

Rose Z Hill

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

599
citations

1163117

8
h-index

1125743

13
g-index

18
all docs

18
docs citations

18
times ranked

910
citing authors

#	ARTICLE	IF	CITATIONS
1	Unconventional endocannabinoid signaling governs sperm activation via the sex hormone progesterone. <i>Science</i> , 2016, 352, 555-559.	12.6	200
2	Neutrophils promote CXCR3-dependent itch in the development of atopic dermatitis. <i>ELife</i> , 2019, 8, .	6.0	99
3	PIEZO1 transduces mechanical itch in mice. <i>Nature</i> , 2022, 607, 104-110.	27.8	69
4	Optical control of sphingosine-1-phosphate formation and function. <i>Nature Chemical Biology</i> , 2019, 15, 623-631.	8.0	66
5	S1PR3 Mediates Itch and Pain via Distinct TRP Channel-Dependent Pathways. <i>Journal of Neuroscience</i> , 2018, 38, 7833-7843.	3.6	51
6	Getting in Touch with Mechanical Pain Mechanisms. <i>Trends in Neurosciences</i> , 2020, 43, 311-325.	8.6	51
7	The signaling lipid sphingosine 1-phosphate regulates mechanical pain. <i>ELife</i> , 2018, 7, .	6.0	32
8	ABCC5 is required for cAMP-mediated hindgut invagination in sea urchin embryos. <i>Development (Cambridge)</i> , 2015, 142, 3537-48.	2.5	16
9	Nerve-associated transient receptor potential ion channels can contribute to intrinsic resistance to bacterial adhesion in vivo. <i>FASEB Journal</i> , 2021, 35, e21899.	0.5	5
10	Loss of S1PR3 attenuates scratching behaviors in mice in the imiquimod model of psoriasis, but not in the MC903 model of atopic dermatitis. <i>Itch (Philadelphia, Pa)</i> , 2020, 5, e35-e35.	0.2	3
11	A trio of ion channels takes the heat. <i>Nature</i> , 2018, 555, 591-592.	27.8	2
12	Montagna Symposium 2016â€”The Skin: Our Sensory Organ for Itch, Pain, Touch, and Pleasure. <i>Journal of Investigative Dermatology</i> , 2017, 137, 1401-1404.	0.7	1
13	A teaching laboratory on the activation of xenobiotic transporters at fertilization of sea urchins. <i>Methods in Cell Biology</i> , 2019, 150, 429-447.	1.1	1
14	A TREK to Translate Genetics to Mechanisms of Migraine. <i>Neuron</i> , 2019, 101, 193-195.	8.1	0