

Helen Morrison

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

2,440
citations

257450

24
h-index

206112

48
g-index

55
all docs

55
docs citations

55
times ranked

3062
citing authors

#	ARTICLE	IF	CITATIONS
1	The NF2 tumor suppressor gene product, merlin, mediates contact inhibition of growth through interactions with CD44. <i>Genes and Development</i> , 2001, 15, 968-980.	5.9	468
2	Merlin/Neurofibromatosis Type 2 Suppresses Growth by Inhibiting the Activation of Ras and Rac. <i>Cancer Research</i> , 2007, 67, 520-527.	0.9	194
3	Tumorigenic transformation by CPI-17 through inhibition of a merlin phosphatase. <i>Nature</i> , 2006, 442, 576-579.	27.8	176
4	Hepatocyte Growth Factor-induced Ras Activation Requires ERM Proteins Linked to Both CD44v6 and F-Actin. <i>Molecular Biology of the Cell</i> , 2007, 18, 76-83.	2.1	172
5	CD44 Acts Both as a Growth- and Invasiveness-Promoting Molecule and as a Tumor-Suppressing Cofactor. <i>Annals of the New York Academy of Sciences</i> , 2000, 910, 106-120.	3.8	141
6	Merlin controls the repair capacity of Schwann cells after injury by regulating Hippo/YAP activity. <i>Journal of Cell Biology</i> , 2017, 216, 495-510.	5.2	88
7	Inflammaging impairs peripheral nerve maintenance and regeneration. <i>Aging Cell</i> , 2018, 17, e12833.	6.7	88
8	Listeria monocytogenes exploits ERM protein functions to efficiently spread from cell to cell. <i>EMBO Journal</i> , 2005, 24, 1287-1300.	7.8	80
9	The importance of nerve microenvironment for schwannoma development. <i>Acta Neuropathologica</i> , 2016, 132, 289-307.	7.7	62
10	Heat Shock Factor 1 Epigenetically Stimulates Glutaminase-1-Dependent mTOR Activation to Promote Colorectal Carcinogenesis. <i>Molecular Therapy</i> , 2018, 26, 1828-1839.	8.2	61
11	Neurofibromatosis 2 (NF2) tumor suppressor schwannomin and its interacting protein HRS regulate STAT signaling. <i>Human Molecular Genetics</i> , 2002, 11, 3179-3189.	2.9	57
12	Pathomechanisms in schwannoma development and progression. <i>Oncogene</i> , 2020, 39, 5421-5429.	5.9	53
13	Merlin isoform 2 in neurofibromatosis type 2-associated polyneuropathy. <i>Nature Neuroscience</i> , 2013, 16, 426-433.	14.8	51
14	A microRNA contribution to aberrant Ras activation in gastric cancer. <i>American Journal of Translational Research (discontinued)</i> , 2011, 3, 209-18.	0.0	50
15	Inside-out Regulation of Ectodomain Cleavage of Cluster-of-Differentiation-44 (CD44) and of Neuregulin-1 Requires Substrate Dimerization. <i>Journal of Biological Chemistry</i> , 2015, 290, 17041-17054.	3.4	39
16	The NF2 tumor suppressor merlin interacts with Ras and RasGAP, which may modulate Ras signaling. <i>Oncogene</i> , 2019, 38, 6370-6381.	5.9	36
17	Metabolic enzyme PDK3 forms a positive feedback loop with transcription factor HSF1 to drive chemoresistance. <i>Theranostics</i> , 2019, 9, 2999-3013.	10.0	35
18	>In Vivo Electrophysiological Measurements on Mouse Sciatic Nerves. <i>Journal of Visualized Experiments</i> , 2014, , .	0.3	33

