Farshad A Mansouri

List of Publications by Year
in descending order

34 papers	1,985 citations	430843 18 h-index	395678 33 g-index
34 all docs	34 docs citations	34 times ranked	2230 citing authors

#	Article	IF	Citations
1	Conflict-induced behavioural adjustment: a clue to the executive functions of the prefrontal cortex. Nature Reviews Neuroscience, 2009, 10, 141-152.	10.2	517
2	Dissociable Components of Rule-Guided Behavior Depend on Distinct Medial and Prefrontal Regions. Science, 2009, 325, 52-58.	12.6	270
3	Managing competing goals â€" a key role for the frontopolar cortex. Nature Reviews Neuroscience, 2017, 18, 645-657.	10.2	208
4	Mnemonic Function of the Dorsolateral Prefrontal Cortex in Conflict-Induced Behavioral Adjustment. Science, 2007, 318, 987-990.	12.6	161
5	Prefrontal Cell Activities Related to Monkeys' Success and Failure in Adapting to Rule Changes in a Wisconsin Card Sorting Test Analog. Journal of Neuroscience, 2006, 26, 2745-2756.	3.6	156
6	Behavioral consequences of selective damage to frontal pole and posterior cingulate cortices. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E3940-9.	7.1	78
7	Monitoring Demands for Executive Control: Shared Functions between Human and Nonhuman Primates. Trends in Neurosciences, 2017, 40, 15-27.	8.6	70
8	Emergence of abstract rules in the primate brain. Nature Reviews Neuroscience, 2020, 21, 595-610.	10.2	54
9	The Essential Role of Primate Orbitofrontal Cortex in Conflict-Induced Executive Control Adjustment. Journal of Neuroscience, 2014, 34, 11016-11031.	3.6	51
10	Chronic in vivo morphine administration facilitates primed-bursts-induced long-term potentiation of Schaffer collateralâ€"CA1 synapses in hippocampal slices in vitro. Brain Research, 1999, 815, 419-423.	2.2	47
11	Sex dependency of inhibitory control functions. Biology of Sex Differences, 2016, 7, 11.	4.1	46
12	Working Memory in the Service of Executive Control Functions. Frontiers in Systems Neuroscience, 2015, 9, 166.	2.5	36
13	Cognitive Control Functions of Anterior Cingulate Cortex in Macaque Monkeys Performing a Wisconsin Card Sorting Test Analog. Journal of Neuroscience, 2014, 34, 7531-7547.	3.6	35
14	Interactive effects of music and prefrontal cortex stimulation in modulating response inhibition. Scientific Reports, 2017, 7, 18096.	3.3	30
15	Involvement of NMDA receptors and voltage-dependent calcium channels on augmentation of long-term potentiation in hippocampal CA1 area of morphine dependent rats. Brain Research, 1998, 804, 125-134.	2.2	29
16	Behavioral evidence for working memory of sensory dimension in macaque monkeys. Behavioural Brain Research, 2002, 136, 415-426.	2.2	27
17	The Role of Primate Prefrontal Cortex in Bias and Shift Between Visual Dimensions. Cerebral Cortex, 2020, 30, 85-99.	2.9	23
18	Direct current stimulation of prefrontal cortex modulates errorâ€induced behavioral adjustments. European Journal of Neuroscience, 2016, 44, 1856-1869.	2.6	22

#	Article	IF	Citations
19	Interaction of task-related learning and transcranial direct current stimulation of the prefrontal cortex in modulating executive functions.. Neuropsychologia, 2019, 131, 148-159.	1.6	18
20	Investigating the sex-dependent effects of prefrontal cortex stimulation on response execution and inhibition. Biology of Sex Differences, 2021, 12, 47.	4.1	16
21	The effects of oxytocin on primatesâ€™ working memory depend on the emotional valence of contextual factors. Behavioural Brain Research, 2019, 362, 82-89.	2.2	13
22	Cognitive sex differences in effects of music in Wisconsin Card Sorting Test. Psychology of Music, 2020, 48, 252-265.	1.6	11
23	Interaction of music and emotional stimuli in modulating working memory in macaque monkeys. American Journal of Primatology, 2019, 81, e22999.	1.7	10
24	Colorâ€hierarchies in executive control of monkeys' behavior. American Journal of Primatology, 2021, 83, e23231.	1.7	9
25	Neural substrate and underlying mechanisms of working memory: insights from brain stimulation studies. Journal of Neurophysiology, 2021, 125, 2038-2053.	1.8	8
26	The marmoset as a model for investigating the neural basis of social cognition in health and disease. Neuroscience and Biobehavioral Reviews, 2022, 138, 104692.	6.1	8
27	Negative Emotional Stimuli Enhance Conflict Resolution Without Altering Arousal. Frontiers in Human Neuroscience, 2019, 13, 282.	2.0	6
28	Dimensional bias and adaptive adjustments in inhibitory control of monkeys. Animal Cognition, 2021, 24, 815-828.	1.8	6
29	Context-Dependent Adjustments in Executive Control of Goal-Directed Behaviour: Contribution of Frontal Brain Areas to Conflict-Induced Behavioural Adjustments in Primates. Advances in Neurobiology, 2018, 21, 71-83.	1.8	6
30	The neural substrate and underlying mechanisms of executive control fluctuations in primates. Progress in Neurobiology, 2022, 209, 102216.	5.7	5
31	Short-term research projects in cognitive neuroscience for undergraduate students: a contingency plan to maintain quality teaching during COVID-19 pandemic. American Journal of Physiology - Advances in Physiology Education, 2021, 45, 376-383.	1.6	3
32	The effects of emotional stimuli and oxytocin on inhibition ability and response execution in macaque monkeys. Behavioural Brain Research, 2021, 413, 113409.	2.2	3
33	Dimension of visual information interacts with working memory in monkeys and humans. Scientific Reports, 2022, 12, 5335.	3.3	2
34	Functional Division Among Prefrontal Cortical Areas in an Analog of Wisconsin Card Sorting Test. , 2017, , 17-38.		1