

# Daniel S Rizzuto

## List of Publications by Year in descending order

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27  
papers

2,534  
citations

304743

22  
h-index

526287

27  
g-index

28  
all docs

28  
docs citations

28  
times ranked

2700  
citing authors

#	ARTICLE	IF	CITATIONS
1	Gating of Human Theta Oscillations by a Working Memory Task. <i>Journal of Neuroscience</i> , 2001, 21, 3175-3183.	3.6	683
2	Closed-loop stimulation of temporal cortex rescues functional networks and improves memory. <i>Nature Communications</i> , 2018, 9, 365.	12.8	248
3	Direct Brain Stimulation Modulates Encoding States and Memory Performance in Humans. <i>Current Biology</i> , 2017, 27, 1251-1258.	3.9	207
4	Direct Electrical Stimulation of the Human Entorhinal Region and Hippocampus Impairs Memory. <i>Neuron</i> , 2016, 92, 983-990.	8.1	181
5	Human neocortical oscillations exhibit theta phase differences between encoding and retrieval. <i>NeuroImage</i> , 2006, 31, 1352-1358.	4.2	117
6	Theta band power increases in the posterior hippocampus predict successful episodic memory encoding in humans. <i>Hippocampus</i> , 2017, 27, 1040-1053.	1.9	89
7	Dynamic Theta Networks in the Human Medial Temporal Lobe Support Episodic Memory. <i>Current Biology</i> , 2019, 29, 1100-1111.e4.	3.9	85
8	Interictal epileptiform discharges impair word recall in multiple brain areas. <i>Epilepsia</i> , 2017, 58, 373-380.	5.1	84
9	Evidence for verbal memory enhancement with electrical brain stimulation in the lateral temporal cortex. <i>Brain</i> , 2018, 141, 971-978.	7.6	80
10	Dissecting gamma frequency activity during human memory processing. <i>Brain</i> , 2017, 140, 1337-1350.	7.6	76
11	An Autoassociative Neural Network Model of Paired-Associate Learning. <i>Neural Computation</i> , 2001, 13, 2075-2092.	2.2	74
12	The effects of direct brain stimulation in humans depend on frequency, amplitude, and white-matter proximity. <i>Brain Stimulation</i> , 2020, 13, 1183-1195.	1.6	73
13	Evolving Applications, Technological Challenges and Future Opportunities in Neuromodulation: Proceedings of the Fifth Annual Deep Brain Stimulation Think Tank. <i>Frontiers in Neuroscience</i> , 2017, 11, 734.	2.8	65
14	Electrophysiological Signatures of Spatial Boundaries in the Human Subiculum. <i>Journal of Neuroscience</i> , 2018, 38, 3265-3272.	3.6	55
15	Similar patterns of neural activity predict memory function during encoding and retrieval. <i>NeuroImage</i> , 2017, 155, 60-71.	4.2	52
16	Neural activity reveals interactions between episodic and semantic memory systems during retrieval.. <i>Journal of Experimental Psychology: General</i> , 2019, 148, 1-12.	2.1	51
17	Functional control of electrophysiological network architecture using direct neurostimulation in humans. <i>Network Neuroscience</i> , 2019, 3, 848-877.	2.6	49
18	Spatial selectivity in human ventrolateral prefrontal cortex. <i>Nature Neuroscience</i> , 2005, 8, 415-417.	14.8	42

#	ARTICLE	IF	CITATIONS
19	Electrical Stimulation Modulates High $\hat{\nu}^3$ Activity and Human Memory Performance. <i>ENeuro</i> , 2018, 5, ENEURO.0369-17.2018.	1.9	41
20	Theoretical Correlations and Measured Correlations: Relating Recognition and Recall in Four Distributed Memory Models.. <i>Journal of Experimental Psychology: Learning Memory and Cognition</i> , 2005, 31, 933-953.	0.9	40
21	Ripple oscillations in the left temporal neocortex are associated with impaired verbal episodic memory encoding. <i>Epilepsy and Behavior</i> , 2018, 88, 33-40.	1.7	30
22	Temporal associative processes revealed by intrusions in paired-associate recall. <i>Psychonomic Bulletin and Review</i> , 2008, 15, 64-69.	2.8	28
23	Human Verbal Memory Encoding Is Hierarchically Distributed in a Continuous Processing Stream. <i>ENeuro</i> , 2019, 6, ENEURO.0214-18.2018.	1.9	21
24	Theta-burst stimulation entrains frequency-specific oscillatory responses. <i>Brain Stimulation</i> , 2021, 14, 1271-1284.	1.6	20
25	Mental State Estimation for Brain-Computer Interfaces. <i>IEEE Transactions on Biomedical Engineering</i> , 2009, 56, 2114-2122.	4.2	19
26	Direct brain stimulation during episodic memory. <i>Current Opinion in Biomedical Engineering</i> , 2018, 8, 78-83.	3.4	16
27	Proximity of Substantia Nigra Microstimulation to Putative GABAergic Neurons Predicts Modulation of Human Reinforcement Learning. <i>Frontiers in Human Neuroscience</i> , 2017, 11, 200.	2.0	6