Farrel R Robinson

List of Publications by Year
in descending order

34 papers	3,386 citations	304368 22 h-index	395343 33 g-index
34 all docs	34 docs citations	34 times ranked	2321 citing authors

#	Article	IF	Citations
1	Melanopsin-expressing ganglion cells in primate retina signal colour and irradiance and project to the LGN. Nature, 2005, 433, 749-754.	13.7	1,135
2	Fireworks in the Primate Retina. Neuron, 2003, 37, 15-27.	3.8	293
3	The Role of the Cerebellum in Voluntary Eye Movements. Annual Review of Neuroscience, 2001, 24, 981-1004.	5.0	230
4	Corticopontine visual projections in macaque monkeys. Journal of Comparative Neurology, 1980, 190, 209-229.	0.9	226
5	Characteristics of Saccadic Gain Adaptation in Rhesus Macaques. Journal of Neurophysiology, 1997, 77, 874-895.	0.9	195
6	Y-Cell Receptive Field and Collicular Projection of Parasol Ganglion Cells in Macaque Monkey Retina. Journal of Neuroscience, 2008, 28, 11277-11291.	1.7	129
7	Anatomical connections of the primate pretectal nucleus of the optic tract. Journal of Comparative Neurology, 1994, 349, 111-128.	0.9	125
8	Effect of Visual Error Size on Saccade Adaptation in Monkey. Journal of Neurophysiology, 2003, 90, 1235-1244.	0.9	105
9	Participation of Caudal Fastigial Nucleus in Smooth Pursuit Eye Movements. II. Effects of Muscimol Inactivation. Journal of Neurophysiology, 1997, 78, 848-859.	0.9	101
10	Coordination of gaze shifts in primates: Brainstem inputs to neck and extraocular motoneuron pools. Journal of Comparative Neurology, 1994, 346, 43-62.	0.9	98
11	Visual error is the stimulus for saccade gain adaptation. Cognitive Brain Research, 2001, 12, 301-305.	3.3	92
12	The Smooth Monostratified Ganglion Cell: Evidence for Spatial Diversity in the Y-Cell Pathway to the Lateral Geniculate Nucleus and Superior Colliculus in the Macaque Monkey. Journal of Neuroscience, 2008, 28, 12654-12671.	1.7	85
13	Cerebellar targets of visual pontine cells in the cat. Journal of Comparative Neurology, 1984, 223, 471-482.	0.9	57
14	Distinct Short-Term and Long-Term Adaptation to Reduce Saccade Size in Monkey. Journal of Neurophysiology, 2006, 96, 1030-1041.	0.9	57
15	Role of the cerebellum in movement control and adaptation. Current Opinion in Neurobiology, 1995, 5, 755-762.	2.0	47
16	Visual Signals in the Nucleus of the Optic Tract and Their Brain Stem Destinations. Annals of the New York Academy of Sciences, 1992, 656, 266-276.	1.8	42
17	Role of the Cerebellar Posterior Interpositus Nucleus in Saccades I. Effect of Temporary Lesions. Journal of Neurophysiology, 2000, 84, 1289-1302.	0.9	39
18	Cat visual corticopontine cells project to the superior colliculus. Brain Research, 1983, 265, 227-232.	1.1	36

#	Article	IF	Citations
19	Pathogenesis of clinical signs in recessive ataxia with saccadic intrusions. Annals of Neurology, 2003, 54, 824-828.	2.8	34
20	Corticopontine projections of the lateral suprasylvian cortex: De-emphasis of the central visual field. Brain Research, 1981, 219, 239-248.	1.1	32
21	Premotor Inhibitory Neurons Carry Signals Related to Saccade Adaptation in the Monkey. Journal of Neurophysiology, 2008, 99, 220-230.	0.9	31
22	Non-visual information does not drive saccade gain adaptation in monkeys. Brain Research, 2002, 956, 374-379.	1.1	28
23	When during horizontal saccades in monkey does cerebellar output affect movement?. Brain Research, 2013, 1503, 33-42.	1.1	24
24	Distribution of N-Acetylgalactosamine-Positive Perineuronal Nets in the Macaque Brain: Anatomy and Implications. Neural Plasticity, 2016, 2016, 1-19.	1.0	24
25	Saccadic Dysmetria is Similar in Patients with a Lateral Medullary Lesion and in Monkeys with a Lesion of the Deep Cerebellar Nucleus. Journal of Vestibular Research: Equilibrium and Orientation, 1994, 4, 327-333.	0.8	22
26	Cerebellar fastigial nucleus influence on ipsilateral abducens activity during saccades. Journal of Neurophysiology, 2014, 111, 1553-1563.	0.9	22
27	Origins of direction selectivity in the primate retina. Nature Communications, 2022, 13, .	5.8	19
28	Temporary Lesions of the Caudal Deep Cerebellar Nucleus in Nonhuman Primates. Annals of the New York Academy of Sciences, 2009, 1164, 119-126.	1.8	15
29	Effect of visual background on saccade adaptation in monkeys. Vision Research, 2000, 40, 2359-2367.	0.7	13
30	Rhesus Macaque as an Animal Model for Posterior Fossa Syndrome following Tumor Resection. Pediatric Neurosurgery, 2010, 46, 120-126.	0.4	11
31	Modeling Inter-trial Variability of Saccade Trajectories: Effects of Lesions of the Oculomotor Part of the Fastigial Nucleus. PLoS Computational Biology, 2016, 12, e1004866.	1.5	11
32	Projection of the Magnocellular Red Nucleus to the Region of the Accessory Abducens Nucleus in the Rabbit. Neurobiology of Learning and Memory, 2001, 76, 358-374.	1.0	4
33	N-Acetylgalactosamine Positive Perineuronal Nets in the Saccade-Related-Part of the Cerebellar Fastigial Nucleus Do Not Maintain Saccade Gain. PLoS ONE, 2014, 9, e86154.	1.1	4
34	Animal Oculomotor Data Illuminate Cerebellum-Related Eye Movement Disorders. , 2005, , 657-677.		0