

Gal Haspel

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

1,062
citations

471509

17
h-index

552781

26
g-index

41
all docs

41
docs citations

41
times ranked

1430
citing authors

#	ARTICLE	IF	CITATIONS
1	<sc>TOR</sc>-mediated regulation of metabolism in aging. Aging Cell, 2017, 16, 1219-1233.	6.7	98
2	Neurobiology of <i>Caenorhabditis elegans</i> Locomotion: Where Do We Stand?. BioScience, 2014, 64, 476-486.	4.9	96
3	Direct activation of the Mauthner cell by electric field pulses drives ultrarapid escape responses. Journal of Neurophysiology, 2014, 112, 834-844.	1.8	88
4	Motoneurons Dedicated to Either Forward or Backward Locomotion in the Nematode <i>Caenorhabditis elegans</i> . Journal of Neuroscience, 2010, 30, 11151-11156.	3.6	70
5	Venom of a parasitoid wasp induces prolonged grooming in the cockroach. Journal of Experimental Biology, 1999, 202, 957-964.	1.7	69
6	Ablation of Rat TRPV1-Expressing Adelta/C-Fibers with Resiniferatoxin: Analysis of Withdrawal Behaviors, Recovery of Function and Molecular Correlates. Molecular Pain, 2010, 6, 1744-8069-6-94.	2.1	67
7	Direct injection of venom by a predatory wasp into cockroach brain. Journal of Neurobiology, 2003, 56, 287-292.	3.6	61
8	<i>C. elegans</i> G Protein Regulator RGS-3 Controls Sensitivity to Sensory Stimuli. Neuron, 2007, 53, 39-52.	8.1	59
9	Expansion microscopy of <i>C. elegans</i> . ELife, 2020, 9, .	6.0	59
10	A Perimotor Framework Reveals Functional Segmentation in the Motoneuronal Network Controlling Locomotion in <i>Caenorhabditis elegans</i> . Journal of Neuroscience, 2011, 31, 14611-14623.	3.6	42
11	Parasitoid wasp sting: A cocktail of GABA, taurine, and β -alanine opens chloride channels for central synaptic block and transient paralysis of a cockroach host. Journal of Neurobiology, 2006, 66, 811-820.	3.6	39
12	A New Mechanism of Sediment Attachment to Oil in Turbulent Flows: Projectile Particles. Environmental Science & Technology, 2017, 51, 11020-11028.	10.0	35
13	Wasp venom blocks central cholinergic synapses to induce transient paralysis in cockroach prey. Journal of Neurobiology, 2003, 54, 628-637.	3.6	29
14	Sensory Arsenal on the Stinger of the Parasitoid Jewel Wasp and Its Possible Role in Identifying Cockroach Brains. PLoS ONE, 2014, 9, e89683.	2.5	26
15	Identification of a novel spinal nociceptive-motor gate control for α pain stimuli in rats. ELife, 2017, 6, .	6.0	26
16	Parasitoid wasp affects metabolism of cockroach host to favor food preservation for its offspring. Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology, 2005, 191, 529-534.	1.6	24
17	Localization of the site of effect of a wasp's venom in the cockroach escape circuitry. Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology, 1999, 184, 333-345.	1.6	23
18	A low power flexible dielectric barrier discharge disinfects surfaces and improves the action of hydrogen peroxide. Scientific Reports, 2021, 11, 4626.	3.3	19

#	ARTICLE	IF	CITATIONS
19	By the teeth of their skin, cavefish find their way. <i>Current Biology</i> , 2012, 22, R629-R630.	3.9	17
20	Ytterbium-doped fibre femtosecond laser offers robust operation with deep and precise microsurgery of <i>C. elegans</i> neurons. <i>Scientific Reports</i> , 2020, 10, 4545.	3.3	15
21	Resilience of neural networks for locomotion. <i>Journal of Physiology</i> , 2021, 599, 3825-3840.	2.9	15
22	A connectivity model for the locomotor network of <i>Caenorhabditis elegans</i> . <i>Worm</i> , 2012, 1, 125-128.	1.0	11
23	Elegantly. , 2020, , 3-29.		7
24	Evolutionary and homeostatic changes in morphology of visual dendrites of Mauthner cells in <i>Astyanax</i> blind cavefish. <i>Journal of Comparative Neurology</i> , 2021, 529, 1779-1786.	1.6	6
25	Morphological malleability of the lateral line allows for surface fish (<i>Astyanax mexicanus</i>) adaptation to cave environments. <i>Journal of Experimental Zoology Part B: Molecular and Developmental Evolution</i> , 2020, 334, 511-517.	1.3	5
26	Inhibition Underlies Fast Undulatory Locomotion in <i>Caenorhabditis elegans</i> . <i>ENeuro</i> , 2021, 8, ENEURO.0241-20.2020.	1.9	5
27	Channel-forming activity in the venom of the cockroach-hunting wasp, <i>Ampulex compressa</i> . <i>Toxicon</i> , 2004, 43, 721-727.	1.6	4
28	Neuronal Microsurgery with an Yb-Doped Fiber Femtosecond Laser. <i>Methods in Molecular Biology</i> , 2022, 2468, 319-328.	0.9	1
29	Wasp manipulates cockroach behavior by injecting Venom Cocktail Into Prey Central Nervous System. <i>Acta Biologica Hungarica</i> , 2004, 55, 103-112.	0.7	0
30	A Gateway Book to Neurobiology. <i>BioScience</i> , 2016, 66, 520-521.	4.9	0