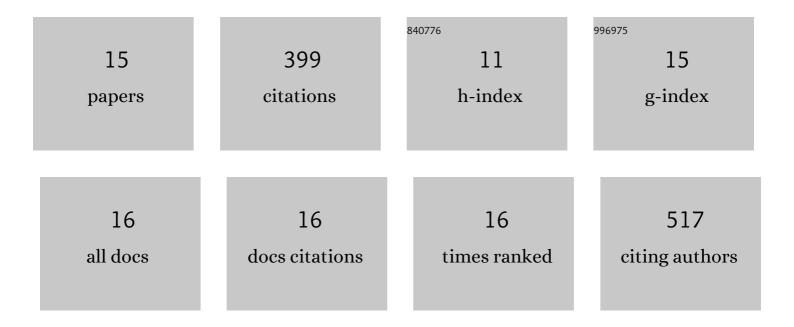
## David Biron

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Serotonin-dependent kinetics of feeding bursts underlie a graded response to food availability in C. elegans. Nature Communications, 2017, 8, 14221.	12.8	65
2	Sleep and Development in Genetically Tractable Model Organisms. Genetics, 2016, 203, 21-33.	2.9	64
3	Measurements of behavioral quiescence in Caenorhabditis elegans. Methods, 2014, 68, 500-507.	3.8	43
4	Serotonin promotes exploitation in complex environments by accelerating decision-making. BMC Biology, 2016, 14, 9.	3.8	42
5	A scalable method for automatically measuring pharyngeal pumping in C. elegans. Journal of Neuroscience Methods, 2016, 274, 172-178.	2.5	31
6	The Caenorhabditis elegans interneuron ALA is (also) a high-threshold mechanosensor. BMC Neuroscience, 2013, 14, 156.	1.9	30
7	Why Do Sleeping Nematodes Adopt a Hockey-Stick-Like Posture?. PLoS ONE, 2014, 9, e101162.	2.5	22
8	Normal sleep bouts are not essential for C. elegans survival and FoxO is important for compensatory changes in sleep. BMC Neuroscience, 2018, 19, 10.	1.9	21
9	A Generative Statistical Algorithm for Automatic Detection of Complex Postures. PLoS Computational Biology, 2015, 11, e1004517.	3.2	21
10	Caenorhabditis elegans exhibit a coupling between the defecation motor program and directed locomotion. Scientific Reports, 2015, 5, 17174.	3.3	20
11	Distinct unfolded protein responses mitigate or mediate effects of nonlethal deprivation of C. elegans sleep in different tissues. BMC Biology, 2017, 15, 67.	3.8	20
12	Stochastic feeding dynamics arise from the need for information and energy. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 9261-9266.	7.1	15
13	C. elegansand mutants with chronic nicotine exposure as a novel model of cancer phenotype. Cancer Biology and Therapy, 2016, 17, 91-103.	3.4	3
14	A Primer on Prototyping. Methods in Molecular Biology, 2015, 1327, 231-240.	0.9	1
15	The importance of waiting. ELife, 2014, 3, e03754.	6.0	1