Vincent D Costa

List of Publications by Year
in descending order

44 papers	2,215 citations	279487 23 h-index	264894 42 g-index
50 all docs	50 docs citations	50 times ranked	2725 citing authors

#	Article	IF	Citations
1	Differential coding of goals and actions in ventral and dorsal corticostriatal circuits during goal-directed behavior. Cell Reports, 2022, 38, 110198.	2.9	12
2	The neurocomputational bases of explore-exploit decision-making. Neuron, 2022, 110, 1869-1879.e5.	3.8	21
3	Balancing exploration and exploitation with information and randomization. Current Opinion in Behavioral Sciences, 2021, 38, 49-56.	2.0	99
4	Effects of Amygdala Lesions on Object-Based Versus Action-Based Learning in Macaques. Cerebral Cortex, 2021, 31, 529-546.	1.6	14
5	Anterior cingulate and putamen neurons flexibly learn whether a hot dog is a sandwich. Neuron, 2021, 109, 747-750.	3.8	0
6	Deliberative Choice Strategies in Youths: Relevance to Transdiagnostic Anxiety Symptoms. Clinical Psychological Science, 2021, 9, 979-989.	2.4	2
7	Fluoxetine incentivizes ventral striatum encoding of reward and punishment. Neuropsychopharmacology, 2021, 46, 2041-2042.	2.8	1
8	Adolescent Dopamine Neurons Represent Reward Differently during Action and State Guided Learning. Journal of Neuroscience, 2021, 41, 9419-9430.	1.7	7
9	Entropy-based metrics for predicting choice behavior based on local response to reward. Nature Communications, 2021, 12, 6567.	5.8	8
10	Clozapine is my favorite color: Chemogenetic modulation of anxiety-related behavior in primates. Molecular Therapy, 2021, 29, 3322-3324.	3.7	1
11	Prefrontal Regulation of Punished Ethanol Self-administration. Biological Psychiatry, 2020, 87, 967-978.	0.7	53
12	Assessing the role of the amygdala in fear of pain: Neural activation under threat of shock. Journal of Affective Disorders, 2020, 276, 1142-1148.	2.0	4
13	Primate Orbitofrontal Cortex Codes Information Relevant for Managing Exploreâ€"Exploit Tradeoffs. Journal of Neuroscience, 2020, 40, 2553-2561.	1.7	45
14	Aversive perception in a threat context: Separate and independent neural activation. Biological Psychology, 2020, 154, 107926.	1.1	11
15	Of Pathways, Processes, and Orbitofrontal Cortex. Neuron, 2019, 103, 556-558.	3.8	0
16	Subcortical Substrates of Explore-Exploit Decisions in Primates. Neuron, 2019, 103, 533-545.e5.	3.8	87
17	Cross-species convergence in pupillary response: understanding human anxiety via non-human primate amygdala lesion. Social Cognitive and Affective Neuroscience, 2019, 14, 591-599.	1.5	7
18	Directional interconnectivity of the human amygdala, fusiform gyrus, and orbitofrontal cortex in emotional scene perception. Journal of Neurophysiology, 2019, 122, 1530-1537.	0.9	26

#	Article	IF	Citations
19	Large expert-curated database for benchmarking document similarity detection in biomedical literature search. Database: the Journal of Biological Databases and Curation, 2019, 2019, .	1.4	15
20	Ventral striatumâ€™s role in learning from gains and losses. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E12398-E12406.	3.3	28
21	Learned Value Shapes Responses to Objects in Frontal and Ventral Stream Networks in Macaque Monkeys. Cerebral Cortex, 2017, 27, 2739-2757.	1.6	30
22	Effects of Ventral Striatum Lesions on Stimulus-Based versus Action-Based Reinforcement Learning. Journal of Neuroscience, 2017, 37, 6902-6914.	1.7	43
23	Motivational neural circuits underlying reinforcement learning. Nature Neuroscience, 2017, 20, 505-512.	7.1	144
24	376. Subcortical Contributions to the Explore-Exploit Tradeoff. Biological Psychiatry, 2017, 81, S154.	0.7	2
25	Amygdala and Ventral Striatum Make Distinct Contributions to Reinforcement Learning. Neuron, 2016, 92, 505-517.	3.8	112
26	Blocking serotonin but not dopamine reuptake alters neural processing during perceptual decision making.. Behavioral Neuroscience, 2016, 130, 461-468.	0.6	7
27	More than Meets the Eye: the Relationship between Pupil Size and Locus Coeruleus Activity. Neuron, 2016, 89, 8-10.	3.8	88
28	Imaging distributed and massed repetitions of natural scenes: Spontaneous retrieval and maintenance. Human Brain Mapping, 2015, 36, 1381-1392.	1.9	43
29	Amygdala lesions in rhesus macaques decrease attention to threat. Nature Communications, 2015, 6, 10161.	5.8	60
30	Reversal Learning and Dopamine: A Bayesian Perspective. Journal of Neuroscience, 2015, 35, 2407-2416.	1.7	127
31	Selective looking at natural scenes: Hedonic content and gender. International Journal of Psychophysiology, 2015, 98, 54-58.	0.5	51
32	Frontal-Parietal and Limbic-Striatal Activity Underlies Information Sampling in the Best Choice Problem. Cerebral Cortex, 2015, 25, 972-982.	1.6	25
33	The Role of Frontal Cortical and Medial-Temporal Lobe Brain Areas in Learning a Bayesian Prior Belief on Reversals. Journal of Neuroscience, 2015, 35, 11751-11760.	1.7	66
34	From threat to safety: Instructed reversal of defensive reactions. Psychophysiology, 2015, 52, 325-332.	1.2	46
35	Oxytocin enhances attention to the eye region in rhesus monkeys. Frontiers in Neuroscience, 2014, 8, 41.	1.4	64
36	Dopamine modulates novelty seeking behavior during decision making.. Behavioral Neuroscience, 2014, 128, 556-566.	0.6	183

#	Article	IF	Citations
37	Looking into the future. ELife, 2014, 3, e03146.	2.8	2
38	Tagging cortical networks in emotion: A topographical analysis. Human Brain Mapping, 2012, 33, 2920-2931.	1.9	38
39	Do brain responses to emotional images and cigarette cues differ? An fMRI study in smokers. European Journal of Neuroscience, 2011, 34, 2054-2063.	1.2	25
40	Threat of suffocation and defensive reflex activation. Psychophysiology, 2011, 48, 393-396.	1.2	35
41	Scan patterns when viewing natural scenes: Emotion, complexity, and repetition. Psychophysiology, 2011, 48, 1544-1553.	1.2	77
42	Emotional imagery: Assessing pleasure and arousal in the brain's reward circuitry. Human Brain Mapping, 2010, 31, 1446-1457.	1.9	158
43	The Timing of Emotional Discrimination in Human Amygdala and Ventral Visual Cortex. Journal of Neuroscience, 2009, 29, 14864-14868.	1.7	148
44	Pleasure Rather Than Salience Activates Human Nucleus Accumbens and Medial Prefrontal Cortex. Journal of Neurophysiology, 2007, 98, 1374-1379.	0.9	197