

Samuel D Crish

List of Publications by Year in descending order

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Version: 2024-02-01

57
papers

2,627
citations

257101

24
h-index

223531

46
g-index

59
all docs

59
docs citations

59
times ranked

2851
citing authors

#	ARTICLE	IF	CITATIONS
1	The Microbead Occlusion Model: A Paradigm for Induced Ocular Hypertension in Rats and Mice. , 2010, 51, 207.		316
2	Distal axonopathy with structural persistence in glaucomatous neurodegeneration. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 5196-5201.	3.3	311
3	TREM2 deficiency exacerbates tau pathology through dysregulated kinase signaling in a mouse model of tauopathy. Molecular Neurodegeneration, 2017, 12, 74.	4.4	208
4	Functional abdominal pain in childhood and adolescence increases risk for chronic pain in adulthood. Pain, 2010, 150, 568-572.	2.0	205
5	Early Reduction of Microglia Activation by Irradiation in a Model of Chronic Glaucoma. PLoS ONE, 2012, 7, e43602.	1.1	120
6	Brimonidine prevents axonal and somatic degeneration of retinal ganglion cell neurons. Molecular Neurodegeneration, 2011, 6, 4.	4.4	90
7	Early astrocyte redistribution in the optic nerve precedes axonopathy in the DBA/2J mouse model of glaucoma. Experimental Eye Research, 2016, 150, 22-33.	1.2	74
8	Somatosensory Organization and Behavior in Naked Mole-Rats I: Vibrissa-Like Body Hairs Comprise a Sensory Array That Mediates Orientation to Tactile Stimuli. Brain, Behavior and Evolution, 2003, 62, 141-151.	0.9	69
9	Structural and Functional Rescue of Chronic Metabolically Stressed Optic Nerves through Respiration. Journal of Neuroscience, 2018, 38, 5122-5139.	1.7	69
10	Central visual system of the naked mole-rat (<i>Heterocephalus glaber</i>). The Anatomical Record Part A: Discoveries in Molecular, Cellular, and Evolutionary Biology, 2006, 288A, 205-212.	2.0	67
11	Proximal inhibition of p38 MAPK stress signaling prevents distal axonopathy. Neurobiology of Disease, 2013, 59, 26-37.	2.1	65
12	Anterograde transport blockade precedes deficits in retrograde transport in the visual projection of the DBA/2J mouse model of glaucoma. Frontiers in Neuroscience, 2014, 8, 290.	1.4	65
13	Early pro-inflammatory cytokine elevations in the DBA/2J mouse model of glaucoma. Journal of Neuroinflammation, 2015, 12, 176.	3.1	63
14	The naked truth: a comprehensive clarification and classification of current "myths"™ in naked mole-rat biology. Biological Reviews, 2022, 97, 115-140.	4.7	62
15	MitoNEET (CISD1) Knockout Mice Show Signs of Striatal Mitochondrial Dysfunction and a Parkinson's™ Disease Phenotype. ACS Chemical Neuroscience, 2017, 8, 2759-2765.	1.7	56
16	Somatic Complaints in Childhood Functional Abdominal Pain Are Associated With Functional Gastrointestinal Disorders in Adolescence and Adulthood. Journal of Pediatric Gastroenterology and Nutrition, 2011, 52, 162-165.	0.9	53
17	Phenotypic plasticity in female naked mole-rats after removal from reproductive suppression. Journal of Experimental Biology, 2007, 210, 4351-4358.	0.8	48
18	Growing out of a caste - reproduction and the making of the queen mole-rat. Journal of Experimental Biology, 2007, 210, 261-268.	0.8	41

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19	Early Evidence of Low Bone Density and Decreased Serotonergic Synthesis in the Dorsal Raphe of a Tauopathy Model of Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2016, 55, 1605-1619.	1.2	41
20	Sensory Hairs in the Bowhead Whale, <i>alaena mysticetus</i> (Cetacea, Mammalia). <i>Anatomical Record</i> , 2015, 298, 1327-1335.	0.8	39
21	Dynamic processing of taste aversion extinction in the brain. <i>Brain Research</i> , 2004, 1016, 79-89.	1.1	38
22	Decreased Energy Capacity and Increased Autophagic Activity in Optic Nerve Axons With Defective Anterograde Transport. , 2015, 56, 8215.		37
23	Increased wind-up to heat pain in women with a childhood history of functional abdominal pain. <i>Pain</i> , 2011, 152, 802-808.	2.0	36
24	Evidence of Wnt/ β -catenin alterations in brain and bone of a tauopathy mouse model of Alzheimer's disease. <i>Neurobiology of Aging</i> , 2018, 67, 148-158.	1.5	36
25	Hypoalgesia related to elevated resting blood pressure is absent in adolescents and young adults with a history of functional abdominal pain. <i>Pain</i> , 2010, 149, 57-63.	2.0	33
26	Early Cytoskeletal Protein Modifications Precede Overt Structural Degeneration in the DBA/2J Mouse Model of Glaucoma. <i>Frontiers in Neuroscience</i> , 2016, 10, 494.	1.4	33
27	Central Visual Pathways in Glaucoma. <i>Journal of Neuro-Ophthalmology</i> , 2015, 35, S29-S37.	0.4	26
28	Mechanistic complexities of bone loss in Alzheimer's disease: a review. <i>Connective Tissue Research</i> , 2020, 61, 4-18.	1.1	22
29	Somatosensation in the superior colliculus of the star-nosed mole. <i>Journal of Comparative Neurology</i> , 2003, 464, 415-425.	0.9	21
30	Persistence of intact retinal ganglion cell terminals after axonal transport loss in the DBA/2J mouse model of glaucoma. <i>Journal of Comparative Neurology</i> , 2016, 524, 3503-3517.	0.9	20
31	Detection of novelty by perinatal rats. <i>Physiology and Behavior</i> , 2000, 70, 217-225.	1.0	19
32	Population coding strategies and involvement of the superior colliculus in the tactile orienting behavior of naked mole-rats. <i>Neuroscience</i> , 2006, 139, 1461-1466.	1.1	18
33	Organization of the somatosensory cortex in elephant shrews (<i>E. edwardii</i>). <i>The Anatomical Record Part A: Discoveries in Molecular, Cellular, and Evolutionary Biology</i> , 2006, 288A, 859-866.	2.0	18
34	Cessation of Reproduction-Related Spine Elongation After Multiple Breeding Cycles in Female Naked Mole-Rats. <i>Anatomical Record</i> , 2009, 292, 131-137.	0.8	18
35	Effects of excitotoxic lesions of the gustatory thalamus on latent inhibition and blocking of conditioned taste aversion in rats. <i>Brain Research Bulletin</i> , 2003, 62, 117-128.	1.4	17
36	Nodes of Ranvier in Glaucoma. <i>Neuroscience</i> , 2018, 390, 104-118.	1.1	17

