Fabian Grabenhorst

List of Publications by Year
in descending order

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41 papers	4,427 citations	172457 29 h-index	315739 38 g-index
47 all docs	47 docs citations	47 times ranked	4530 citing authors

#	Article	IF	Citations
1	The orbitofrontal cortex and beyond: From affect to decision-making. Progress in Neurobiology, 2008, 86, 216-244.	5.7	702
2	Value, pleasure and choice in the ventral prefrontal cortex. Trends in Cognitive Sciences, 2011, 15, 56-67.	7.8	624
3	Decisions under ambiguity and decisions under risk: Correlations with executive functions and comparisons of two different gambling tasks with implicit and explicit rules. Journal of Clinical and Experimental Neuropsychology, 2007, 29, 86-99.	1.3	418
4	How Cognition Modulates Affective Responses to Taste and Flavor: Top-down Influences on the Orbitofrontal and Pregenual Cingulate Cortices. Cerebral Cortex, 2008, 18, 1549-1559.	2.9	274
5	Warm pleasant feelings in the brain. NeuroImage, 2008, 41, 1504-1513.	4.2	194
6	How Pleasant and Unpleasant Stimuli Combine in Different Brain Regions: Odor Mixtures. Journal of Neuroscience, 2007, 27, 13532-13540.	3.6	180
7	Selective attention to affective value alters how the brain processes taste stimuli. European Journal of Neuroscience, 2008, 27, 723-729.	2.6	171
8	How the Brain Represents the Reward Value of Fat in the Mouth. Cerebral Cortex, 2010, 20, 1082-1091.	2.9	166
9	Role of the amygdala in decisions under ambiguity and decisions under risk: Evidence from patients with Urbach-Wiethe disease. Neuropsychologia, 2007, 45, 1305-1317.	1.6	163
10	Choice, difficulty, and confidence in the brain. NeuroImage, 2010, 53, 694-706.	4.2	127
11	Human cortical representation of oral temperature. Physiology and Behavior, 2007, 92, 975-984.	2.1	111
12	From affective value to decisionâ€making in the prefrontal cortex. European Journal of Neuroscience, 2008, 28, 1930-1939.	2.6	109
13	Decision-Making, Errors, and Confidence in the Brain. Journal of Neurophysiology, 2010, 104, 2359-2374.	1.8	105
14	Selective Attention to Affective Value Alters How the Brain Processes Olfactory Stimuli. Journal of Cognitive Neuroscience, 2008, 20, 1815-1826.	2.3	99
15	Neural Systems Underlying Decisions about Affective Odors. Journal of Cognitive Neuroscience, 2010, 22, 1069-1082.	2.3	78
16	Primate Amygdala Neurons Simulate Decision Processes of Social Partners. Cell, 2019, 177, 986-998.e15.	28.9	75
17	Prediction of economic choice by primate amygdala neurons. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 18950-18955.	7.1	73
18	Different representations of relative and absolute subjective value in the human brain. NeuroImage, 2009, 48, 258-268.	4.2	67

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19	A common neural scale for the subjective pleasantness of different primary rewards. NeuroImage, 2010, 51, 1265-1274.	4.2	66
20	Food labels promote healthy choices by a decision bias in the amygdala. NeuroImage, 2013, 74, 152-163.	4.2	66
21	A dynamic code for economic object valuation in prefrontal cortex neurons. Nature Communications, 2016, 7, 12554.	12.8	63
22	Attentional Modulation of Affective Versus Sensory Processing: Functional Connectivity and a Top-Down Biased Activation Theory of Selective Attention. Journal of Neurophysiology, 2010, 104, 1649-1660.	1.8	57
23	Neural Mechanisms for Accepting and Rejecting Artificial Social Partners in the Uncanny Valley. Journal of Neuroscience, 2019, 39, 6555-6570.	3.6	53
24	Attention-Dependent Modulation of Cortical Taste Circuits Revealed by Granger Causality with Signal-Dependent Noise. PLoS Computational Biology, 2013, 9, e1003265.	3.2	51
25	Componential Granger causality, and its application to identifying the source and mechanisms of the topâ€“down biased activation that controls attention to affective vs sensory processing. NeuroImage, 2012, 59, 1846-1858.	4.2	47
26	Prediction of Subjective Affective State From Brain Activations. Journal of Neurophysiology, 2009, 101, 1294-1308.	1.8	45
27	The representation of oral fat texture in the human somatosensory cortex. Human Brain Mapping, 2014, 35, 2521-2530.	3.6	45
28	A hedonically complex odor mixture produces an attentional capture effect in the brain. NeuroImage, 2011, 55, 832-843.	4.2	43
29	Planning activity for internally generated reward goals in monkey amygdala neurons. Nature Neuroscience, 2015, 18, 461-469.	14.8	39
30	Neural Basis for Economic Saving Strategies in Human Amygdala-Prefrontal Reward Circuits. Current Biology, 2016, 26, 3004-3013.	3.9	25
31	Primate amygdala neurons evaluate the progress of self-defined economic choice sequences. ELife, 2016, 5, .	6.0	17
32	Primate prefrontal neurons signal economic risk derived from the statistics of recent reward experience. ELife, 2019, 8, .	6.0	14
33	Nonhuman Primates Satisfy Utility Maximization in Compliance with the Continuity Axiom of Expected Utility Theory. Journal of Neuroscience, 2021, 41, 2964-2979.	3.6	13
34	Functions of primate amygdala neurons in economic decisions and social decision simulation. Behavioural Brain Research, 2021, 409, 113318.	2.2	13
35	Preferences for nutrients and sensory food qualities identify biological sources of economic values in monkeys. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	11
36	Single-Dimensional Human Brain Signals for Two-Dimensional Economic Choice Options. Journal of Neuroscience, 2021, 41, 3000-3013.	3.6	9

#	Article	IF	Citations
37	Neural activity in human ventromedial prefrontal cortex reflecting the intention to save reward. Social Cognitive and Affective Neuroscience, 2019, 14, 1255-1261.	3.0	6
38	Experimentally revealed stochastic preferences for multicomponent choice options.. Journal of Experimental Psychology Animal Learning and Cognition, 2020, 46, 367-384.	0.5	5
39	Experimentally Revealed Stochastic Preferences for Multi-Component Choice Options. SSRN Electronic Journal, 0, , .	0.4	1
40	Brain Systems for the Pleasure of Food and Other Primary Rewards. , 2014, , 119-178.		0
41	Scalar Human Brain Responses to Vectorial Economic Choice Options: A Concept-Driven Approach. SSRN Electronic Journal, 0, , .	0.4	0