Camillo Padoa-Schioppa

List of Publications by Year
in descending order

42	5,671	257450 24	302126 39
papers	citations	h-index	g-index

55	55	55	4126
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Neurons in the orbitofrontal cortex encode economic value. Nature, 2006, 441, 223-226.	27.8	1,379
2	A hierarchy of intrinsic timescales across primate cortex. Nature Neuroscience, 2014, 17, 1661-1663.	14.8	734
3	Neurobiology of Economic Choice: A Good-Based Model. Annual Review of Neuroscience, 2011, 34, 333-359.	10.7	522
4	Neuronal Correlates of Motor Performance and Motor Learning in the Primary Motor Cortex of Monkeys Adapting to an External Force Field. Neuron, 2001, 30, 593-607.	8.1	387
5	The representation of economic value in the orbitofrontal cortex is invariant for changes of menu. Nature Neuroscience, 2008, 11, 95-102.	14.8	348
6	Range-Adapting Representation of Economic Value in the Orbitofrontal Cortex. Journal of Neuroscience, 2009, 29, 14004-14014.	3.6	237
7	Orbitofrontal Cortex: A Neural Circuit for Economic Decisions. Neuron, 2017, 96, 736-754.	8.1	211
8	Neuronal Encoding of Subjective Value in Dorsal and Ventral Anterior Cingulate Cortex. Journal of Neuroscience, 2012, 32, 3791-3808.	3.6	182
9	Disruption of Primary Motor Cortex before Learning Impairs Memory of Movement Dynamics. Journal of Neuroscience, 2006, 26, 12466-12470.	3.6	144
10	The orbitofrontal cortex and the computation of subjective value: consolidated concepts and new perspectives. Annals of the New York Academy of Sciences, 2011, 1239, 130-137.	3.8	143
11	Neuronal Origins of Choice Variability in Economic Decisions. Neuron, 2013, 80, 1322-1336.	8.1	141
12	Contributions of Orbitofrontal and Lateral Prefrontal Cortices to Economic Choice and the Good-to-Action Transformation. Neuron, 2014, 81, 1140-1151.	8.1	121
13	Neuronal Activity in the Supplementary Motor Area of Monkeys Adapting to a New Dynamic Environment. Journal of Neurophysiology, 2004, 91, 449-473.	1.8	108
14	Values encoded in orbitofrontal cortex are causally related to economic choices. Nature, 2020, 588, 450-453.	27.8	85
15	Orbitofrontal Cortex and the Computation of Economic Value. Annals of the New York Academy of Sciences, 2007, 1121, 232-253.	3.8	84
16	A neuro-computational model of economic decisions. Journal of Neurophysiology, 2015, 114, 1382-1398.	1.8	83
17	Optimal coding and neuronal adaptation in economic decisions. Nature Communications, 2017, 8, 1208.	12.8	81
18	Neuronal Correlates of Kinematics-to-Dynamics Transformation in the Supplementary Motor Area. Neuron, 2002, 36, 751-765.	8.1	75

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19	Integration of Multiple Determinants in the Neuronal Computation of Economic Values. Journal of Neuroscience, 2014, 34, 11583-11603.	3.6	66
20	Neuronal remapping and circuit persistence in economic decisions. Nature Neuroscience, 2016, 19, 855-861.	14.8	64
21	Neuronal correlates of movement dynamics in the dorsal and ventral premotor area in the monkey. Experimental Brain Research, 2006, 168, 106-119.	1.5	55
22	Preference Transitivity and Symbolic Representation in Capuchin Monkeys (Cebus apella). PLoS ONE, 2008, 3, e2414.	2.5	43
23	Multi-stage mental process for economic choice in capuchins. Cognition, 2006, 99, B1-B13.	2.2	42
24	Neural mechanisms of economic choices in mice. ELife, 2020, 9, .	6.0	40
25	Rational Attention and Adaptive Coding: A Puzzle and a Solution. American Economic Review, 2014, 104, 507-513.	8.5	38
26	Partial Adaptation to the Value Range in the Macaque Orbitofrontal Cortex. Journal of Neuroscience, 2019, 39, 2279-18.	3.6	32
27	Dialogue on economic choice, learning theory, and neuronal representations. Current Opinion in Behavioral Sciences, 2015, 5, 16-23.	3.9	31
28	Economic Decisions through Circuit Inhibition. Current Biology, 2019, 29, 3814-3824.e5.	3.9	27
29	Neuronal variability in orbitofrontal cortex during economic decisions. Journal of Neurophysiology, 2015, 114, 1367-1381.	1.8	26
30	Neuronal evidence for good-based economic decisions under variable action costs. Nature Communications, 2019, 10, 393.	12.8	26
31	Neuronal Activity in the Primate Amygdala during Economic Choice. Journal of Neuroscience, 2020, 40, 1286-1301.	3.6	16
32	Neuronal Activity in the Cingulate Motor Areas During Adaptation to a New Dynamic Environment. Journal of Neurophysiology, 2008, 99, 1253-1266.	1.8	15
33	Categorical encoding of decision variables in orbitofrontal cortex. PLoS Computational Biology, 2019, 15, e1006667.	3.2	15
34	Neuronal Representations of Value. , 2009, , 441-462.		13
35	THE SYLLOGISM OF NEURO-ECONOMICS. Economics and Philosophy, 2008, 24, 449-457.	0.3	12
36	Economic Choices under Simultaneous or Sequential Offers Rely on the Same Neural Circuit. Journal of Neuroscience, 2022, 42, 33-43.	3.6	8

#	Article	IF	Citations
37	Logistic analysis of choice data: A primer. Neuron, 2022, 110, 1615-1630.	8.1	8
38	Neuronal activity in dorsal anterior cingulate cortex during economic choices under variable action costs. ELife, 2021, 10, .	6.0	6
39	Neuronal origins of reduced accuracy and biases in economic choices under sequential offers. ELife, 2022, 11, .	6.0	6
40	The dynamic nature of value-based decisions. Nature Neuroscience, 2016, 19, 866-867.	14.8	5
41	Commentary: Utility-free heuristic models of two-option choice can mimic predictions of utility-stage models under many conditions. Frontiers in Neuroscience, 2015, 9, 188.	2.8	1
42	Cortical Control of Motor Learning. Frontiers in Neuroscience, 2004, , .	0.0	0