

Marco K Wittmann

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/109962/publications.pdf>

Version: 2024-02-01

20
papers

1,412
citations

471061

17
h-index

794141

19
g-index

26
all docs

26
docs citations

26
times ranked

1520
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | A neuroscientific perspective on the computational theory of social groups. Behavioral and Brain Sciences, 2022, 45, . | 0.4 | 0 |
| 2 | Polarity of uncertainty representation during exploration and exploitation in ventromedial prefrontal cortex. Nature Human Behaviour, 2021, 5, 83-98. | 6.2 | 40 |
| 3 | Identification and disruption of a neural mechanism for accumulating prospective metacognitive information prior to decision-making. Neuron, 2021, 109, 1396-1408.e7. | 3.8 | 19 |
| 4 | Ageing is associated with disrupted reinforcement learning whilst learning to help others is preserved. Nature Communications, 2021, 12, 4440. | 5.8 | 24 |
| 5 | Causal manipulation of self-other mergence in the dorsomedial prefrontal cortex. Neuron, 2021, 109, 2353-2361.e11. | 3.8 | 24 |
| 6 | Ultrasound modulation of macaque prefrontal cortex selectively alters credit assignment-related activity and behavior. Science Advances, 2021, 7, eabg7700. | 4.7 | 27 |
| 7 | Global reward state affects learning and activity in raphe nucleus and anterior insula in monkeys. Nature Communications, 2020, 11, 3771. | 5.8 | 49 |
| 8 | Multiple associative structures created by reinforcement and incidental statistical learning mechanisms. Nature Communications, 2019, 10, 4835. | 5.8 | 29 |
| 9 | Neural Mechanisms of Social Cognition in Primates. Annual Review of Neuroscience, 2018, 41, 99-118. | 5.0 | 82 |
| 10 | Neural mechanisms for learning self and other ownership. Nature Communications, 2018, 9, 4747. | 5.8 | 61 |
| 11 | Ventral anterior cingulate cortex and social decision-making. Neuroscience and Biobehavioral Reviews, 2018, 92, 187-191. | 2.9 | 76 |
| 12 | Simultaneous representation of a spectrum of dynamically changing value estimates during decision making. Nature Communications, 2017, 8, 1942. | 5.8 | 66 |
| 13 | Inverted activity patterns in ventromedial prefrontal cortex during value-guided decision-making in a less-is-more task. Nature Communications, 2017, 8, 1886. | 5.8 | 44 |
| 14 | Predictive decision making driven by multiple time-linked reward representations in the anterior cingulate cortex. Nature Communications, 2016, 7, 12327. | 5.8 | 111 |
| 15 | Value, search, persistence and model updating in anterior cingulate cortex. Nature Neuroscience, 2016, 19, 1280-1285. | 7.1 | 357 |
| 16 | Self-Other Mergence in the Frontal Cortex during Cooperation and Competition. Neuron, 2016, 91, 482-493. | 3.8 | 115 |
| 17 | The Good, the Bad, and the Irrelevant: Neural Mechanisms of Learning Real and Hypothetical Rewards and Effort. Journal of Neuroscience, 2015, 35, 11233-11251. | 1.7 | 74 |
| 18 | Objects tell us what action we can expect: dissociating brain areas for retrieval and exploitation of action knowledge during action observation in fMRI. Frontiers in Psychology, 2014, 5, 636. | 1.1 | 43 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Multiple Neural Mechanisms of Decision Making and Their Competition under Changing Risk Pressure. <i>Neuron</i> , 2014, 81, 1190-1202. | 3.8 | 154 |
| 20 | Olfactory Sensor Processing in Neural Networks: Lessons from Modeling the Fruit Fly Antennal Lobe. <i>Frontiers in Neuroengineering</i> , 2012, 5, 2. | 4.8 | 7 |