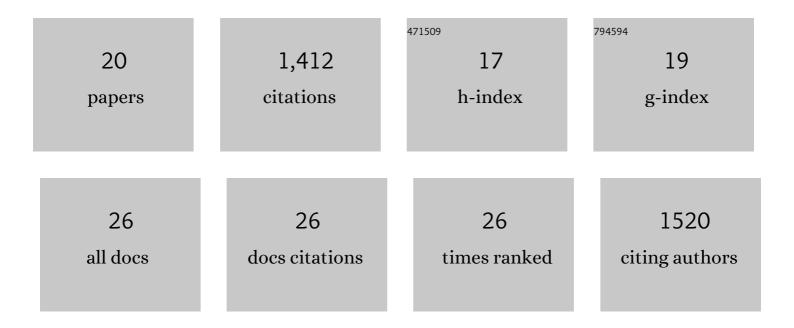
## Marco K Wittmann

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/109962/publications.pdf Version: 2024-02-01



| #  | Article  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | Value, search, persistence and model updating in anterior cingulate cortex. Nature Neuroscience, 2016, 19, 1280-1285.  | 14.8 | 357       |
| 2  | Multiple Neural Mechanisms of Decision Making and Their Competition under Changing Risk Pressure.<br>Neuron, 2014, 81, 1190-1202.  | 8.1  | 154       |
| 3  | Self-Other Mergence in the Frontal Cortex during Cooperation and Competition. Neuron, 2016, 91, 482-493.   | 8.1  | 115       |
| 4  | Predictive decision making driven by multiple time-linked reward representations in the anterior cingulate cortex. Nature Communications, 2016, 7, 12327.  | 12.8 | 111       |
| 5  | Neural Mechanisms of Social Cognition in Primates. Annual Review of Neuroscience, 2018, 41, 99-118.  | 10.7 | 82        |
| 6  | Ventral anterior cingulate cortex and social decision-making. Neuroscience and Biobehavioral Reviews, 2018, 92, 187-191.   | 6.1  | 76        |
| 7  | The Good, the Bad, and the Irrelevant: Neural Mechanisms of Learning Real and Hypothetical Rewards<br>and Effort. Journal of Neuroscience, 2015, 35, 11233-11251.                                | 3.6  | 74        |
| 8  | Simultaneous representation of a spectrum of dynamically changing value estimates during decision making. Nature Communications, 2017, 8, 1942.  | 12.8 | 66        |
| 9  | Neural mechanisms for learning self and other ownership. Nature Communications, 2018, 9, 4747.   | 12.8 | 61        |
| 10 | Global reward state affects learning and activity in raphe nucleus and anterior insula in monkeys.<br>Nature Communications, 2020, 11, 3771.   | 12.8 | 49        |
| 11 | Inverted activity patterns in ventromedial prefrontal cortex during value-guided decision-making in a<br>less-is-more task. Nature Communications, 2017, 8, 1886.                                | 12.8 | 44        |
| 12 | 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. | 2.1  | 43        |
| 13 | Polarity of uncertainty representation during exploration and exploitation in ventromedial prefrontal cortex. Nature Human Behaviour, 2021, 5, 83-98.  | 12.0 | 40        |
| 14 | Multiple associative structures created by reinforcement and incidental statistical learning mechanisms. Nature Communications, 2019, 10, 4835.  | 12.8 | 29        |
| 15 | Ultrasound modulation of macaque prefrontal cortex selectively alters credit assignment–related activity and behavior. Science Advances, 2021, 7, eabg7700.                                      | 10.3 | 27        |
| 16 | Ageing is associated with disrupted reinforcement learning whilst learning to help others is preserved. Nature Communications, 2021, 12, 4440.   | 12.8 | 24        |
| 17 | Causal manipulation of self-other mergence in the dorsomedial prefrontal cortex. Neuron, 2021, 109, 2353-2361.e11.   | 8.1  | 24        |
| 18 | Identification and disruption of a neural mechanism for accumulating prospective metacognitive information prior to decision-making. Neuron, 2021, 109, 1396-1408.e7.                            | 8.1  | 19        |

| #  | Article  | IF  | CITATIONS |
|----|--|-----|-----------|
| 19 | Olfactory Sensor Processing in Neural Networks: Lessons from Modeling the Fruit Fly Antennal Lobe.<br>Frontiers in Neuroengineering, 2012, 5, 2. | 4.8 | 7         |
| 20 | A neuroscientific perspective on the computational theory of social groups. Behavioral and Brain Sciences, 2022, 45, .                           | 0.7 | 0         |