Michael G Paulin

List of Publications by Year
in descending order

21 papers	605 citations	933447 10 h-index	839539 18 g-index
23 all docs	23 docs citations	23 times ranked	492 citing authors

#	Article	IF	Citations
1	Effect of electrode characteristics on electromyographic activity of the masseter muscle. Journal of Electromyography and Kinesiology, 2021, 56, 102492.	1.7	5
2	Events in Early Nervous System Evolution. Topics in Cognitive Science, 2021, 13, 25-44.	1.9	12
3	Associations among masticatory muscle activity, physical activity and self-reported oral behaviours in adult women. Clinical Oral Investigations, 2021, 25, 5049-5059.	3.0	3
4	Translations of Steinhausen's Publications Provide Insight Into Their Contributions to Peripheral Vestibular Neuroscience. Frontiers in Neurology, 2021, 12, 676723.	2.4	5
5	Peripheral Innervation Patterns and Discharge Properties of Vestibular Afferents in Amniotes and Anamniotes. , 2020, , 228-255.		0
6	Models of vestibular semicircular canal afferent neuron firing activity. Journal of Neurophysiology, 2019, 122, 2548-2567.	1.8	14
7	Smartphone-assisted monitoring of masticatory muscle activity in freely moving individuals. Clinical Oral Investigations, 2019, 23, 3601-3611.	3.0	28
8	Ecological constraints on the origin of neurones. Journal of Mathematical Biology, 2015, 71, 1299-1324.	1.9	9
9	Bayesian head state prediction: Computing the dynamic prior with spiking neurons. , 2011, , .		6
10	Evolutionary origins and principles of distributed neural computation for state estimation and movement control in vertebrates. Complexity, 2005, 10, 56-65.	1.6	9
11	Dynamics and the Single Spike. IEEE Transactions on Neural Networks, 2004, 15, 987-994.	4.2	18
12	Optimal firing rate estimation. Neural Networks, 2001, 14, 877-881.	5.9	26
13	A model of cerebellar computations for dynamical state estimation. Autonomous Robots, 2001, 11, 279-284.	4.8	12
14	State-space receptive fields of semicircular canal afferent neurons in the bullfrog. Neurocomputing, 2001, 38-40, 293-298.	5.9	12
15	Modelling the firing pattern of bullfrog vestibular neurons responding to naturalistic stimuli. Neurocomputing, 1999, 26-27, 223-228.	5.9	11
16	A method for analysing neural computation using receptive fields in state space. Neural Networks, 1998, 11, 1219-1228.	5.9	7
17	The propagation of errors in sequences of cerebellar theories. Behavioral and Brain Sciences, 1997, 20, 261-262.	0.7	0
18	Cerebellar theory out of control. Behavioral and Brain Sciences, 1996, 19, 470-471.	0.7	25

#	Article	IF	Citations
19	The Role of the Cerebellum in Motor Control and Perception. Brain, Behavior and Evolution, 1993, 41, 39-50.	1.7	305
20	Digital filters for firing rate estimation. Biological Cybernetics, 1992, 66, 525-531.	1.3	49
21	A Kalman Filter Theory of the Cerebellum. Research Notes in Neural Computing, 1989, , 239-259.	0.1	48