

Emi K Nishimura

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

3,773
citations

567281

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h-index

526287

27
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29
all docs

29
docs citations

29
times ranked

4195
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanisms of Hair Graying: Incomplete Melanocyte Stem Cell Maintenance in the Niche. <i>Science</i> , 2005, 307, 720-724.	12.6	984
2	Dominant role of the niche in melanocyte stem-cell fate determination. <i>Nature</i> , 2002, 416, 854-860.	27.8	825
3	Genotoxic Stress Abrogates Renewal of Melanocyte Stem Cells by Triggering Their Differentiation. <i>Cell</i> , 2009, 137, 1088-1099.	28.9	325
4	Hair follicle aging is driven by transepidermal elimination of stem cells via COL17A1 proteolysis. <i>Science</i> , 2016, 351, aad4395.	12.6	265
5	Stem cell competition orchestrates skin homeostasis and ageing. <i>Nature</i> , 2019, 568, 344-350.	27.8	245
6	Melanocyte stem cells: a melanocyte reservoir in hair follicles for hair and skin pigmentation. <i>Pigment Cell and Melanoma Research</i> , 2011, 24, 401-410.	3.3	243
7	Hair Follicle Stem Cells Provide a Functional Niche for Melanocyte Stem Cells. <i>Cell Stem Cell</i> , 2011, 8, 177-187.	11.1	241
8	Key Roles for Transforming Growth Factor β 2 in Melanocyte Stem Cell Maintenance. <i>Cell Stem Cell</i> , 2010, 6, 130-140.	11.1	197
9	p38 β Activates Purine Metabolism to Initiate Hematopoietic Stem/Progenitor Cell Cycling in Response to Stress. <i>Cell Stem Cell</i> , 2016, 19, 192-204.	11.1	92
10	A melanocyteâ€“melanoma precursor niche in sweat glands of volar skin. <i>Pigment Cell and Melanoma Research</i> , 2014, 27, 1039-1050.	3.3	58
11	Mutant ASXL1 induces age-related expansion of phenotypic hematopoietic stem cells through activation of Akt/mTOR pathway. <i>Nature Communications</i> , 2021, 12, 1826.	12.8	54
12	Obesity accelerates hair thinning by stem cell-centric converging mechanisms. <i>Nature</i> , 2021, 595, 266-271.	27.8	54
13	A novel mouse model demonstrates that oncogenic melanocyte stem cells engender melanoma resembling human disease. <i>Nature Communications</i> , 2019, 10, 5023.	12.8	51
14	Two clonal types of human skin fibroblasts with different potentials for proliferation and tissue remodeling ability. <i>Journal of Dermatological Science</i> , 2016, 82, 84-94.	1.9	20
15	Beclin 1 regulates recycling endosome and is required for skin development in mice. <i>Communications Biology</i> , 2019, 2, 37.	4.4	20
16	EGFR-mediated epidermal stem cell motility drives skin regeneration through COL17A1 proteolysis. <i>Journal of Cell Biology</i> , 2021, 220, .	5.2	18
17	Dynamic stem cell selection safeguards the genomic integrity of the epidermis. <i>Developmental Cell</i> , 2021, 56, 3309-3320.e5.	7.0	15
18	Distinct types of stem cell divisions determine organ regeneration and aging in hair follicles. <i>Nature Aging</i> , 2021, 1, 190-204.	11.6	11

#	ARTICLE	IF	CITATIONS
19	Intracrine activity involving NAD-dependent circadian steroidogenic activity governs age-associated meibomian gland dysfunction. <i>Nature Aging</i> , 2022, 2, 105-114.	11.6	11
20	IGF-1R deficiency in human keratinocytes disrupts epidermal homeostasis and stem cell maintenance. <i>Journal of Dermatological Science</i> , 2019, 94, 298-305.	1.9	10
21	Rotation is the primary motion of paired human epidermal keratinocytes. <i>Journal of Dermatological Science</i> , 2015, 79, 194-202.	1.9	8
22	Stem cell spreading dynamics intrinsically differentiate acral melanomas from nevi. <i>Cell Reports</i> , 2021, 36, 109492.	6.4	8
23	NUAK2 localization in normal skin and its expression in a variety of skin tumors with YAP. <i>Journal of Dermatological Science</i> , 2020, 97, 143-151.	1.9	6
24	Automated collective motion analysis validates human keratinocyte stem cell cultures. <i>Scientific Reports</i> , 2019, 9, 18725.	3.3	5
25	iNOS inhibits hair regeneration in obese diabetic (ob/ob) mice. <i>Biochemical and Biophysical Research Communications</i> , 2018, 501, 893-897.	2.1	4
26	Evaluation of the proliferative potential of skin keratinocytes and fibroblasts isolated from critical limb ischemia patients. <i>Regenerative Therapy</i> , 2020, 14, 222-226.	3.0	1
27	Mitf is required for T cell maturation by regulating dendritic cell homing to the thymus. <i>Biochemical and Biophysical Research Communications</i> , 2022, 596, 29-35.	2.1	1
28	Shin-Ichi Nishikawa MD, PhD. <i>Pigment Cell and Melanoma Research</i> , 2010, 23, 683-683.	3.3	0