

Frances P Noonan

List of Publications by Year in descending order

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Version: 2024-02-01

57
papers

3,790
citations

257450

24
h-index

182427

51
g-index

58
all docs

58
docs citations

58
times ranked

2871
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanism of immune suppression by ultraviolet irradiation in vivo. I. Evidence for the existence of a unique photoreceptor in skin and its role in photoimmunology.. Journal of Experimental Medicine, 1983, 158, 84-98.	8.5	506
2	Neonatal sunburn and melanoma in mice. Nature, 2001, 413, 271-272.	27.8	359
3	Immunosuppression by ultraviolet B radiation: initiation by urocanic acid. Trends in Immunology, 1992, 13, 250-254.	7.5	286
4	Interferon- β links ultraviolet radiation to melanomagenesis in mice. Nature, 2011, 469, 548-553.	27.8	264
5	Melanoma induction by ultraviolet A but not ultraviolet B radiation requires melanin pigment. Nature Communications, 2012, 3, 884.	12.8	249
6	Ultraviolet B but not Ultraviolet A Radiation Initiates Melanoma. Cancer Research, 2004, 64, 6372-6376.	0.9	245
7	Ultraviolet radiation and cutaneous malignant melanoma. Oncogene, 2003, 22, 3099-3112.	5.9	236
8	Dermal Mast Cells Determine Susceptibility to Ultraviolet B-induced Systemic Suppression of Contact Hypersensitivity Responses in Mice. Journal of Experimental Medicine, 1998, 187, 2045-2053.	8.5	228
9	Cis-Urocanic Acid, a Product formed by Ultraviolet B Irradiation of the Skin, Initiates and Antigen Presentation Defect in Splenic Dendritic Cells In Vivo. Journal of Investigative Dermatology, 1988, 90, 92-99.	0.7	149
10	The effects on human health from stratospheric ozone depletion and its interactions with climate change. Photochemical and Photobiological Sciences, 2007, 6, 232-251.	2.9	137
11	Early pregnancy factor is immunosuppressive. Nature, 1979, 278, 649-651.	27.8	135
12	ULTRAVIOLET-B DOSE-RESPONSE CURVES FOR LOCAL AND SYSTEMIC IMMUNOSUPPRESSION ARE IDENTICAL. Photochemistry and Photobiology, 1990, 52, 801-810.	2.5	102
13	Ink4a/arf deficiency promotes ultraviolet radiation-induced melanomagenesis. Cancer Research, 2002, 62, 6724-30.	0.9	81
14	Animal Models of Melanoma: An HGF/SF Transgenic Mouse Model May Facilitate Experimental Access to UV Initiating Events. Pigment Cell & Melanoma Research, 2003, 16, 16-25.	3.6	76
15	Susceptibility to immunosuppression by ultraviolet B radiation in the mouse. Immunogenetics, 1994, 39, 29-39.	2.4	72
16	Ultraviolet Radiation Inhibits Alloantigen Presentation by Epidermal Cells: Partial Reversal by the Soluble Epidermal Cell Product, Epidermal Cell-Derived Thymocyte-Activating Factor (ETAF). Journal of Investigative Dermatology, 1983, 80, 485-489.	0.7	64
17	BIOLOGICALLY EFFECTIVE DOSES OF SUNLIGHT FOR IMMUNE SUPPRESSION AT VARIOUS LATITUDES AND THEIR RELATIONSHIP TO CHANGES IN STRATOSPHERIC OZONE. Photochemistry and Photobiology, 1990, 52, 811-817.	2.5	63
18	Cis-UROCANIC ACID DOWN-REGULATES THE INDUCTION OF ADENOSINE 3', 5'-CYCLIC MONOPHOSPHATE BY EITHER trans-UROCANIC ACID OR HISTAMINE IN HUMAN DERMAL FIBROBLASTS in vitro. Photochemistry and Photobiology, 1992, 55, 165-171.	2.5	40

