

Frank R De Gruijl

List of Publications by Year in descending order

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86
papers

5,040
citations

117571

34
h-index

88593

70
g-index

111
all docs

111
docs citations

111
times ranked

4804
citing authors

#	ARTICLE	IF	CITATIONS
1	Sunbeds and Melanoma Risk: Many Open Questions, Not Yet Time to Close the Debate. <i>Anticancer Research</i> , 2020, 40, 501-509.	0.5	5
2	Everyday sunscreen use may compromise vitamin D in temperate climates. <i>British Journal of Dermatology</i> , 2020, 182, 1312-1313.	1.4	6
3	Insufficient Sun Exposure Has Become a Real Public Health Problem. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 5014.	1.2	71
4	Repeat UVA exposure of human skin fibroblasts induces both a transitional and recovery DNA methylation response. <i>Epigenomics</i> , 2020, 12, 563-573.	1.0	2
5	Phototherapy in the perspective of the chronicity of psoriasis. <i>Journal of the European Academy of Dermatology and Venereology</i> , 2020, 34, 926-931.	1.3	8
6	Ozone depletion, ultraviolet radiation, climate change and prospects for a sustainable future. <i>Nature Sustainability</i> , 2019, 2, 569-579.	11.5	156
7	Human health in relation to exposure to solar ultraviolet radiation under changing stratospheric ozone and climate. <i>Photochemical and Photobiological Sciences</i> , 2019, 18, 641-680.	1.6	138
8	Environmental effects of ozone depletion, UV radiation and interactions with climate change: UNEP Environmental Effects Assessment Panel, update 2017. <i>Photochemical and Photobiological Sciences</i> , 2018, 17, 127-179.	1.6	177
9	A shift from papillary to reticular fibroblasts enables tumour-stroma interaction and invasion. <i>British Journal of Cancer</i> , 2018, 118, 1089-1097.	2.9	17
10	scRNA-seq analysis of Lgr6 ⁺ stem cells and identification of an Lgr6 isoform. <i>Experimental Dermatology</i> , 2018, 27, 1172-1175.	1.4	1
11	Low wintertime pre-diagnostic vitamin D status is associated with an increased risk of internal malignancies in kidney transplant recipients. <i>Photochemical and Photobiological Sciences</i> , 2018, 17, 1946-1955.	1.6	4
12	Commemorative issue in honour of Jan van der Leun, 14 June 1928-6 July 2016. <i>Photochemical and Photobiological Sciences</i> , 2018, 17, 1815-1815.	1.6	0
13	Sun Exposure Public Health Directives. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 2794.	1.2	14
14	Fractional Sunburn Threshold UVR Doses Generate Equivalent Vitamin D and DNA Damage in Skin Types I-VI but with Epidermal DNA Damage Gradient Correlated to Skin Darkness. <i>Journal of Investigative Dermatology</i> , 2018, 138, 2244-2252.	0.3	45
15	A Critical Appraisal of the Recent Reports on Sunbeds from the European Commission's Scientific Committee on Health, Environmental and Emerging Risks and from the World Health Organization. <i>Anticancer Research</i> , 2018, 38, 1111-1120.	0.5	7
16	Studying skin tumorigenesis and progression in immunocompetent hairless SKH1-hr mice using chronic 7,12-dimethylbenz(a)anthracene topical applications to develop a useful experimental skin cancer model. <i>Laboratory Animals</i> , 2017, 51, 24-35.	0.5	12
17	UV adaptation: Pigmentation and protection against overexposure. <i>Experimental Dermatology</i> , 2017, 26, 557-562.	1.4	32
18	The Evaluation of Noninvasive Measurements of Erythema as a Potential Surrogate for DNA Damage in Repetitively UV-Exposed Human Skin. <i>Photochemistry and Photobiology</i> , 2017, 93, 1282-1288.	1.3	7

