

Roger Hs Carpenter

List of Publications by Year in descending order

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Version: 2024-02-01

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	Influence of history on saccade countermanding performance in humans and macaque monkeys. <i>Vision Research</i> , 2007, 47, 35-49.	0.7	143
2	The LATER model of reaction time and decision. <i>Neuroscience and Biobehavioral Reviews</i> , 2016, 64, 229-251.	2.9	117
3	Contrast, Probability, and Saccadic Latency. <i>Current Biology</i> , 2004, 14, 1576-1580.	1.8	112
4	Eye movement desensitization versus image confrontation: A single-session crossover study of 58 phobic subjects. <i>Journal of Behavior Therapy and Experimental Psychiatry</i> , 1992, 23, 269-275.	0.6	96
5	Homeostasis: a plea for a unified approach. <i>American Journal of Physiology - Advances in Physiology Education</i> , 2004, 28, 180-187.	0.8	79
6	A simple two-stage model predicts response time distributions. <i>Journal of Physiology</i> , 2009, 587, 4051-4062.	1.3	64
7	Antisaccades as decisions: LATER model predicts latency distributions and error responses. <i>European Journal of Neuroscience</i> , 2013, 37, 330-338.	1.2	60
8	Saccadic latency in Parkinson's disease correlates with executive function and brain atrophy, but not motor severity. <i>Neurobiology of Disease</i> , 2011, 43, 79-85.	2.1	52
9	Saccadic latency during electrical stimulation of the human subthalamic nucleus. <i>Current Biology</i> , 2008, 18, R412-R414.	1.8	48
10	Saccadometry: A novel clinical tool for quantification of the motor effects of subthalamic nucleus stimulation in Parkinson's disease. <i>Experimental Neurology</i> , 2009, 216, 481-489.	2.0	48
11	The use of quantitative oculometry in the assessment of Huntington's disease. <i>Experimental Brain Research</i> , 2006, 169, 237-245.	0.7	44
12	Saccadometry: a new tool for evaluating presymptomatic Huntington patients. <i>NeuroReport</i> , 2007, 18, 1133-1136.	0.6	39
13	LATER predicts saccade latency distributions in reading. <i>Experimental Brain Research</i> , 2007, 177, 176-183.	0.7	30
14	Not moving: the fundamental but neglected motor function. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2017, 372, 20160190.	1.8	25
15	Predicting the timing of wrong decisions with LATER. <i>Experimental Brain Research</i> , 2011, 209, 587-598.	0.7	24
16	Implicit and Explicit Timing in Oculomotor Control. <i>PLoS ONE</i> , 2014, 9, e93958.	1.1	24
17	Re-starting a neural race: anti-saccade correction. <i>European Journal of Neuroscience</i> , 2014, 39, 159-164.	1.2	23
18	Effects of 24h working on-call on psychoneuroendocrine and oculomotor function: A randomized cross-over trial. <i>Psychoneuroendocrinology</i> , 2014, 47, 221-231.	1.3	22

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19	A single mechanism for the timing of spontaneous and evoked saccades. <i>Experimental Brain Research</i> , 2008, 187, 283-293.	0.7	20
20	Dual LATER-unit model predicts saccadic reaction time distributions in gap, step and appearance tasks. <i>Experimental Brain Research</i> , 2009, 193, 287-296.	0.7	18
21	Supplementary Eye Field: Keeping an Eye on Eye Movement. <i>Current Biology</i> , 2004, 14, R416-R418.	1.8	14
22	Deep brain stimulation of the subthalamic nucleus in Parkinson's disease. <i>NeuroReport</i> , 2012, 23, 179-183.	0.6	14
23	What Sherrington missed: the ubiquity of the neural integrator. <i>Annals of the New York Academy of Sciences</i> , 2011, 1233, 208-213.	1.8	7
24	Ultrafast initiation of a neural race by impending errors. <i>Journal of Physiology</i> , 2015, 593, 4471-4484.	1.3	7
25	The effect of low dose sevoflurane on saccadic eye movement latency. <i>Anaesthesia</i> , 2002, 57, 855-859.	1.8	6
26	Movement suppression: brain mechanisms for stopping and stillness. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2017, 372, 20160542.	1.8	6
27	Saccadic foraging: reduced reaction time to informative targets. <i>European Journal of Neuroscience</i> , 2015, 41, 908-913.	1.2	5
28	Using saccades to diagnose covert hepatic encephalopathy. <i>Metabolic Brain Disease</i> , 2015, 30, 821-828.	1.4	4
29	Eye-motion machinery. <i>Physics World</i> , 1989, 2, 41-46.	0.0	3
30	Rejoinder to Greenwald's criticisms. <i>Journal of Behavior Therapy and Experimental Psychiatry</i> , 1994, 25, 91.	0.6	1
31	Enchanted Looms: Conscious Networks in Brains and Computers. <i>Trends in Neurosciences</i> , 1999, 22, 480-481.	4.2	0
32	Beyond the impact factory. <i>Current Biology</i> , 2008, 18, R687.	1.8	0
33	Temporal Order Assessment in Patients with Bipolar Disorder. <i>Procedia, Social and Behavioral Sciences</i> , 2014, 126, 216.	0.5	0