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19	Suppression of contact hypersensitivity by ultraviolet radiation: An experimental model. <i>Seminars in Immunopathology</i> , 1981, 4, 293-304.	4.0	39
20	Age-related changes in dermal mast cell prevalence in BALB/c mice: functional importance and correlation with dermal mast cell expression of Kit. <i>Immunology</i> , 1999, 98, 352-356.	4.4	35
21	Modeling gene-environment interactions in malignant melanoma. <i>Trends in Molecular Medicine</i> , 2003, 9, 102-108.	6.7	30
22	Deficient inflammatory response to UV radiation in neonatal mice. <i>Journal of Leukocyte Biology</i> , 2007, 81, 1352-1361.	3.3	30
23	Sunscreen prevention of melanoma in man and mouse. <i>Pigment Cell and Melanoma Research</i> , 2010, 23, 835-837.	3.3	30
24	SCA-1+ Cells with an Adipocyte Phenotype in Neonatal Mouse Skin. <i>Journal of Investigative Dermatology</i> , 2005, 125, 383-385.	0.7	25
25	Neonatal susceptibility to UV induced cutaneous malignant melanoma in a mouse model. <i>Photochemical and Photobiological Sciences</i> , 2006, 5, 254-260.	2.9	25
26	Control of UVB immunosuppression in the mouse by autosomal and sex-linked genes. <i>Immunogenetics</i> , 1994, 40, 247-56.	2.4	23
27	Animal Models of Melanoma. <i>Journal of Investigative Dermatology Symposium Proceedings</i> , 2005, 10, 86-88.	0.8	22
28	Studies of Contact Hypersensitivity and Tolerance &in vivo& and &in vitro&. <i>International Archives of Allergy and Immunology</i> , 1978, 56, 523-532.	2.1	21
29	Shedding Light on Melanocyte Pathobiology In Vivo : Figure 1.. <i>Cancer Research</i> , 2012, 72, 1591-1595.	0.9	19
30	Mice With Genetically Determined High Susceptibility to Ultraviolet (UV)-Induced Immunosuppression Show Enhanced UV Carcinogenesis. <i>Journal of Investigative Dermatology</i> , 2003, 121, 1175-1181.	0.7	17
31	Genetic restriction of the serum factor mediating tolerance in trinitrochlorobenzene hypersensitivity. <i>Cellular Immunology</i> , 1980, 50, 41-47.	3.0	15
32	Genetic control of susceptibility to UV-induced immunosuppression by interacting quantitative trait loci. <i>Genes and Immunity</i> , 2000, 1, 251-259.	4.1	15
33	Functional melanocortin 1 receptor <sc>M</sc>c1r is not necessary for an inflammatory response to <sc>UV</sc> radiation in adult mouse skin. <i>Experimental Dermatology</i> , 2013, 22, 226-228.	2.9	15
34	IMMUNE SUPPRESSION BY ULTRAVIOLET RADIATION AND ITS ROLE IN ULTRAVIOLET RADIATION INDUCED CARCINOGENESIS IN MICE. <i>Australasian Journal of Dermatology</i> , 1985, 26, 4-8.	0.7	14
35	Dietary Î²-carotene and ultraviolet-induced immunosuppression. <i>Clinical and Experimental Immunology</i> , 2003, 103, 54-60.	2.6	14
36	Human thoracic duct cannulation: Manipulation of tumor-specific blocking factors in a patient with malignant melanoma. <i>Cancer</i> , 1975, 35, 1465-1471.	4.1	12

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37	Nme1 and Nme2 genes exert metastasis-suppressor activities in a genetically engineered mouse model of UV-induced melanoma. <i>British Journal of Cancer</i> , 2021, 124, 161-165.	6.4	11
38	Regulation of Stimulated Cyclic AMP Synthesis by Urocanic Acid. <i>Photochemistry and Photobiology</i> , 1998, 67, 324-331.	2.5	10
39	Control of tumor growth in mice by thoracic duct drainage: Relationship to blocking factor in lymph. <i>International Journal of Cancer</i> , 1974, 13, 640-649.	5.1	9
40	UV-Induced Immunosuppression. , 1993, , 113-148.		9
41	A melanin-independent interaction between Mc1r and Met signaling pathways is required for HGF-dependent melanoma. <i>International Journal of Cancer</i> , 2015, 136, 752-760.	5.1	8
42	Comprehensive molecular profiling of UV-induced metastatic melanoma in Nme1/Nme2-deficient mice reveals novel markers of survival in human patients. <i>Oncogene</i> , 2021, 40, 6329-6342.	5.9	8
43	Urocanic Acid Does not Photobind to DNA in Mice Irradiated with Immunosuppressive Doses of UVB. <i>Photochemistry and Photobiology</i> , 1998, 67, 222.	2.5	7
44	Identification of IJ antigenic determinants on a hapten-specific serum blocking factor. <i>Immunology Letters</i> , 1980, 1, 325-327.	2.5	6
45	UVB and UVA Initiate Different Pathways to p53-Dependent Apoptosis in Melanocytes. <i>Journal of Investigative Dermatology</i> , 2009, 129, 1608-1610.	0.7	6
46	Studies of Contact Hypersensitivity and Tolerance &in vivo& and &in vitro&. <i>International Archives of Allergy and Immunology</i> , 1978, 56, 533-542.	2.1	5
47	UV Immunosuppression and Skin Cancer. <i>Journal of Investigative Dermatology</i> , 1998, 111, 706-707.	0.7	4
48	UV Radiation and human health effects. <i>International Journal of Environmental Studies</i> , 1996, 51, 257-268.	1.6	3
49	UV-B radiation: a health risk in the Arctic?. <i>Polar Research</i> , 1999, 18, 361-365.	1.6	3
50	UV-B radiation: a health risk in the Arctic?. <i>Polar Research</i> , 1999, 18, 361-365.	1.6	3
51	End Thoracic Duct Pressures in Man. <i>ANZ Journal of Surgery</i> , 1975, 45, 422-424.	0.7	2
52	The Photoimmunology of Delayed-Type Hypersensitivity and Its Relationship to Photocarcinogenesis. , 1983, , 95-106.		2
53	UV Immunosuppression and Skin Cancer. <i>Journal of Investigative Dermatology</i> , 1998, 111, 706.	0.7	1
54	SYSTEMIC SUPPRESSION OF CONTACT HYPERSENSITIVITY BY IN VIVO UV IRRADIATION. <i>Annals of the New York Academy of Sciences</i> , 1982, 392, 405-406.	3.8	0

#	ARTICLE	IF	CITATIONS
55	Antigen-specific proliferation of murine lymph node cells in vitro. Cytotechnology, 1992, 14, 21-24.	0.3	0
56	Urocanic Acid Does not Photobind to DNA in Mice Irradiated with Immunosuppressive Doses of UVB*. Photochemistry and Photobiology, 1998, 67, 222-226.	2.5	0
57	Abstract IA22: Modeling recurrent metastatic melanoma in the mouse. , 2014, , .		0