

Vivek T Natarajan

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6480893/publications.pdf>

Version: 2024-02-01

16
papers

570
citations

840776

11
h-index

996975

15
g-index

21
all docs

21
docs citations

21
times ranked

1183
citing authors

#	ARTICLE	IF	CITATIONS
1	Multifaceted pathways protect human skin from UV radiation. <i>Nature Chemical Biology</i> , 2014, 10, 542-551.	8.0	174
2	IFN- β signaling maintains skin pigmentation homeostasis through regulation of melanosome maturation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 2301-2306.	7.1	88
3	<scp>STIM</scp> 1 activation of adenylyl cyclase 6 connects Ca ²⁺ and <scp>cAMP</scp> signaling during melanogenesis. <i>EMBO Journal</i> , 2018, 37, .	7.8	54
4	Classical autophagy proteins LC3B and ATG4B facilitate melanosome movement on cytoskeletal tracks. <i>Autophagy</i> , 2017, 13, 1331-1347.	9.1	48
5	Non-invasive topical delivery of plasmid DNA to the skin using a peptide carrier. <i>Journal of Controlled Release</i> , 2016, 222, 159-168.	9.9	33
6	Mapping architectural and transcriptional alterations in non-lesional and lesional epidermis in vitiligo. <i>Scientific Reports</i> , 2017, 7, 9860.	3.3	33
7	Micro RNAs upregulated in Vitiligo skin play an important role in its aetiopathogenesis by altering TRP1 expression and keratinocyte-melanocytes cross-talk. <i>Scientific Reports</i> , 2019, 9, 10079.	3.3	27
8	Unsaturated Lipid Assimilation by Mycobacteria Requires Auxiliary cis-trans Enoyl CoA Isomerase. <i>Chemistry and Biology</i> , 2015, 22, 1577-1587.	6.0	24
9	pH-controlled histone acetylation amplifies melanocyte differentiation downstream of MITF. <i>EMBO Reports</i> , 2020, 21, e48333.	4.5	22
10	Myg1 exonuclease couples the nuclear and mitochondrial translational programs through RNA processing. <i>Nucleic Acids Research</i> , 2019, 47, 5852-5866.	14.5	18
11	Population Diversity and Adaptive Evolution in Keratinization Genes: Impact of Environment in Shaping Skin Phenotypes. <i>Molecular Biology and Evolution</i> , 2015, 32, 555-573.	8.9	17
12	Non-invasive Oil-Based Method to Increase Topical Delivery of Nucleic Acids to Skin. <i>Molecular Therapy</i> , 2017, 25, 1342-1352.	8.2	9
13	Histone variant dictates fate biasing of neural crest cells to melanocyte lineage. <i>Development (Cambridge)</i> , 2020, 147, .	2.5	8
14	Temporal analysis of melanogenesis identifies fatty acid metabolism as key skin pigment regulator. <i>PLoS Biology</i> , 2022, 20, e3001634.	5.6	8
15	VitiVar: A locus specific database of vitiligo associated genes and variations. <i>Gene: X</i> , 2019, 721, 100018.	2.3	6
16	Reverse Genetic Approach to Identify Regulators of Pigmentation using Zebrafish. <i>Journal of Visualized Experiments</i> , 2022, , .	0.3	0