

Miriam C Klein-FlÃ¼gge

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

1,897
citations

430754

18
h-index

610775

24
g-index

36
all docs

36
docs citations

36
times ranked

2584
citing authors

#	ARTICLE	IF	CITATIONS
1	Oxidative Phosphorylation, Not Glycolysis, Powers Presynaptic and Postsynaptic Mechanisms Underlying Brain Information Processing. <i>Journal of Neuroscience</i> , 2012, 32, 8940-8951.	1.7	353
2	An Agent Independent Axis for Executed and Modeled Choice in Medial Prefrontal Cortex. <i>Neuron</i> , 2012, 75, 1114-1121.	3.8	202
3	Offline impact of transcranial focused ultrasound on cortical activation in primates. <i>ELife</i> , 2019, 8, .	2.8	196
4	Neural Signatures of Value Comparison in Human Cingulate Cortex during Decisions Requiring an Effort-Reward Trade-off. <i>Journal of Neuroscience</i> , 2016, 36, 10002-10015.	1.7	187
5	The macaque anterior cingulate cortex translates counterfactual choice value into actual behavioral change. <i>Nature Neuroscience</i> , 2019, 22, 797-808.	7.1	143
6	Behavioral Modeling of Human Choices Reveals Dissociable Effects of Physical Effort and Temporal Delay on Reward Devaluation. <i>PLoS Computational Biology</i> , 2015, 11, e1004116.	1.5	104
7	Dissociable Reward and Timing Signals in Human Midbrain and Ventral Striatum. <i>Neuron</i> , 2011, 72, 654-664.	3.8	70
8	Neural mechanisms for learning self and other ownership. <i>Nature Communications</i> , 2018, 9, 4747.	5.8	61
9	Variability of Human Corticospinal Excitability Tracks the State of Action Preparation. <i>Journal of Neuroscience</i> , 2013, 33, 5564-5572.	1.7	58
10	Computational modelling of social cognition and behaviour—a reinforcement learning primer. <i>Social Cognitive and Affective Neuroscience</i> , 2021, 16, 761-771.	1.5	56
11	Medial and orbital frontal cortex in decision-making and flexible behavior. <i>Neuron</i> , 2022, 110, 2743-2770.	3.8	53
12	Activation and disruption of a neural mechanism for novel choice in monkeys. <i>Nature</i> , 2021, 591, 270-274.	13.7	52
13	Global reward state affects learning and activity in raphe nucleus and anterior insula in monkeys. <i>Nature Communications</i> , 2020, 11, 3771.	5.8	49
14	Understanding psychiatric disorder by capturing ecologically relevant features of learning and decision-making. <i>Behavioural Brain Research</i> , 2018, 355, 56-75.	1.2	40
15	Polarity of uncertainty representation during exploration and exploitation in ventromedial prefrontal cortex. <i>Nature Human Behaviour</i> , 2021, 5, 83-98.	6.2	40
16	Neural and computational mechanisms of momentary fatigue and persistence in effort-based choice. <i>Nature Communications</i> , 2021, 12, 4593.	5.8	32
17	Multiple associative structures created by reinforcement and incidental statistical learning mechanisms. <i>Nature Communications</i> , 2019, 10, 4835.	5.8	29
18	Model-free decision making is prioritized when learning to avoid harming others. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 27719-27730.	3.3	29

#	ARTICLE	IF	CITATIONS
19	Structural and resting state functional connectivity beyond the cortex. <i>NeuroImage</i> , 2021, 240, 118379.	2.1	25
20	Causal manipulation of self-other merge in the dorsomedial prefrontal cortex. <i>Neuron</i> , 2021, 109, 2353-2361.e11.	3.8	24
21	Associations of dietary markers with brain volume and connectivity: A systematic review of MRI studies. <i>Ageing Research Reviews</i> , 2021, 70, 101360.	5.0	23
22	Consistent patterns of distractor effects during decision making. <i>ELife</i> , 2020, 9, .	2.8	23
23	Increasing and decreasing interregional brain coupling increases and decreases oscillatory activity in the human brain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	15
24	Adapting non-invasive human recordings along multiple task-axes shows unfolding of spontaneous and over-trained choice. <i>ELife</i> , 2021, 10, .	2.8	11