

Kirk G Thompson

List of Publications by Year in descending order

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29
papers

4,186
citations

279798

23
h-index

501196

28
g-index

29
all docs

29
docs citations

29
times ranked

2654
citing authors

#	ARTICLE	IF	CITATIONS
1	Signal Timing Across the Macaque Visual System. <i>Journal of Neurophysiology</i> , 1998, 79, 3272-3278.	1.8	989
2	NEURAL SELECTION AND CONTROL OF VISUALLY GUIDED EYE MOVEMENTS. <i>Annual Review of Neuroscience</i> , 1999, 22, 241-259.	10.7	513
3	Neuronal Basis of Covert Spatial Attention in the Frontal Eye Field. <i>Journal of Neuroscience</i> , 2005, 25, 9479-9487.	3.6	354
4	A visual salience map in the primate frontal eye field. <i>Progress in Brain Research</i> , 2005, 147, 249-262.	1.4	337
5	Visual feature selectivity in frontal eye fields induced by experience in mature macaques. <i>Nature</i> , 1996, 381, 697-699.	27.8	294
6	Dissociation of Visual Discrimination From Saccade Programming in Macaque Frontal Eye Field. <i>Journal of Neurophysiology</i> , 1997, 77, 1046-1050.	1.8	277
7	The detection of visual signals by macaque frontal eye field during masking. <i>Nature Neuroscience</i> , 1999, 2, 283-288.	14.8	172
8	Search Efficiency but Not Response Interference Affects Visual Selection in Frontal Eye Field. <i>Neuron</i> , 2001, 30, 583-591.	8.1	154
9	Dynamic Dissociation of Visual Selection From Saccade Programming in Frontal Eye Field. <i>Journal of Neurophysiology</i> , 2001, 86, 2634-2637.	1.8	123
10	Frontal Eye Field Activity Before Visual Search Errors Reveals the Integration of Bottom-Up and Top-Down Salience. <i>Journal of Neurophysiology</i> , 2005, 93, 337-351.	1.8	118
11	Measurements of Simultaneously Recorded Spiking Activity and Local Field Potentials Suggest that Spatial Selection Emerges in the Frontal Eye Field. <i>Neuron</i> , 2008, 57, 614-625.	8.1	96
12	Reliability of Macaque Frontal Eye Field Neurons Signaling Saccade Targets during Visual Search. <i>Journal of Neuroscience</i> , 2001, 21, 713-725.	3.6	88
13	Antecedents and correlates of visual detection and awareness in macaque prefrontal cortex. <i>Vision Research</i> , 2000, 40, 1523-1538.	1.4	83
14	Frontal Eye Field Contributions to Rapid Corrective Saccades. <i>Journal of Neurophysiology</i> , 2007, 97, 1457-1469.	1.8	79
15	Neural Control of Visual Search by Frontal Eye Field: Effects of Unexpected Target Displacement on Visual Selection and Saccade Preparation. <i>Journal of Neurophysiology</i> , 2009, 101, 2485-2506.	1.8	66
16	Frontal Eye Field Activity Enhances Object Identification During Covert Visual Search. <i>Journal of Neurophysiology</i> , 2009, 102, 3656-3672.	1.8	64
17	Effects of Search Efficiency on Surround Suppression During Visual Selection in Frontal Eye Field. <i>Journal of Neurophysiology</i> , 2004, 91, 2765-2769.	1.8	56
18	Effect of target-distractor similarity on FEF visual selection in the absence of the target. <i>Experimental Brain Research</i> , 2003, 151, 356-363.	1.5	53

#	ARTICLE	IF	CITATIONS
19	Cooperation and Competition among Frontal Eye Field Neurons during Visual Target Selection. <i>Journal of Neuroscience</i> , 2010, 30, 3227-3238.	3.6	46
20	Stimulus dependence of orientation and direction sensitivity of cat LGNd relay cells without cortical inputs: A comparison with area 17 cells. <i>Visual Neuroscience</i> , 1994, 11, 939-951.	1.0	38
21	Paired neuron recordings in the prefrontal and inferotemporal cortices reveal that spatial selection precedes object identification during visual search. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 13105-13110.	7.1	36
22	Cognitively directed spatial selection in the frontal eye field in anticipation of visual stimuli to be discriminated. <i>Vision Research</i> , 2009, 49, 1205-1215.	1.4	28
23	The Effects of Prefrontal Cortex Inactivation on Object Responses of Single Neurons in the Inferotemporal Cortex during Visual Search. <i>Journal of Neuroscience</i> , 2011, 31, 15956-15961.	3.6	28
24	Direction-sensitive X and Y cells within the A laminae of the cat's LGNd. <i>Visual Neuroscience</i> , 1994, 11, 927-938.	1.0	25
25	Retinal ganglion cells within the foveola of new world (<i>Saimiri sciureus</i>) and old world (<i>Macaca</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 1.6 22	1.6	22
26	Selective depletion of beta cells affects the development of alpha cells in cat retina. <i>Visual Neuroscience</i> , 1993, 10, 237-245.	1.0	18
27	A perceptual representation in the frontal eye field during covert visual search that is more reliable than the behavioral report. <i>European Journal of Neuroscience</i> , 2008, 28, 2542-2549.	2.6	18
28	Dissociation of Selection from Saccade Programming. , 2005, , 124-129.		6
29	Frontal eye field: A cortical salience map. <i>Behavioral and Brain Sciences</i> , 1999, 22, 699-700.	0.7	5