Igor Kagan

List of Publications by Year in descending order

35 papers	1,252 citations	516710 16 h-index	395702 33 g-index
50 all docs	50 docs citations	50 times ranked	1449 citing authors

#	Article	IF	Citations
1	Toward next-generation primate neuroscience: A collaboration-based strategic plan for integrative neuroimaging. Neuron, 2022, 110, 16-20.	8.1	22
2	Combining brain perturbation and neuroimaging in non-human primates. NeuroImage, 2021, 235, 118017.	4.2	50
3	Effective connectivity and spatial selectivity-dependent fMRI changes elicited by microstimulation of pulvinar and LIP. NeuroImage, 2021, 240, 118283.	4.2	11
4	Emergence and suppression of cooperation by action visibility in transparent games. PLoS Computational Biology, 2020, 16, e1007588.	3.2	7
5	Eye position signals in the dorsal pulvinar during fixation and goal-directed saccades. Journal of Neurophysiology, 2020, 123, 367-391.	1.8	12
6	Aberrant functional connectivity of resting state networks related to misperceptions and intra-individual variability in Parkinsonâ€˜s disease. NeuroImage: Clinical, 2020, 25, 102076.	2.7	7
7	Macaque Gaze Responses to the Primatar: A Virtual Macaque Head for Social Cognition Research. Frontiers in Psychology, 2020, 11, 1645.	2.1	9
8	Accelerating the Evolution of Nonhuman Primate Neuroimaging. Neuron, 2020, 105, 600-603.	8.1	92
9	Judgments of effort exerted by others are influenced by received rewards. Scientific Reports, 2020, 10, 1868.	3.3	7
10	Evolutionary Successful Strategies in a Transparent iterated Prisonerâ€™s Dilemma. Lecture Notes in Computer Science, 2019, , 204-219.	1.3	1
11	Reach and grasp deficits following damage to the dorsal pulvinar. Cortex, 2018, 99, 135-149.	2.4	22
12	Using imaging photoplethysmography for heart rate estimation in non-human primates. PLoS ONE, 2018, 13, e0202581.	2.5	21
13	Implicit reward associations impact face processing: Time-resolved evidence from event-related brain potentials and pupil dilations. NeuroImage, 2018, 179, 557-569.	4.2	32
14	Post-decision wagering after perceptual judgments reveals bi-directional certainty readouts. Cognition, 2018, 176, 40-52.	2.2	20
15	Lateral intraparietal area (LIP) is largely effector-specific in free-choice decisions. Scientific Reports, 2018, 8, 8611.	3.3	28
16	Electrical Microstimulation of the Pulvinar Biases Saccade Choices and Reaction Times in a Time-Dependent Manner. Journal of Neuroscience, 2017, 37, 2234-2257.	3.6	44
17	Active Vision: Dynamic Reformatting of Visual Information by the Saccade-Drift Cycle. Current Biology, 2017, 27, R341-R344.	3.9	4
18	Inactivation of Parietal Reach Region Affects Reaching But Not Saccade Choices in Internally Guided Decisions. Journal of Neuroscience, 2015, 35, 11719-11728.	3.6	39

#	Article	IF	Citations
19	Trunk rotation affects temporal order judgments with direct saccades: Influence of handedness. Neuropsychologia, 2015, 79, 123-137.	1.6	2
20	Primate area V1. NeuroReport, 2014, 25, 1109-1115.	1.2	13
21	Active Vision: Microsaccades Direct the Eye to Where It Matters Most. Current Biology, 2013, 23, R712-R714.	3.9	19
22	Effects of Pulvinar Inactivation on Spatial Decision-making between Equal and Asymmetric Reward Options. Journal of Cognitive Neuroscience, 2013, 25, 1270-1283.	2.3	45
23	Functional imaging reveals rapid reorganization of cortical activity after parietal inactivation in monkeys. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 8274-8279.	7.1	77
24	Active Vision: Fixational Eye Movements Help Seeing Space in Time. Current Biology, 2012, 22, R186-R188.	3.9	11
25	Human Posterior Parietal Cortex Plans Where to Reach and What to Avoid. Journal of Neuroscience, 2010, 30, 11715-11725.	3.6	62
26	Space representation for eye movements is more contralateral in monkeys than in humans. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 7933-7938.	7.1	90
27	Motor Preparatory Activity in Posterior Parietal Cortex is Modulated by Subjective Absolute Value. PLoS Biology, 2010, 8, e1000444.	5.6	22
28	Saccades and drifts differentially modulate neuronal activity in V1: Effects of retinal image motion, position, and extraretinal influences. Journal of Vision, 2008, 8, 19-19.	0.3	110
29	Orientation and Direction Selectivity of Neurons in V1 of Alert Monkeys: Functional Relationships and Laminar Distributions. Cerebral Cortex, 2005, 15, 1207-1221.	2.9	141
30	How the mesencephalic locomotor region recruits hindbrain neurons. Progress in Brain Research, 2004, 143, 219-230.	1.4	7
31	Modeling the responses of V1 complex cells to natural temporal inputs. Journal of Vision, 2004, 4, 278-278.	0.3	2
32	Lack of short-term adaptation in V1 cells of the alert monkey. Journal of Vision, 2004, 4, 223-223.	0.3	0
33	Spatial Organization of Receptive Fields of V1 Neurons of Alert Monkeys: Comparison With Responses to Gratings. Journal of Neurophysiology, 2002, 88, 2557-2574.	1.8	75
34	Selective activation of visual cortex neurons by fixational eye movements: Implications for neural coding. Visual Neuroscience, 2001, 18, 259-277.	1.0	121
35	Chapter 25 Behavior of Hindbrain Neurons During the Transition from Rest to Evoked Locomotion in a Newt. Progress in Brain Research, 1999, 123, 285-294.	1.4	11