Roger Hs Carpenter

List of Publications by Year
in descending order

33 papers	1,163 citations	430754 18 h-index	454834 30 g-index
37 all docs	37 docs citations	37 times ranked	1043 citing authors

#	Article	IF	Citations
1	Not moving: the fundamental but neglected motor function. Philosophical Transactions of the Royal Society B: Biological Sciences, 2017, 372, 20160190.	1.8	25
2	Movement suppression: brain mechanisms for stopping and stillness. Philosophical Transactions of the Royal Society B: Biological Sciences, 2017, 372, 20160542.	1.8	6
3	The LATER model of reaction time and decision. Neuroscience and Biobehavioral Reviews, 2016, 64, 229-251.	2.9	117
4	Ultrafast initiation of a neural race by impending errors. Journal of Physiology, 2015, 593, 4471-4484.	1.3	7
5	Using saccades to diagnose covert hepatic encephalopathy. Metabolic Brain Disease, 2015, 30, 821-828.	1.4	4
6	Saccadic foraging: reduced reaction time to informative targets. European Journal of Neuroscience, 2015, 41, 908-913.	1.2	5
7	Implicit and Explicit Timing in Oculomotor Control. PLoS ONE, 2014, 9, e93958.	1.1	24
8	Reâ€starting a neural race: antiâ€saccade correction. European Journal of Neuroscience, 2014, 39, 159-164.	1.2	23
9	Temporal Order Assessment in Patients with Bipolar Disorder. Procedia, Social and Behavioral Sciences, 2014, 126, 216.	0.5	0
10	Effects of 24h working on-call on psychoneuroendocrine and oculomotor function: A randomized cross-over trial. Psychoneuroendocrinology, 2014, 47, 221-231.	1.3	22
11	Antisaccades as decisions: LATER model predicts latency distributions and error responses. European Journal of Neuroscience, 2013, 37, 330-338.	1.2	60
12	Deep brain stimulation of the subthalamic nucleus in Parkinsonâ€™s disease. NeuroReport, 2012, 23, 179-183.	0.6	14
13	What Sherrington missed: the ubiquity of the neural integrator. Annals of the New York Academy of Sciences, 2011, 1233, 208-213.	1.8	7
14	Predicting the timing of wrong decisions with LATER. Experimental Brain Research, 2011, 209, 587-598.	0.7	24
15	Saccadic latency in Parkinson's disease correlates with executive function and brain atrophy, but not motor severity. Neurobiology of Disease, 2011, 43, 79-85.	2.1	52
16	Dual LATER-unit model predicts saccadic reaction time distributions in gap, step and appearance tasks. Experimental Brain Research, 2009, 193, 287-296.	0.7	18
17	A simple twoâ€stage model predicts response time distributions. Journal of Physiology, 2009, 587, 4051-4062.	1.3	64
18	Saccadometry: A novel clinical tool for quantification of the motor effects of subthalamic nucleus stimulation in Parkinson's disease. Experimental Neurology, 2009, 216, 481-489.	2.0	48

#	Article	IF	Citations
19	A single mechanism for the timing of spontaneous and evoked saccades. Experimental Brain Research, 2008, 187, 283-293.	0.7	20
20	Saccadic latency during electrical stimulation of the human subthalamic nucleus. Current Biology, 2008, 18, R412-R414.	1.8	48
21	Beyond the impact factory. Current Biology, 2008, 18, R687.	1.8	0
22	Saccadometry: a new tool for evaluating presymptomatic Huntington patients. NeuroReport, 2007, 18, 1133-1136.	0.6	39
23	Influence of history on saccade countermanding performance in humans and macaque monkeys. Vision Research, 2007, 47, 35-49.	0.7	143
24	LATER predicts saccade latency distributions in reading. Experimental Brain Research, 2007, 177, 176-183.	0.7	30
25	The use of quantitative oculometry in the assessment of Huntingtonâ€™s disease. Experimental Brain Research, 2006, 169, 237-245.	0.7	44
26	Homeostasis: a plea for a unified approach. American Journal of Physiology - Advances in Physiology Education, 2004, 28, 180-187.	0.8	79
27	Supplementary Eye Field: Keeping an Eye on Eye Movement. Current Biology, 2004, 14, R416-R418.	1.8	14
28	Contrast, Probability, and Saccadic Latency. Current Biology, 2004, 14, 1576-1580.	1.8	112
29	The effect of low dose sevoflurane on saccadic eye movement latency. Anaesthesia, 2002, 57, 855-859.	1.8	6
30	Enchanted Looms: Conscious Networks in Brains and Computers. Trends in Neurosciences, 1999, 22, 480-481.	4.2	0
31	Rejoinder to Greenwald's criticisms. Journal of Behavior Therapy and Experimental Psychiatry, 1994, 25, 91.	0.6	1
32	Eye movement desensitization versus image confrontation: A single-session crossover study of 58 phobic subjects. Journal of Behavior Therapy and Experimental Psychiatry, 1992, 23, 269-275.	0.6	96
33	Eye-motion machinery. Physics World, 1989, 2, 41-46.	0.0	3