

# Anand K Ganesan

## List of Publications by Year in descending order

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29  
papers

975  
citations

430874

18  
h-index

501196

28  
g-index

33  
all docs

33  
docs citations

33  
times ranked

1676  
citing authors

#	ARTICLE	IF	CITATIONS
1	Genome-Wide siRNA-Based Functional Genomics of Pigmentation Identifies Novel Genes and Pathways That Impact Melanogenesis in Human Cells. <i>PLoS Genetics</i> , 2008, 4, e1000298.	3.5	129
2	Systems-level cancer gene identification from protein interaction network topology applied to melanogenesis-related functional genomics data. <i>Journal of the Royal Society Interface</i> , 2010, 7, 423-437.	3.4	95
3	The pleiotropic roles of autophagy regulators in melanogenesis. <i>Pigment Cell and Melanoma Research</i> , 2011, 24, 595-604.	3.3	74
4	WIPI1 Coordinates Melanogenic Gene Transcription and Melanosome Formation via TORC1 Inhibition. <i>Journal of Biological Chemistry</i> , 2011, 286, 12509-12523.	3.4	72
5	Real-world experience of dupilumab treatment for atopic dermatitis in adults: a retrospective analysis of patients' records. <i>International Journal of Dermatology</i> , 2020, 59, 253-256.	1.0	62
6	RhoJ Regulates Melanoma Chemoresistance by Suppressing Pathways That Sense DNA Damage. <i>Cancer Research</i> , 2012, 72, 5516-5528.	0.9	53
7	Complete Acid Ceramidase ablation prevents cancer-initiating cell formation in melanoma cells. <i>Scientific Reports</i> , 2017, 7, 7411.	3.3	49
8	Transcriptomic and proteomic signatures of stemness and differentiation in the colon crypt. <i>Communications Biology</i> , 2020, 3, 453.	4.4	37
9	Tyrosinase Depletion Prevents the Maturation of Melanosomes in the Mouse Hair Follicle. <i>PLoS ONE</i> , 2015, 10, e0143702.	2.5	35
10	Broad spectrum identification of SUMO substrates in melanoma cells. <i>Proteomics</i> , 2007, 7, 2216-2221.	2.2	33
11	Protein interaction network topology uncovers melanogenesis regulatory network components within functional genomics datasets. <i>BMC Systems Biology</i> , 2010, 4, 84.	3.0	32
12	In vivo multiphoton microscopy of melasma. <i>Pigment Cell and Melanoma Research</i> , 2019, 32, 403-411.	3.3	31
13	Spatial transcriptomics using combinatorial fluorescence spectral and lifetime encoding, imaging and analysis. <i>Nature Communications</i> , 2022, 13, 169.	12.8	31
14	ATR Mutations Promote the Growth of Melanoma Tumors by Modulating the Immune Microenvironment. <i>Cell Reports</i> , 2017, 18, 2331-2342.	6.4	30
15	9-cis retinoic acid is the ALDH1A1 product that stimulates melanogenesis. <i>Experimental Dermatology</i> , 2013, 22, 202-209.	2.9	27
16	Fast, large area multiphoton exoscope (FLAME) for macroscopic imaging with microscopic resolution of human skin. <i>Scientific Reports</i> , 2020, 10, 18093.	3.3	26
17	RhoJ modulates melanoma invasion by altering actin cytoskeletal dynamics. <i>Pigment Cell and Melanoma Research</i> , 2013, 26, 218-225.	3.3	25
18	Dynamics of nevus development implicate cell cooperation in the growth arrest of transformed melanocytes. <i>ELife</i> , 2020, 9, .	6.0	22

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19	The Rhoj-BAD signaling network: An Achilles™ heel for BRAF mutant melanomas. PLoS Genetics, 2017, 13, e1006913.	3.5	20
20	Delineating the role of <i>MITF</i> isoforms in pigmentation and tissue homeostasis. Pigment Cell and Melanoma Research, 2020, 33, 279-292.	3.3	17
21	Multimodal analyses of vitiligo skin identifies tissue characteristics of stable disease. JCI Insight, 2022, 7, .	5.0	17
22	Pharmacophore Identification and Scaffold Exploration to Discover Novel, Potent, and Chemically Stable Inhibitors of Acid Ceramidase in Melanoma Cells. Journal of Medicinal Chemistry, 2017, 60, 5800-5815.	6.4	15
23	PIKfyve regulates melanosome biogenesis. PLoS Genetics, 2018, 14, e1007290.	3.5	14
24	Nonâ€invasive optical biopsy by multiphoton microscopy identifies the live morphology of common melanocytic nevi. Pigment Cell and Melanoma Research, 2020, 33, 869-877.	3.3	11
25	Alchemical Free Energy Calculations to Investigate Proteinâ€Protein Interactions: the Case of the CDC42/PAK1 Complex. Journal of Chemical Information and Modeling, 2022, 62, 3023-3033.	5.4	8
26	Structure-based design of CDC42 effector interaction inhibitors for the treatment of cancer. Cell Reports, 2022, 39, 110641.	6.4	5
27	Pigment Production Analysis in Human Melanoma Cells. Methods in Molecular Biology, 2016, , 1.	0.9	2
28	Gene mutations distinguishing gastric from colorectal and esophageal adenocarcinomas. Journal of Gastrointestinal Oncology, 2020, 11, 45-54.	1.4	2
29	Harnessing RNAi-Based Functional Genomics to Unravel the Molecular Complexity Underlying Skin Pigment Variation. , 2010, , 227-253.		0