

# 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  
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21  
docs citations

21  
times ranked

1183  
citing authors

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