

Richard P Heitz

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11585037/publications.pdf>

Version: 2024-02-01

25
papers

3,783
citations

361045

20
h-index

642321

23
g-index

27
all docs

27
docs citations

27
times ranked

3801
citing authors

#	ARTICLE	IF	CITATIONS
1	Monitoring and proactive control of visual search speed-accuracy tradeoff by supplementary eye field. <i>Journal of Vision</i> , 2019, 19, 144c.	0.1	0
2	Neural mechanisms of speed-accuracy tradeoff of visual search: saccade vigor, the origin of targeting errors, and comparison of the superior colliculus and frontal eye field. <i>Journal of Neurophysiology</i> , 2018, 120, 372-384.	0.9	33
3	Toward a unified view of the speed-accuracy trade-off. <i>Frontiers in Neuroscience</i> , 2015, 9, 139.	1.4	11
4	The speed-accuracy tradeoff: history, physiology, methodology, and behavior. <i>Frontiers in Neuroscience</i> , 2014, 8, 150.	1.4	502
5	Neural chronometry and coherency across speed-accuracy demands reveal lack of homomorphism between computational and neural mechanisms of evidence accumulation. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2013, 368, 20130071.	1.8	37
6	Homologous Mechanisms of Visuospatial Working Memory Maintenance in Macaque and Human: Properties and Sources. <i>Journal of Neuroscience</i> , 2012, 32, 7711-7722.	1.7	71
7	Response variability of frontal eye field neurons modulates with sensory input and saccade preparation but not visual search saliency. <i>Journal of Neurophysiology</i> , 2012, 108, 2737-2750.	0.9	38
8	Neural Mechanisms of Speed-Accuracy Tradeoff. <i>Neuron</i> , 2012, 76, 616-628.	3.8	305
9	Effects of sleep deprivation on cognitive performance by United States Air Force pilots. <i>Journal of Applied Research in Memory and Cognition</i> , 2012, 1, 27-33.	0.7	32
10	Neural mechanisms of saccade target selection: gated accumulator model of the visual-motor cascade. <i>European Journal of Neuroscience</i> , 2011, 33, 1991-2002.	1.2	82
11	Neurally constrained modeling of perceptual decision making. <i>Psychological Review</i> , 2010, 117, 1113-1143.	2.7	307
12	Cooperation and Competition among Frontal Eye Field Neurons during Visual Target Selection. <i>Journal of Neuroscience</i> , 2010, 30, 3227-3238.	1.7	46
13	Neural Correlates of Correct and Errant Attentional Selection Revealed Through N2pc and Frontal Eye Field Activity. <i>Journal of Neurophysiology</i> , 2010, 104, 2433-2441.	0.9	41
14	Reply to Balan and Gottlieb. <i>Journal of Neurophysiology</i> , 2009, 102, 1342-1343.	0.9	2
15	On the Origin of Event-Related Potentials Indexing Covert Attentional Selection During Visual Search. <i>Journal of Neurophysiology</i> , 2009, 102, 2375-2386.	0.9	58
16	A touch screen based Stop Signal Response Task in rhesus monkeys for studying impulsivity associated with chronic cocaine self-administration. <i>Journal of Neuroscience Methods</i> , 2009, 177, 67-72.	1.3	38
17	Complex working memory span tasks and higher-order cognition: A latent-variable analysis of the relationship between processing and storage. <i>Memory</i> , 2009, 17, 635-654.	0.9	321
18	Neural Basis of the Set-Size Effect in Frontal Eye Field: Timing of Attention During Visual Search. <i>Journal of Neurophysiology</i> , 2009, 101, 1699-1704.	0.9	73

#	ARTICLE	IF	CITATIONS
19	Biophysical Support for Functionally Distinct Cell Types in the Frontal Eye Field. Journal of Neurophysiology, 2009, 101, 912-916.	0.9	42
20	Effects of incentive on working memory capacity: Behavioral and pupillometric data. Psychophysiology, 2008, 45, 119-129.	1.2	97
21	Focusing the spotlight: Individual differences in visual attention control.. Journal of Experimental Psychology: General, 2007, 136, 217-240.	1.5	175
22	Working memory, executive function, and general fluid intelligence are not the same. Behavioral and Brain Sciences, 2006, 29, 135-136.	0.4	47
23	An automated version of the operation span task. Behavior Research Methods, 2005, 37, 498-505.	2.3	1,344
24	Working Memory Capacity in Hot and Cold Cognition. , 2005, , 19-43.		32
25	Individual differences in the fan effect and working memory capacity. Journal of Memory and Language, 2004, 51, 604-622.	1.1	48