

# Marcelo G Mattar

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8761967/publications.pdf>

Version: 2024-02-01

21  
papers

1,291  
citations

516710

16  
h-index

713466

21  
g-index

28  
all docs

28  
docs citations

28  
times ranked

1576  
citing authors

#	ARTICLE	IF	CITATIONS
1	The temporal dynamics of opportunity costs: A normative account of cognitive fatigue and boredom.. Psychological Review, 2022, 129, 564-585.	3.8	30
2	Planning in the brain. Neuron, 2022, 110, 914-934.	8.1	37
3	Experience replay is associated with efficient nonlocal learning. Science, 2021, 372, .	12.6	83
4	Patterns of Neural Oscillations in Emotional Memory Discrimination. Neuron, 2019, 102, 715-717.	8.1	1
5	Effective learning is accompanied by high-dimensional and efficient representations of neural activity. Nature Neuroscience, 2019, 22, 1000-1009.	14.8	27
6	Reward prediction error does not explain movement selectivity in DMS-projecting dopamine neurons. ELife, 2019, 8, .	6.0	45
7	Predicting future learning from baseline network architecture. NeuroImage, 2018, 172, 107-117.	4.2	52
8	Brain state flexibility accompanies motor-skill acquisition. NeuroImage, 2018, 171, 135-147.	4.2	47
9	Beyond modularity: Fine-scale mechanisms and rules for brain network reconfiguration. NeuroImage, 2018, 166, 385-399.	4.2	42
10	The network architecture of value learning. Network Neuroscience, 2018, 2, 128-149.	2.6	15
11	Individual differences in response precision correlate with adaptation bias. Journal of Vision, 2018, 18, 18.	0.3	6
12	Prioritized memory access explains planning and hippocampal replay. Nature Neuroscience, 2018, 21, 1609-1617.	14.8	221
13	Adaptation decorrelates shape representations. Nature Communications, 2018, 9, 3812.	12.8	9
14	Optimal trajectories of brain state transitions. NeuroImage, 2017, 148, 305-317.	4.2	143
15	A Network Neuroscience of Human Learning: Potential to Inform Quantitative Theories of Brain and Behavior. Trends in Cognitive Sciences, 2017, 21, 250-264.	7.8	78
16	Structural Pathways Supporting Swift Acquisition of New Visuomotor Skills. Cerebral Cortex, 2017, 27, 173-184.	2.9	23
17	The energy landscape underpinning module dynamics in the human brain connectome. NeuroImage, 2017, 157, 364-380.	4.2	53
18	Functional Network Dynamics of the Language System. Cerebral Cortex, 2016, 26, 4148-4159.	2.9	155

#	ARTICLE	IF	CITATIONS
19	The flexible brain. Brain, 2016, 139, 2110-2112.	7.6	31
20	Varying Timescales of Stimulus Integration Unite Neural Adaptation and Prototype Formation. Current Biology, 2016, 26, 1669-1676.	3.9	28
21	A Functional Cartography of Cognitive Systems. PLoS Computational Biology, 2015, 11, e1004533.	3.2	137