

# Steffen Emmert

## List of Publications by Year in descending order

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Version: 2024-02-01

51  
papers

2,110  
citations

304743

22  
h-index

233421

45  
g-index

59  
all docs

59  
docs citations

59  
times ranked

2215  
citing authors

#	ARTICLE	IF	CITATIONS
1	Synergistic effect of plasma-activated medium and novel indirubin derivatives on human skin cancer cells by activation of the AhR pathway. <i>Scientific Reports</i> , 2022, 12, 2528.	3.3	5
2	Multimodal system for optical biopsy of melanoma with integrated ultrasound, optical coherence tomography and Raman spectroscopy. <i>Journal of Biophotonics</i> , 2022, 15, .	2.3	7
3	Tumor cytotoxicity and immunogenicity of a novel V-jet neon plasma source compared to the kINPen. <i>Scientific Reports</i> , 2021, 11, 136.	3.3	23
4	Generation and Characterization of a CRISPR/Cas9-Mediated SNAP29 Knockout in Human Fibroblasts. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5293.	4.1	6
5	Xeroderma Pigmentosum: Gene Variants and Splice Variants. <i>Genes</i> , 2021, 12, 1173.	2.4	8
6	Combining Biocompatible and Biodegradable Scaffolds and Cold Atmospheric Plasma for Chronic Wound Regeneration. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9199.	4.1	8
7	The Response and Tolerability of a Novel Cold Atmospheric Plasma Wound Dressing for the Healing of Split Skin Graft Donor Sites: A Controlled Pilot Study. <i>Skin Pharmacology and Physiology</i> , 2021, 34, 328-336.	2.5	18
8	Medical gas plasma-stimulated wound healing: Evidence and mechanisms. <i>Redox Biology</i> , 2021, 46, 102116.	9.0	65
9	Perspectives on cold atmospheric plasma (CAP) applications in medicine. <i>Physics of Plasmas</i> , 2020, 27, .	1.9	94
10	Plasma Treatment Limits Cutaneous Squamous Cell Carcinoma Development In Vitro and In Vivo. <i>Cancers</i> , 2020, 12, 1993.	3.7	25
11	Cold Atmospheric Pressure Plasma in Wound Healing and Cancer Treatment. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 6898.	2.5	52
12	The Hyaluronan Pericellular Coat and Cold Atmospheric Plasma Treatment of Cells. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 5024.	2.5	4
13	Molecular Mechanisms of the Efficacy of Cold Atmospheric Pressure Plasma (CAP) in Cancer Treatment. <i>Cancers</i> , 2020, 12, 269.	3.7	131
14	Sunlight, Vitamin D, and Xeroderma Pigmentosum. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1268, 319-331.	1.6	12
15	Plasma Medicine: Applications of Cold Atmospheric Pressure Plasma in Dermatology. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-10.	4.0	227
16	Nucleotide excision repair of abasic DNA lesions. <i>Nucleic Acids Research</i> , 2019, 47, 8537-8547.	14.5	31
17	Ein neues Forum für seltene Hauterkrankungen. <i>JDDG - Journal of the German Society of Dermatology</i> , 2019, 17, 672-673.	0.8	2
18	Technik für den Menschen – kaltes Atmosphärendruckplasma. <i>JDDG - Journal of the German Society of Dermatology</i> , 2018, 16, 1-2.	0.8	0