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19	Tumor Suppressor NF2 Blocks Cellular Migration by Inhibiting Ectodomain Cleavage of CD44. <i>Molecular Cancer Research</i> , 2015, 13, 879-890.	3.4	33
20	Neuronal merlin influences ERBB2 receptor expression on Schwann cells through neuregulin 1 type III signalling. <i>Brain</i> , 2014, 137, 420-432.	7.6	30
21	Properties of an Ezrin Mutant Defective in F-actin Binding. <i>Journal of Molecular Biology</i> , 2009, 385, 1015-1031.	4.2	29
22	Merlin Inhibits Neurite Outgrowth in the CNS. <i>Journal of Neuroscience</i> , 2010, 30, 10177-10186.	3.6	27
23	Preclinical assessment of MEK1/2 inhibitors for neurofibromatosis type 2-associated schwannomas reveals differences in efficacy and drug resistance development. <i>Neuro-Oncology</i> , 2019, 21, 486-497.	1.2	27
24	CPI-17 drives oncogenic Ras signaling in human melanomas via Ezrin-Radixin-Moesin family proteins. <i>Oncotarget</i> , 2016, 7, 78242-78254.	1.8	27
25	A neuronal function of the tumor suppressor protein merlin. <i>Acta Neuropathologica Communications</i> , 2014, 2, 82.	5.2	26
26	Multifocal nerve lesions and <i>LZTR1</i> germline mutations in segmental schwannomatosis. <i>Annals of Neurology</i> , 2016, 80, 625-628.	5.3	25
27	Neuropathies in the setting of Neurofibromatosis tumor syndromes: Complexities and opportunities. <i>Experimental Neurology</i> , 2018, 299, 334-344.	4.1	22
28	The role of exosomes in intercellular and inter-organ communication of the peripheral nervous system. <i>FEBS Letters</i> , 2022, 596, 655-664.	2.8	21
29	Regulation of Son of sevenless by the membrane-actin linker protein ezrin. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 20587-20592.	7.1	20
30	Vitamin A regulates Akt signaling through the phospholipid fatty acid composition. <i>FASEB Journal</i> , 2017, 31, 4458-4471.	0.5	20
31	Brigatinib causes tumor shrinkage in both NF2-deficient meningioma and schwannoma through inhibition of multiple tyrosine kinases but not ALK. <i>PLoS ONE</i> , 2021, 16, e0252048.	2.5	19
32	Inhibition of RAS Activation Due to a Homozygous Ezrin Variant in Patients with Profound Intellectual Disability. <i>Human Mutation</i> , 2015, 36, 270-278.	2.5	18
33	Update from the 2013 international neurofibromatosis conference. <i>American Journal of Medical Genetics, Part A</i> , 2014, 164, 2969-2978.	1.2	17
34	Traditional and systems biology based drug discovery for the rare tumor syndrome neurofibromatosis type 2. <i>PLoS ONE</i> , 2018, 13, e0197350.	2.5	17
35	The stress-responsive gene <i>GDPGP1/mcp-1</i> regulates neuronal glycogen metabolism and survival. <i>Journal of Cell Biology</i> , 2020, 219, .	5.2	11
36	Developmental stage-dependent regulation of spine formation by calcium-calmodulin-dependent protein kinase II \pm and Rap1. <i>Scientific Reports</i> , 2017, 7, 13409.	3.3	10

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37	Merlin Isoforms 1 and 2 Both Act as Tumour Suppressors and Are Required for Optimal Sperm Maturation. PLoS ONE, 2015, 10, e0129151.	2.5	10
38	Neuron-Specific Deletion of the Nf2 Tumor Suppressor Impairs Functional Nerve Regeneration. PLoS ONE, 2016, 11, e0159718.	2.5	8
39	Construction of cloning-friendly minigenes for mammalian expression of full-length human NF1 isoforms. Human Mutation, 2019, 40, 187-192.	2.5	8
40	Merlin cooperates with neurofibromin and Spred1 to suppress the Ras-ERK pathway. Human Molecular Genetics, 2021, 29, 3793-3806.	2.9	7
41	Deficiency of the protein-tyrosine phosphatase DEP-1/PTPRJ promotes matrix metalloproteinase-9 expression in meningioma cells. Journal of Neuro-Oncology, 2015, 122, 451-459.	2.9	5
42	Novel mechanism of JNK pathway activation by adenoviral E1A. Oncotarget, 2014, 5, 2176-2186.	1.8	5
43	C-Fiber Loss as a Possible Cause of Neuropathic Pain in Schwannomatosis. International Journal of Molecular Sciences, 2020, 21, 3569.	4.1	5
44	Neurofibromatosis type 2 tumor suppressor protein is expressed in oligodendrocytes and regulates cell proliferation and process formation. PLoS ONE, 2018, 13, e0196726.	2.5	3
45	Cluster of differentiation 44 promotes osteosarcoma progression in mice lacking the tumor suppressor Merlin. International Journal of Cancer, 2020, 147, 2564-2577.	5.1	3
46	Merlin's wizardry guides cohesive migration. Nature Cell Biology, 2015, 17, 212-213.	10.3	1
47	The peripheral nervous system in hematopoietic stem cell aging. Mechanisms of Ageing and Development, 2020, 191, 111329.	4.6	1
48	Neurofibromatosis type 2 and multiple sclerosis. Multiple Sclerosis and Related Disorders, 2020, 39, 101890.	2.0	0
49	Abstract 1577: Inside-out regulation of ectodomain protease accessibility in the release of cytokines. , 2014, , .		0
50	Disruption of amphetamine sensitization by alteration of dendritic thin spines in the nucleus accumbens core. Journal of Neurochemistry, 2022, , .	3.9	0