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37	Paradoxical effects of ketamine on the memory of fetuses of different ages. <i>Developmental Brain Research</i> , 2001, 127, 71-76.	2.1	16
38	Abnormal metal levels in the primary visual pathway of the DBA/2J mouse model of glaucoma. <i>BioMetals</i> , 2014, 27, 1291-1301.	1.8	16
39	Assessment of alkoxyphenacyl-based polycarbonates as a potential platform for controlled delivery of a model anti-glaucoma drug. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2016, 107, 56-66.	2.0	14
40	Injury-induced gp130 cytokine signaling in peripheral ganglia is reduced in diabetes mellitus. <i>Experimental Neurology</i> , 2017, 296, 1-15.	2.0	13
41	Long bone histomorphogenesis of the naked mole-rat: Histodiversity and intraspecific variation. <i>Journal of Anatomy</i> , 2021, 238, 1259-1283.	0.9	13
42	Shared mechanisms: osteoporosis and Alzheimer's disease?. <i>Aging</i> , 2019, 11, 1317-1318.	1.4	12
43	Bone remodeling in the longest living rodent, the naked mole-rat: Interelement variation and the effects of reproduction. <i>Journal of Anatomy</i> , 2021, 239, 81-100.	0.9	11
44	Irisin treatment lowers levels of phosphorylated tau in the hippocampus of pre-symptomatic female but not male htau mice. <i>Neuropathology and Applied Neurobiology</i> , 2021, 47, 967-978.	1.8	10
45	Prevalence and Predictors of Metformin Prescribing in Adults with Type 2 Diabetes Mellitus: A National Cross-Sectional Study. <i>Pharmacotherapy</i> , 2016, 36, 715-722.	1.2	8
46	Underdeveloped Extraocular Muscles in the Naked Mole-Rat (<i>Heterocephalus glaber</i>). <i>Anatomical Record</i> , 2010, 293, 918-923.	0.8	7
47	Anterograde Tract Tracing for Assaying Axonopathy and Transport Deficits in Glaucoma. <i>Methods in Molecular Biology</i> , 2018, 1695, 171-185.	0.4	7
48	Repeated exposures to gustatory stimuli produce habituation or positive contrast effects in perinatal rats. <i>Developmental Psychobiology</i> , 2004, 44, 176-188.	0.9	6
49	Editorial: Axonopathy in Neurodegenerative Disease. <i>Frontiers in Neuroscience</i> , 2018, 12, 769.	1.4	6
50	Detection of single mRNAs in individual cells of the auditory system. <i>Hearing Research</i> , 2018, 367, 88-96.	0.9	6
51	A comparative analysis of cone photoreceptor morphology in bowhead and beluga whales. <i>Journal of Comparative Neurology</i> , 2021, 529, 2376-2390.	0.9	3
52	Alterations in Retinal Signaling Across Age and Sex in 3xTg Alzheimer's Disease Mice. <i>Journal of Alzheimer's Disease</i> , 2022, 88, 471-492.	1.2	3
53	Development and validation of an LC-MS/MS method for determination of the L-type voltage-gated calcium channel/NMDA receptor antagonist NGP1-01 in mouse serum. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2014, 963, 83-89.	1.2	2
54	Tactile Sensing in the Naked Mole Rat. , 2016, , 95-101.		1

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55	Tactile sensing in the naked mole rat. Scholarpedia Journal, 2015, 10, 7164.	0.3	1
56	735 Non-Gastrointestinal Symptoms in Children With Functional Abdominal Pain are Risk Factors for Persistence of Functional GI Disorders. Gastroenterology, 2010, 138, S-100.	0.6	0
57	ADME and Ocular Therapeutics: Retina. Methods in Pharmacology and Toxicology, 2013, , 81-89.	0.1	0