

# Rose Z Hill

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2183291/publications.pdf>

Version: 2024-02-01

14  
papers

599  
citations

1162889

8  
h-index

1125617

13  
g-index

18  
all docs

18  
docs citations

18  
times ranked

910  
citing authors

#	ARTICLE	IF	CITATIONS
1	PIEZO1 transduces mechanical itch in mice. <i>Nature</i> , 2022, 607, 104-110.	13.7	69
2	Nerve-associated transient receptor potential ion channels can contribute to intrinsic resistance to bacterial adhesion in vivo. <i>FASEB Journal</i> , 2021, 35, e21899.	0.2	5
3	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.	1.0	3
4	Getting in Touch with Mechanical Pain Mechanisms. <i>Trends in Neurosciences</i> , 2020, 43, 311-325.	4.2	51
5	Optical control of sphingosine-1-phosphate formation and function. <i>Nature Chemical Biology</i> , 2019, 15, 623-631.	3.9	66
6	A teaching laboratory on the activation of xenobiotic transporters at fertilization of sea urchins. <i>Methods in Cell Biology</i> , 2019, 150, 429-447.	0.5	1
7	A TREK to Translate Genetics to Mechanisms of Migraine. <i>Neuron</i> , 2019, 101, 193-195.	3.8	0
8	Neutrophils promote CXCR3-dependent itch in the development of atopic dermatitis. <i>ELife</i> , 2019, 8, .	2.8	99
9	The signaling lipid sphingosine 1-phosphate regulates mechanical pain. <i>ELife</i> , 2018, 7, .	2.8	32
10	A trio of ion channels takes the heat. <i>Nature</i> , 2018, 555, 591-592.	13.7	2
11	S1PR3 Mediates Itch and Pain via Distinct TRP Channel-Dependent Pathways. <i>Journal of Neuroscience</i> , 2018, 38, 7833-7843.	1.7	51
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.	0.3	1
13	Unconventional endocannabinoid signaling governs sperm activation via the sex hormone progesterone. <i>Science</i> , 2016, 352, 555-559.	6.0	200
14	ABCC5 is required for cAMP-mediated hindgut invagination in sea urchin embryos. <i>Development (Cambridge)</i> , 2015, 142, 3537-48.	1.2	16