Kirk G Thompson

List of Publications by Year
in descending order

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	The Effects of Prefrontal Cortex Inactivation on Object Responses of Single Neurons in the Inferotemporal Cortex during Visual Search. Journal of Neuroscience, 2011, 31, 15956-15961.	3.6	28
2	Paired neuron recordings in the prefrontal and inferotemporal cortices reveal that spatial selection precedes object identification during visual search. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 13105-13110.	7.1	36
3	Cooperation and Competition among Frontal Eye Field Neurons during Visual Target Selection. Journal of Neuroscience, 2010, 30, 3227-3238.	3.6	46
4	Frontal Eye Field Activity Enhances Object Identification During Covert Visual Search. Journal of Neurophysiology, 2009, 102, 3656-3672.	1.8	64
5	Cognitively directed spatial selection in the frontal eye field in anticipation of visual stimuli to be discriminated. Vision Research, 2009, 49, 1205-1215.	1.4	28
6	Neural Control of Visual Search by Frontal Eye Field: Effects of Unexpected Target Displacement on Visual Selection and Saccade Preparation. Journal of Neurophysiology, 2009, 101, 2485-2506.	1.8	66
7	A perceptual representation in the frontal eye field during covert visual search that is more reliable than the behavioral report. European Journal of Neuroscience, 2008, 28, 2542-2549.	2.6	18
8	Measurements of Simultaneously Recorded Spiking Activity and Local Field Potentials Suggest that Spatial Selection Emerges in the Frontal Eye Field. Neuron, 2008, 57, 614-625.	8.1	96
9	Frontal Eye Field Contributions to Rapid Corrective Saccades. Journal of Neurophysiology, 2007, 97, 1457-1469.	1.8	79
10	Frontal Eye Field Activity Before Visual Search Errors Reveals the Integration of Bottom-Up and Top-Down Salience. Journal of Neurophysiology, 2005, 93, 337-351.	1.8	118
11	Dissociation of Selection from Saccade Programming. , 2005, , 124-129.		6
12	A visual salience map in the primate frontal eye field. Progress in Brain Research, 2005, 147, 249-262.	1.4	337
13	Neuronal Basis of Covert Spatial Attention in the Frontal Eye Field. Journal of Neuroscience, 2005, 25, 9479-9487.	3.6	354
14	Effects of Search Efficiency on Surround Suppression During Visual Selection in Frontal Eye Field. Journal of Neurophysiology, 2004, 91, 2765-2769.	1.8	56
15	Effect of target-distractor similarity on FEF visual selection in the absence of the target. Experimental Brain Research, 2003, 151, 356-363.	1.5	53
16	Search Efficiency but Not Response Interference Affects Visual Selection in Frontal Eye Field. Neuron, 2001, 30, 583-591.	8.1	154
17	Dynamic Dissociation of Visual Selection From Saccade Programming in Frontal Eye Field. Journal of Neurophysiology, 2001, 86, 2634-2637.	1.8	123
18	Reliability of Macaque Frontal Eye Field Neurons Signaling Saccade Targets during Visual Search. Journal of Neuroscience, 2001, 21, 713-725.	3.6	88

#	Article	IF	Citations
19	Antecedents and correlates of visual detection and awareness in macaque prefrontal cortex. Vision Research, 2000, 40, 1523-1538.	1.4	83
20	Frontal eye field: A cortical salience map. Behavioral and Brain Sciences, 1999, 22, 699-700.	0.7	5
21	NEURAL SELECTION AND CONTROL OF VISUALLY GUIDED EYE MOVEMENTS. Annual Review of Neuroscience, 1999, 22, 241-259.	10.7	513
22	The detection of visual signals by macaque frontal eye field during masking. Nature Neuroscience, 1999, 2, 283-288.	14.8	172
23	Signal Timing Across the Macaque Visual System. Journal of Neurophysiology, 1998, 79, 3272-3278.	1.8	989
24	Dissociation of Visual Discrimination From Saccade Programming in Macaque Frontal Eye Field. Journal of Neurophysiology, 1997, 77, 1046-1050.	1.8	277
25	Visual feature selectivity in frontal eye fields induced by experience in mature macaques. Nature, 1996, 381, 697-699.	27.8	294
26	Direction-sensitive X and Y cells within the A laminae of the cat's LGNd. Visual Neuroscience, 1994, 11, 927-938.	1.0	25
27	Stimulus dependence of orientation and direction sensitivity of cat LGNd relay cells without cortical inputs: A comparison with area 17 cells. Visual Neuroscience, 1994, 11, 939-951.	1.0	38
28	Retinal ganglion cells within the foveola of new world (Saimiri sciureus) and old world (Macaca) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 38	1.6	22
29	Selective depletion of beta cells affects the development of alpha cells in cat retina. Visual Neuroscience, 1993, 10, 237-245.	1.0	18