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19	Trimodal system for in vivo skin cancer screening with combined optical coherence tomographyâ€Raman and colocalized optoacoustic measurements. Journal of Biophotonics, 2018, 11, e201700288.	2.3	34
20	Connecting basic cold plasma technology to dermatology. Clinical Plasma Medicine, 2018, 10, 16-19.	3.2	11
21	Cytochrome C oxidase Inhibition and Cold Plasma-derived Oxidants Synergize in Melanoma Cell Death Induction. Scientific Reports, 2018, 8, 12734.	3.3	38
22	Splice variants of the endonucleases XPF and XPG contain residual DNA repair capabilities and could be a valuable tool for personalized medicine. Oncotarget, 2018, 9, 1012-1027.	1.8	3
23	Photocarcinogenesis and Skin Cancer Prevention Strategies: An Update. Anticancer Research, 2018, 38, 1153-1158.	1.1	50
24	Xeroderma Pigmentosum â€“ Facts and Perspectives. Anticancer Research, 2018, 38, 1159-1164.	1.1	36
25	XPF knockout via CRISPR/Cas9 reveals that ERCC1 is retained in the cytoplasm without its heterodimer partner XPF. Cellular and Molecular Life Sciences, 2017, 74, 2081-2094.	5.4	18
26	Research on genodermatoses using novel genomeâ€“editing tools. JDDG - Journal of the German Society of Dermatology, 2017, 15, 783-789.	0.8	8
27	Comparative study of presurgical skin infiltration depth measurements of melanocytic lesions with OCT and high frequency ultrasound. Journal of Biophotonics, 2017, 10, 854-861.	2.3	32
28	A non-contact remote digital dermoscope to support cancer screening and diagnosis of inflammatory skin disease. Biomedical Physics and Engineering Express, 2017, 3, 055005.	1.2	15
29	Forschung zu Genodermatosen durch neue Genomâ€“Editingâ€“Methoden. JDDG - Journal of the German Society of Dermatology, 2017, 15, 783-790.	0.8	1
30	Photosensitive form of trichothiodystrophy associated with a novel mutation in the XPD gene. Photodermatology Photoimmunology and Photomedicine, 2016, 32, 110-112.	1.5	5
31	Nonâ€“keratinocyte SNAP29 influences epidermal differentiation and hair follicle formation in mice. Experimental Dermatology, 2016, 25, 647-649.	2.9	8
32	A unique chromosomal inâ€“frame deletion identified among seven XPâ€“ patients. Photodermatology Photoimmunology and Photomedicine, 2016, 32, 276-283.	1.5	4
33	Introduction to DIN-specification 91315 based on the characterization of the plasma jet kINPenâ€™ MED. Clinical Plasma Medicine, 2016, 4, 35-45.	3.2	80
34	Establishment of Two Mouse Models for CEDNIK Syndrome Reveals the Pivotal Role of SNAP29 in Epidermal Differentiation. Journal of Investigative Dermatology, 2016, 136, 672-679.	0.7	31
35	Photocarcinogenesis and Skin Cancer Prevention Strategies. Anticancer Research, 2016, 36, 1371-8.	1.1	44
36	Squamous-Cell Carcinoma Resembling Pyoderma Gangrenosum. New England Journal of Medicine, 2015, 373, e5.	27.0	2

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37	Cold Atmospheric Plasma: A Promising Complementary Therapy for Squamous Head and Neck Cancer. PLoS ONE, 2015, 10, e0141827.	2.5	54
38	Clinical utility gene card for: Xeroderma pigmentosum. European Journal of Human Genetics, 2014, 22, 953-953.	2.8	20
39	Xeroderma pigmentosum: Diagnostic procedures, interdisciplinary patient care, and novel therapeutic approaches. JDDG - Journal of the German Society of Dermatology, 2014, 12, 867-872.	0.8	24
40	Xeroderma pigmentosum: diagnostisches Vorgehen, interdisziplinäre Patientenversorgung und neue Therapieansätze. JDDG - Journal of the German Society of Dermatology, 2014, 12, 867-873.	0.8	14
41	In Vitro Susceptibility of Multidrug Resistant Skin and Wound Pathogens Against Low Temperature Atmospheric Pressure Plasma Jet (APPJ) and Dielectric Barrier Discharge Plasma (DBD). Plasma Processes and Polymers, 2014, 11, 175-183.	3.0	103
42	Clinical plasma medicine – position and perspectives in 2012. Clinical Plasma Medicine, 2013, 1, 3-4.	3.2	13
43	Atmospheric pressure plasma in dermatology: Ulcus treatment and much more. Clinical Plasma Medicine, 2013, 1, 24-29.	3.2	153
44	Molecular genetic analysis of 16 XP-C patients from Germany: environmental factors predominately contribute to phenotype variations. Experimental Dermatology, 2013, 22, 24-29.	2.9	21
45	Characterization of Three XPC-Defective Patients Identifies Three Missense Mutations that Impair Repair and Transcription. Journal of Investigative Dermatology, 2013, 133, 1841-1849.	0.7	29
46	Cancer and neurologic degeneration in xeroderma pigmentosum: long term follow-up characterises the role of DNA repair. Journal of Medical Genetics, 2011, 48, 168-176.	3.2	371
47	Strict sun protection results in minimal skin changes in a patient with xeroderma pigmentosum and a novel c.2009delG mutation in XPD (ERCC2). Experimental Dermatology, 2009, 18, 64-68.	2.9	27
48	Syndromes with genetic instability: Model diseases for (skin) cancerogenesis. JDDG - Journal of the German Society of Dermatology, 2006, 4, 721-731.	0.8	13
49	Reduced XPC DNA repair gene mRNA levels in clinically normal parents of xeroderma pigmentosum patients. Carcinogenesis, 2005, 27, 84-94.	2.8	79
50	A new family with the rare genodermatosis keratosis punctata palmoplantaris Buschke-Fischer-Brauer. Journal of the American Academy of Dermatology, 2003, 49, 1166-1169.	1.2	18
51	47 patients in 14 families with the rare genodermatosis keratosis punctata palmoplantaris Buschke-Fischer-Brauer. European Journal of Dermatology, 2003, 13, 16-20.	0.6	25