

# Matthias J Gruber

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3714234/publications.pdf>

Version: 2024-02-01

16  
papers

1,398  
citations

933447

10  
h-index

1058476

14  
g-index

27  
all docs

27  
docs citations

27  
times ranked

1329  
citing authors

#	ARTICLE	IF	CITATIONS
1	States of curiosity and interest enhance memory differently in adolescents and in children. <i>Developmental Science</i> , 2021, 24, e13005.	2.4	35
2	Temporal proximity to the elicitation of curiosity is key for enhancing memory for incidental information. <i>Learning and Memory</i> , 2021, 28, 34-39.	1.3	13
3	Curiosity in childhood and adolescence “what can we learn from the brain. <i>Current Opinion in Behavioral Sciences</i> , 2021, 39, 178-184.	3.9	10
4	Anticipation of novel environments enhances memory for incidental information. <i>Learning and Memory</i> , 2021, 28, 254-259.	1.3	4
5	How Curiosity Enhances Hippocampus-Dependent Memory: The Prediction, Appraisal, Curiosity, and Exploration (PACE) Framework. <i>Trends in Cognitive Sciences</i> , 2019, 23, 1014-1025.	7.8	124
6	Curiosity and Learning. , 2019, , 397-417.		20
7	Alpha Oscillations during Incidental Encoding Predict Subsequent Memory for New “Foils” Information. <i>Journal of Cognitive Neuroscience</i> , 2018, 30, 667-679.	2.3	11
8	Learning facts during aging: the benefits of curiosity. <i>Experimental Aging Research</i> , 2018, 44, 311-328.	1.2	31
9	Theta Phase Synchronization between the Human Hippocampus and Prefrontal Cortex Increases during Encoding of Unexpected Information: A Case Study. <i>Journal of Cognitive Neuroscience</i> , 2018, 30, 1646-1656.	2.3	37
10	Curiosity-driven memory enhancement persists over time but does not benefit from post-learning sleep. <i>Cognitive Neuroscience</i> , 2018, 9, 100-115.	1.4	29
11	Post-learning Hippocampal Dynamics Promote Preferential Retention of Rewarding Events. <i>Neuron</i> , 2016, 89, 1110-1120.	8.1	157
12	Hippocampal Activity Patterns Carry Information about Objects in Temporal Context. <i>Neuron</i> , 2014, 81, 1165-1178.	8.1	307
13	States of Curiosity Modulate Hippocampus-Dependent Learning via the Dopaminergic Circuit. <i>Neuron</i> , 2014, 84, 486-496.	8.1	411
14	Expected reward modulates encoding-related theta activity before an event. <i>NeuroImage</i> , 2013, 64, 68-74.	4.2	85
15	When Anticipation Aids Long-Term Memory: What Cognitive and Neural Processes Are Involved?. <i>Journal of Neuroscience</i> , 2011, 31, 4355-4356.	3.6	0
16	Voluntary Control over Prestimulus Activity Related to Encoding. <i>Journal of Neuroscience</i> , 2010, 30, 9793-9800.	3.6	101