Gal Haspel

List of Publications by Year
in descending order

30	1,062	471477	552766
papers	citations	17 h-index	26 g-index

41	41	41	1430
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	<scp>TOR</scp>â€mediated regulation of metabolism in aging. Aging Cell, 2017, 16, 1219-1233.	6.7	98
2	Neurobiology of Caenorhabditis elegans 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 NematodeCaenorhabditis elegans. 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	C. elegans G Protein Regulator RGS-3 Controls Sensitivity to Sensory Stimuli. Neuron, 2007, 53, 39-52.	8.1	59
9	Expansion microscopy of C. elegans. ELife, 2020, 9, .	6.0	59
10	A Perimotor Framework Reveals Functional Segmentation in the Motoneuronal Network Controlling Locomotion inCaenorhabditis elegans. Journal of Neuroscience, 2011, 31, 14611-14623.	3.6	42
11	Parasitoid wasp sting: A cocktail of GABA, taurine, and Î²-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 Aî´ 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. Current Biology, 2012, 22, R629-R630.	3.9	17
20	Ytterbium-doped fibre femtosecond laser offers robust operation with deep and precise microsurgery of C. elegans neurons. Scientific Reports, 2020, 10, 4545.	3.3	15
21	Resilience of neural networks for locomotion. Journal of Physiology, 2021, 599, 3825-3840.	2.9	15
22	A connectivity model for the locomotor network of Caenorhabditis elegans. Worm, 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 <scp>Astyanax</scp> blind cavefish. Journal of Comparative Neurology, 2021, 529, 1779-1786.	1.6	6
25	Morphological malleability of the lateral line allows for surface fish (Astyanax mexicanus) adaptation to cave environments. Journal of Experimental Zoology Part B: Molecular and Developmental Evolution, 2020, 334, 511-517.	1.3	5
26	Inhibition Underlies Fast Undulatory Locomotion inCaenorhabditis elegans. ENeuro, 2021, 8, ENEURO.0241-20.2020.	1.9	5
27	Channel-forming activity in the venom of the cockroach-hunting wasp, Ampulex compressa. Toxicon, 2004, 43, 721-727.	1.6	4
28	Neuronal Microsurgery with an Yb-Doped Fiber Femtosecond Laser. Methods in Molecular Biology, 2022, 2468, 319-328.	0.9	1
29	Wasp manipulates cockroach behavior by injecting Venom Cocktail Into Prey Central Nervous System. Acta Biologica Hungarica, 2004, 55, 103-112.	0.7	0
30	A Gateway Book to Neurobiology. BioScience, 2016, 66, 520-521.	4.9	0