

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	Cancer and neurologic degeneration in xeroderma pigmentosum: long term follow-up characterises the role of DNA repair. <i>Journal of Medical Genetics</i> , 2011, 48, 168-176.	3.2	371
2	Plasma Medicine: Applications of Cold Atmospheric Pressure Plasma in Dermatology. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-10.	4.0	227
3	Atmospheric pressure plasma in dermatology: Ulcus treatment and much more. <i>Clinical Plasma Medicine</i> , 2013, 1, 24-29.	3.2	153
4	Molecular Mechanisms of the Efficacy of Cold Atmospheric Pressure Plasma (CAP) in Cancer Treatment. <i>Cancers</i> , 2020, 12, 269.	3.7	131
5	In Vitro Susceptibility of Multidrug Resistant Skin and Wound Pathogens Against Low Temperature Atmospheric Pressure Plasma Jet (APPJ) and Dielectric Barrier Discharge Plasma (DBD). <i>Plasma Processes and Polymers</i> , 2014, 11, 175-183.	3.0	103
6	Perspectives on cold atmospheric plasma (CAP) applications in medicine. <i>Physics of Plasmas</i> , 2020, 27, .	1.9	94
7	Introduction to DIN-specification 91315 based on the characterization of the plasma jet kINPen® MED. <i>Clinical Plasma Medicine</i> , 2016, 4, 35-45.	3.2	80
8	Reduced XPC DNA repair gene mRNA levels in clinically normal parents of xeroderma pigmentosum patients. <i>Carcinogenesis</i> , 2005, 27, 84-94.	2.8	79
9	Medical gas plasma-stimulated wound healing: Evidence and mechanisms. <i>Redox Biology</i> , 2021, 46, 102116.	9.0	65
10	Cold Atmospheric Plasma: A Promising Complementary Therapy for Squamous Head and Neck Cancer. <i>PLoS ONE</i> , 2015, 10, e0141827.	2.5	54
11	Cold Atmospheric Pressure Plasma in Wound Healing and Cancer Treatment. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 6898.	2.5	52
12	Photocarcinogenesis and Skin Cancer Prevention Strategies: An Update. <i>Anticancer Research</i> , 2018, 38, 1153-1158.	1.1	50
13	Photocarcinogenesis and Skin Cancer Prevention Strategies. <i>Anticancer Research</i> , 2016, 36, 1371-8.	1.1	44
14	Cytochrome C oxidase Inhibition and Cold Plasma-derived Oxidants Synergize in Melanoma Cell Death Induction. <i>Scientific Reports</i> , 2018, 8, 12734.	3.3	38
15	Xeroderma Pigmentosum " Facts and Perspectives. <i>Anticancer Research</i> , 2018, 38, 1159-1164.	1.1	36
16	Trimodal system for in vivo skin cancer screening with combined optical coherence tomography-Raman and colocalized optoacoustic measurements. <i>Journal of Biophotonics</i> , 2018, 11, e201700288.	2.3	34
17	Comparative study of presurgical skin infiltration depth measurements of melanocytic lesions with OCT and high frequency ultrasound. <i>Journal of Biophotonics</i> , 2017, 10, 854-861.	2.3	32
18	Establishment of Two Mouse Models for CEDNIK Syndrome Reveals the Pivotal Role of SNAP29 in Epidermal Differentiation. <i>Journal of Investigative Dermatology</i> , 2016, 136, 672-679.	0.7	31