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19	p16 immunostaining in keratinocytic neoplasia in organ transplant recipients: Bowen's disease shows a characteristic pattern. <i>Journal of Cutaneous Pathology</i> , 2017, 44, 28-33.	0.7	2
20	For better or for worse, <sc>UV</sc> in psoriasis. <i>Experimental Dermatology</i> , 2016, 25, 945-946.	1.4	7
21	The risks and benefits of sun exposure 2016. <i>Dermato-Endocrinology</i> , 2016, 8, e1248325.	1.9	84
22	Concurrent beneficial (vitamin D production) and hazardous (cutaneous DNA damage) impact of repeated low-level summer sunlight exposures. <i>British Journal of Dermatology</i> , 2016, 175, 1320-1328.	1.4	54
23	Focus theme issue December 2016: Photobiology & photodermatology. <i>Experimental Dermatology</i> , 2016, 25, 935-936.	1.4	0
24	Lgr5+ stem cells and their progeny in mouse epidermis under regimens of exogenous skin carcinogenesis, and their absence in ensuing skin tumors. <i>Oncotarget</i> , 2016, 7, 52085-52094.	0.8	8
25	Lgr6+ stem cells and their progeny in mouse epidermis under regimens of exogenous skin carcinogenesis, and their absence in ensuing skin tumors. <i>Oncotarget</i> , 2016, 7, 86740-86754.	0.8	7
26	Fractionation of a tumor-initiating UV dose introduces DNA damage-retaining cells in hairless mouse skin and renders subsequent TPA-promoted tumors non-regressing. <i>Oncotarget</i> , 2016, 7, 8067-8077.	0.8	9
27	Distribution of GNAQ and GNA11 Mutation Signatures in Uveal Melanoma Points to a Light Dependent Mutation Mechanism. <i>PLoS ONE</i> , 2015, 10, e0138002.	1.1	39
28	A systematic review of the influence of skin pigmentation on changes in the concentrations of vitamin D and 25-hydroxyvitamin D in plasma/serum following experimental UV irradiation. <i>Photochemical and Photobiological Sciences</i> , 2015, 14, 2138-2146.	1.6	36
29	UV exposure inhibits intestinal tumor growth and progression to malignancy in intestine-specific Apc mutant mice kept on low vitamin D diet. <i>International Journal of Cancer</i> , 2015, 136, 271-277.	2.3	29
30	Predicted increased risk of squamous cell carcinoma induction associated with sunbed exposure habits. <i>British Journal of Dermatology</i> , 2015, 173, 201-208.	1.4	21
31	The mastocyte: the off switch of <sc>UV</sc> itch. <i>Experimental Dermatology</i> , 2015, 24, 489-490.	1.4	6
32	Robust Detection of Minimal Sunburn in Pigmented Skin by 785 nm Laser Speckle Contrast Imaging of Blood Flux. <i>Journal of Investigative Dermatology</i> , 2015, 135, 1197-1199.	0.3	20
33	Chromatin Modifications and Mast Cell Migration in UV-Induced Immunosuppression, an Epigenetic Piece of The Puzzle. <i>Journal of Investigative Dermatology</i> , 2015, 135, 2911-2913.	0.3	0
34	The consequences for human health of stratospheric ozone depletion in association with other environmental factors. <i>Photochemical and Photobiological Sciences</i> , 2014, 14, 53-87.	1.6	122
35	Skin hardening effect in patients with polymorphic light eruption: Comparison of UVB hardening in hospital with a novel home UV-hardening device. <i>Journal of the European Academy of Dermatology and Venereology</i> , 2013, 27, 67-72.	1.3	12
36	UV-induced ablation of the epidermal basal layer including p53-mutant clones resets UV carcinogenesis showing squamous cell carcinomas to originate from interfollicular epidermis. <i>Carcinogenesis</i> , 2012, 33, 714-720.	1.3	24

