

# Matthew P Scott

## List of Publications by Year in descending order

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35  
papers

8,417  
citations

279487

23  
h-index

454577

30  
g-index

36  
all docs

36  
docs citations

36  
times ranked

7861  
citing authors

#	ARTICLE	IF	CITATIONS
1	Altered Neural Cell Fates and Medulloblastoma in MousepatchedMutants. <i>Science</i> , 1997, 277, 1109-1113.	6.0	1,628
2	Effects of oncogenic mutations in Smoothened and Patched can be reversed by cyclopamine. <i>Nature</i> , 2000, 406, 1005-1009.	13.7	1,243
3	Control of Neuronal Precursor Proliferation in the Cerebellum by Sonic Hedgehog. <i>Neuron</i> , 1999, 22, 103-114.	3.8	1,228
4	The tumour-suppressor gene patched encodes a candidate receptor for Sonic hedgehog. <i>Nature</i> , 1996, 384, 129-134.	13.7	1,065
5	The Developmental Biology of Brain Tumors. <i>Annual Review of Neuroscience</i> , 2001, 24, 385-428.	5.0	446
6	The output of Hedgehog signaling is controlled by the dynamic association between Suppressor of Fused and the Gli proteins. <i>Genes and Development</i> , 2010, 24, 670-682.	2.7	404
7	Ultraviolet and ionizing radiation enhance the growth of BCCs and trichoblastomas in patched heterozygous knockout mice. <i>Nature Medicine</i> , 1999, 5, 1285-1291.	15.2	386
8	Progressive ataxia, myoclonic epilepsy and cerebellar apoptosis in cystatin B-deficient mice. <i>Nature Genetics</i> , 1998, 20, 251-258.	9.4	332
9	Induction of basal cell carcinoma features in transgenic human skin expressing Sonic Hedgehog. <i>Nature Medicine</i> , 1997, 3, 788-792.	15.2	292
10	Lateral transport of Smoothened from the plasma membrane to the membrane of the cilium. <i>Journal of Cell Biology</i> , 2009, 187, 365-374.	2.3	253
11	naked cuticle encodes an inducible antagonist of Wnt signalling. <i>Nature</i> , 2000, 403, 789-795.	13.7	195
12	Evidence that haploinsufficiency ofPtch leads to medulloblastoma in mice. <i>Genes Chromosomes and Cancer</i> , 2000, 28, 77-81.	1.5	136
13	Automated sorting of live transgenic embryos. <i>Nature Biotechnology</i> , 2001, 19, 153-156.	9.4	94
14	Single-molecule imaging of Hedgehog pathway protein Smoothened in primary cilia reveals binding events regulated by Patched1. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 8320-8325.	3.3	89
15	Noncanonical hedgehog pathway activation through SRFâ€“MKL1 promotes drug resistance in basal cell carcinomas. <i>Nature Medicine</i> , 2018, 24, 271-281.	15.2	82
16	A mouse model for medulloblastoma and basal cell nevus syndrome. , 2001, 53, 307-318.		80
17	A rational nomenclature for vertebrate homeobox (HOX) genes. <i>Nucleic Acids Research</i> , 1993, 21, 1687-1688.	6.5	78
18	AMP-Activated Protein Kinase Directly Phosphorylates and Destabilizes Hedgehog Pathway Transcription Factor GLI1 in Medulloblastoma. <i>Cell Reports</i> , 2015, 12, 599-609.	2.9	73

#	ARTICLE	IF	CITATIONS
19	Developmental phosphoproteomics identifies the kinase CK2 as a driver of Hedgehog signaling and a therapeutic target in medulloblastoma. <i>Science Signaling</i> , 2018, 11, .	1.6	59
20	Phosphodiesterase 4D acts downstream of Neuropilin to control Hedgehog signal transduction and the growth of medulloblastoma. <i>ELife</i> , 2015, 4, .	2.8	37
21	The Eya1 Phosphatase Promotes Shh Signaling during Hindbrain Development and Oncogenesis. <i>Developmental Cell</i> , 2015, 33, 22-35.	3.1	35
22	Multiple Surface Regions on the Niemann-Pick C2 Protein Facilitate Intracellular Cholesterol Transport. <i>Journal of Biological Chemistry</i> , 2015, 290, 27321-27331.	1.6	34
23	Wing tips: The wing disc as a platform for studying Hedgehog signaling. <i>Methods</i> , 2014, 68, 199-206.	1.9	29
24	Hoxgenes, Arms and the Man. <i>Nature Genetics</i> , 1997, 15, 117-118.	9.4	28
25	A Rapid and Simple Method for DNA Engineering Using Cycled Ligation Assembly. <i>PLoS ONE</i> , 2014, 9, e107329.	1.1	20
26	Common Regulatory Targets of NFIA, NFIX and NFIB during Postnatal Cerebellar Development. <i>Cerebellum</i> , 2020, 19, 89-101.	1.4	16
27	Granule neuron precursor cell proliferation is regulated by NFIX and intersectin 1 during postnatal cerebellar development. <i>Brain Structure and Function</i> , 2019, 224, 811-827.	1.2	10
28	Hox proteins reach out round DNA. <i>Nature</i> , 1999, 397, 649-651.	13.7	8
29	Developmental genomics of the most dangerous animal. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 11865-11866.	3.3	3
30	Evidence that haploinsufficiency of Ptch leads to medulloblastoma in mice. , 2000, 28, 77.		2
31	Edward B. Lewis (1918â€“2004). <i>Nature</i> , 2004, 431, 143-143.	13.7	1
32	A Mouse Model for Medulloblastoma and Basal Cell Nevus Syndrome. , 2001, 53, 307.		1
33	Signalling and endocytosis: Wnt breaks down on back roads. <i>Nature Cell Biology</i> , 2001, 3, E185-E186.	4.6	0
34	Micro-optical Characterization of Fluidic Self-assembly of Drosophila Embryos through Surface Tension: Principle, Simulation and Experiments. <i>Optical Review</i> , 2005, 12, 352-357.	1.2	0
35	Homeodomains, Hedgehogs, and Happiness. <i>Current Topics in Developmental Biology</i> , 2016, 117, 331-337.	1.0	0