained at the Center of Experimental and Applied Cutaneous Physiology, Charit Universitsmedizin Berlin, Germany. *Skin Pharmacology and Physiology*, **2008**, 21, 150-5	3	139
7	Transcutaneous anti-influenza vaccination promotes both CD4 and CD8 T cell immune responses in humans. *Journal of Immunology*, **2008**, 180, 1482-9	5.3	92

6	Hormone-related hair disorders – from clinical needs to new therapeutic perspectives. *Experimental Dermatology*, **2008**, 15, 643-648	4	
5	Morphometry of human terminal and vellus hair follicles. *Experimental Dermatology*, **2007**, 16, 946-50	4	69
4	40 nm, but not 750 or 1,500 nm, nanoparticles enter epidermal CD1a+ cells after transcutaneous application on human skin. *Journal of Investigative Dermatology*, **2006**, 126, 1316-22	4.3	261
3	Expression of melanocortin receptors on cutaneous fibroblastic cells – collagen and beyond. *Experimental Dermatology*, **2005**, 14, 157-157	4	
2	Follicular targeting--a promising tool in selective dermatotherapy. *Journal of Investigative Dermatology Symposium Proceedings*, **2005**, 10, 252-5	1.1	95
1	Differential diagnosis of hair loss in children. *JDDG - Journal of the German Society of Dermatology*, **2004**, 2, 399-411	1.2	24