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37	The effects of a mid-winter 8-week course of sub-sunburn sunbed exposures on tanning, vitamin D status and colds. <i>Photochemical and Photobiological Sciences</i> , 2012, 11, 1848-1854.	1.6	22
38	Rapamycin impairs UV induction of mutant p53 overexpressing cell clusters without affecting tumor onset. <i>International Journal of Cancer</i> , 2012, 131, 1267-1276.	2.3	14
39	The human health effects of ozone depletion and interactions with climate change. <i>Photochemical and Photobiological Sciences</i> , 2011, 10, 199-225.	1.6	179
40	The sun's vitamin against sun allergy. <i>British Journal of Dermatology</i> , 2011, 165, 2-3.	1.4	12
41	Sufficient Vitamin D from Casual Sun Exposure?. <i>Photochemistry and Photobiology</i> , 2011, 87, 598-601.	1.3	19
42	Early and late effects of the immunosuppressants rapamycin and mycophenolate mofetil on UV carcinogenesis. <i>International Journal of Cancer</i> , 2010, 127, 796-804.	2.3	37
43	Polymorphic Light Eruption Occurs in 18% of Europeans and Does Not Show Higher Prevalence with Increasing Latitude: Multicenter Survey of 6,895 Individuals Residing from the Mediterranean to Scandinavia. <i>Journal of Investigative Dermatology</i> , 2010, 130, 626-628.	0.3	69
44	Explaining a possible protective role of polymorphous light eruption against skin cancer. <i>Expert Review of Dermatology</i> , 2009, 4, 309-311.	0.3	2
45	Comment on "A proposal for in vitro/GFR molecular erythema action spectrum". <i>J. Appl. Phys.</i> 104, 034701 (2008)]. <i>Journal of Applied Physics</i> , 2009, 105, 116103.	1.1	4
46	Photocarcinogenesis – DNA Damage and Gene Mutations. <i>Cancer Treatment and Research</i> , 2009, 146, 101-108.	0.2	10
47	Protein Kinase C δ Reveals Importance of Extrinsic Apoptosis in Preventing UV Carcinogenesis. <i>Journal of Investigative Dermatology</i> , 2009, 129, 1853-1856.	0.3	3
48	Early Events in UV Carcinogenesis – DNA Damage, Target Cells and Mutant p53 Foci. <i>Photochemistry and Photobiology</i> , 2008, 84, 382-387.	1.3	120
49	Climate change and human skin cancer. <i>Photochemical and Photobiological Sciences</i> , 2008, 7, 730-733.	1.6	67
50	Specific betapapillomaviruses associated with squamous cell carcinoma of the skin inhibit UVB-induced apoptosis of primary human keratinocytes. <i>Journal of General Virology</i> , 2008, 89, 2303-2314.	1.3	59
51	UV-induced Immunosuppression in the Balance. <i>Photochemistry and Photobiology</i> , 2007, 84, 071027164408002-???	1.3	29
52	UVA Exposure Affects UVB and cis-Urocanic Acid-Induced Systemic Suppression of Immune Responses in <i>Listeria monocytogenes</i> -infected Balb/c Mice. <i>Photochemistry and Photobiology</i> , 2007, 73, 432-438.	1.3	4
53	Epidermal cis-Urocanic Acid Levels Correlate with Lower Specific Cellular Immune Responses After Hepatitis B Vaccination of Ultraviolet B-exposed Humans. <i>Photochemistry and Photobiology</i> , 2007, 77, 271-275.	1.3	3
54	Seasonal and Latitudinal Impact of Polymorphic Light Eruption on Quality of Life. <i>Journal of Investigative Dermatology</i> , 2006, 126, 1648-1651.	0.3	18