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19	Nucleotide excision repair of abasic DNA lesions. <i>Nucleic Acids Research</i> , 2019, 47, 8537-8547.	14.5	31
20	Characterization of Three XPG-Defective Patients Identifies Three Missense Mutations that Impair Repair and Transcription. <i>Journal of Investigative Dermatology</i> , 2013, 133, 1841-1849.	0.7	29
21	Strict sun protection results in minimal skin changes in a patient with xeroderma pigmentosum and a novel c.2009delG mutation in XPD (ERCC2). <i>Experimental Dermatology</i> , 2009, 18, 64-68.	2.9	27
22	Plasma Treatment Limits Cutaneous Squamous Cell Carcinoma Development In Vitro and In Vivo. <i>Cancers</i> , 2020, 12, 1993.	3.7	25
23	47 patients in 14 families with the rare genodermatosis keratosis punctata palmoplantaris Buschke-Fischer-Brauer. <i>European Journal of Dermatology</i> , 2003, 13, 16-20.	0.6	25
24	Xeroderma pigmentosum: Diagnostic procedures, interdisciplinary patient care, and novel therapeutic approaches. <i>JDDG - Journal of the German Society of Dermatology</i> , 2014, 12, 867-872.	0.8	24
25	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
26	Molecular genetic analysis of 16 XPC patients from Germany: environmental factors predominately contribute to phenotype variations. <i>Experimental Dermatology</i> , 2013, 22, 24-29.	2.9	21
27	Clinical utility gene card for: Xeroderma pigmentosum. <i>European Journal of Human Genetics</i> , 2014, 22, 953-953.	2.8	20
28	A new family with the rare genodermatosis keratosis punctata palmoplantaris Buschke-Fischer-Brauer. <i>Journal of the American Academy of Dermatology</i> , 2003, 49, 1166-1169.	1.2	18
29	XPF knockout via CRISPR/Cas9 reveals that ERCC1 is retained in the cytoplasm without its heterodimer partner XPF. <i>Cellular and Molecular Life Sciences</i> , 2017, 74, 2081-2094.	5.4	18
30	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
31	A non-contact remote digital dermoscope to support cancer screening and diagnosis of inflammatory skin disease. <i>Biomedical Physics and Engineering Express</i> , 2017, 3, 055005.	1.2	15
32	Xeroderma pigmentosum: diagnostisches Vorgehen, interdisziplinäre Patientenversorgung und neue Therapieansätze. <i>JDDG - Journal of the German Society of Dermatology</i> , 2014, 12, 867-873.	0.8	14
33	Syndromes with genetic instability: Model diseases for (skin) cancerogenesis. <i>JDDG - Journal of the German Society of Dermatology</i> , 2006, 4, 721-731.	0.8	13
34	Clinical plasma medicine – position and perspectives in 2012. <i>Clinical Plasma Medicine</i> , 2013, 1, 3-4.	3.2	13
35	Sunlight, Vitamin D, and Xeroderma Pigmentosum. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1268, 319-331.	1.6	12
36	Connecting basic cold plasma technology to dermato-oncology. <i>Clinical Plasma Medicine</i> , 2018, 10, 16-19.	3.2	11

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37	Non-keratinocyte SNAP29 influences epidermal differentiation and hair follicle formation in mice. <i>Experimental Dermatology</i> , 2016, 25, 647-649.	2.9	8
38	Research on genodermatoses using novel genome editing tools. <i>JDDG - Journal of the German Society of Dermatology</i> , 2017, 15, 783-789.	0.8	8
39	Xeroderma Pigmentosum: Gene Variants and Splice Variants. <i>Genes</i> , 2021, 12, 1173.	2.4	8
40	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
41	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
42	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
43	Photosensitive form of trichothiodystrophy associated with a novel mutation in the XPD gene. <i>Photodermatology Photoimmunology and Photomedicine</i> , 2016, 32, 110-112.	1.5	5
44	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
45	A unique chromosomal in-frame deletion identified among seven XP-C patients. <i>Photodermatology Photoimmunology and Photomedicine</i> , 2016, 32, 276-283.	1.5	4
46	The Hyaluronan Pericellular Coat and Cold Atmospheric Plasma Treatment of Cells. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 5024.	2.5	4
47	Splice variants of the endonucleases XPF and XPG contain residual DNA repair capabilities and could be a valuable tool for personalized medicine. <i>Oncotarget</i> , 2018, 9, 1012-1027.	1.8	3
48	Squamous-Cell Carcinoma Resembling Pyoderma Gangrenosum. <i>New England Journal of Medicine</i> , 2015, 373, e5.	27.0	2
49	Ein neues Forum für seltene Hauterkrankungen. <i>JDDG - Journal of the German Society of Dermatology</i> , 2019, 17, 672-673.	0.8	2
50	Forschung zu Genodermatosen durch neue Genome Editing-Methoden. <i>JDDG - Journal of the German Society of Dermatology</i> , 2017, 15, 783-790.	0.8	1
51	Technik für den Menschen – kaltes Atmosphärendruckplasma. <i>JDDG - Journal of the German Society of Dermatology</i> , 2018, 16, 1-2.	0.8	0