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55	Elimination of Keratinocytes Atagnant in S Phase Through Epidermal Turnover Instead of In Situ Apoptosis. <i>Cell Cycle</i> , 2006, 5, 565-566.	1.3	1
56	Predictions of skin cancer incidence in the Netherlands up to 2015. <i>British Journal of Dermatology</i> , 2005, 152, 481-488.	1.4	230
57	Normalized ultraviolet (UV) induction of Langerhans cell depletion and neutrophil infiltrates after artificial UVB hardening of patients with polymorphic light eruption.. <i>British Journal of Dermatology</i> , 2005, 152, 1268-1274.	1.4	48
58	Epidermal transit of replication-arrested, undifferentiated keratinocytes in UV-exposed XPC mice: An alternative to in situ apoptosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 18980-18985.	3.3	14
59	Health effects from stratospheric ozone depletion and interactions with climate changeThis article is published as part of the United Nations Environmental Programme: Environmental effects of ozone depletion and its interactions with climate change: 2002 assessment.. <i>Photochemical and Photobiological Sciences</i> , 2003, 2, 16.	1.6	93
60	Photocarcinogenesis: UVA vs. UVB Radiation. <i>Skin Pharmacology and Physiology</i> , 2002, 15, 316-320.	1.1	252
61	Ultraviolet radiation and tumor immunity. <i>Methods</i> , 2002, 28, 122-129.	1.9	28
62	Physical variables in experimental photocarcinogenesis and quantitative relationships between stages of tumor development. <i>Frontiers in Bioscience - Landmark</i> , 2002, 7, d1525-1530.	3.0	7
63	p53 mutations as a marker of skin cancer risk: comparison of UVA and UVB effects. <i>Experimental Dermatology</i> , 2002, 11, 37-39.	1.4	54
64	UV-induced DNA damage, repair, mutations and oncogenic pathways in skin cancer. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2001, 63, 19-27.	1.7	463
65	Health effects from the sun's ultraviolet radiation and ozone as a stratospheric sunscreen. <i>EcoHealth</i> , 2000, 1, 26-40.	0.5	2
66	Differential role of transcription-coupled repair in UVB-induced G2 arrest and apoptosis in mouse epidermis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2000, 97, 11268-11273.	3.3	78
67	Methods for exposure of laboratory animals to ultraviolet radiation. <i>Laboratory Animals</i> , 1999, 33, 58-67.	0.5	25
68	In Situ Molecular Dosimetry and Tumor Risk: UV-Induced DNA Damage and Tumor Latency Time. <i>Photochemistry and Photobiology</i> , 1998, 68, 555-560.	1.3	7
69	XPA-deficiency in hairless mice causes a shift in skin tumor types and mutational target genes after exposure to low doses of U.V.B.. <i>Oncogene</i> , 1998, 16, 2205-2212.	2.6	45
70	In situ molecular dosimetry and tumor risk: UV-induced DNA damage and tumor latency time. <i>Photochemistry and Photobiology</i> , 1998, 68, 555-60.	1.3	4
71	Cell Cycle Effects and Concomitant p53 Expression in Hairless Murine Skin after Longwave UVA (365) Tj ETQq1 1 0.784314 rgBT /Overl 730-735.	1.3	30
72	Time and Dose Dependence of Acceptance of UVa-induced Syngeneic Tumor Implants in Chronically UVa-Exposed Hairless Mice. <i>Photochemistry and Photobiology</i> , 1997, 65, 342-346.	1.3	10

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73	Photobiology of Photocarcinogenesis. Photochemistry and Photobiology, 1996, 63, 372-375.	1.3	15
74	Cell Cycle Kinetics Following UVA Irradiation in Comparison to UVB and UVC Irradiation. Photochemistry and Photobiology, 1996, 63, 492-497.	1.3	52
75	Effects of Ultraviolet-B Exposure on the Resistance to <i>Listeria monocytogenes</i> in the Rat. Photochemistry and Photobiology, 1996, 63, 672-679.	1.3	52
76	Estimates of ozone depletion and skin cancer incidence to examine the Vienna Convention achievements. Nature, 1996, 384, 256-258.	13.7	260
77	UV-induced skin cancer in a hairless mouse model. BioEssays, 1995, 17, 651-660.	1.2	164
78	Increased susceptibility to ultraviolet-B and carcinogens of mice lacking the DNA excision repair gene XPA. Nature, 1995, 377, 169-173.	13.7	386
79	Action Spectrum for Photocarcinogenesis. Recent Results in Cancer Research, 1995, 139, 21-30.	1.8	25
80	STRATOSPHERIC OZONE DEPLETION BETWEEN 1979 and 1992: IMPLICATIONS FOR BIOLOGICALLY ACTIVE ULTRAVIOLET RADIATION and NON-MELANOMA SKIN CANCER INCIDENCE. Photochemistry and Photobiology, 1994, 59, 541-546.	1.3	82
81	EFFECTS OF in vitro EXPOSURE TO ULTRAVIOLET RADIATION ON THE FUNCTIONAL ACTIVITY OF LYMPHOCYTES, WITH EMPHASIS ON SUSCEPTIBILITY OF DIFFERENT SPECIES. Photochemistry and Photobiology, 1994, 60, 373-379.	1.3	13
82	Skin cancer and UV radiation. Nature, 1993, 366, 23-23.	13.7	113
83	Wavelength dependence of skin cancer induction by ultraviolet irradiation of albino hairless mice. Cancer Research, 1993, 53, 53-60.	0.4	367
84	Development of skin tumors in hairless mice after discontinuation of ultraviolet irradiation. Cancer Research, 1991, 51, 979-84.	0.4	48
85	OZONE DEPLETION AND INCREASE IN ANNUAL CARCINOGENIC ULTRAVIOLET DOSE. Photochemistry and Photobiology, 1990, 52, 819-823.	1.3	90
86	DOSE-TIME DEPENDENCY OF TUMOR FORMATION BY CHRONIC UV EXPOSURE. Photochemistry and Photobiology, 1983, 37, 53-62.	1.3	128