

Michael M Yartsev

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7637202/publications.pdf>

Version: 2024-02-01

25
papers

1,844
citations

567281

15
h-index

580821

25
g-index

30
all docs

30
docs citations

30
times ranked

2003
citing authors

#	ARTICLE	IF	CITATIONS
1	A unifying mechanism governing inter-brain neural relationship during social interactions. <i>ELife</i> , 2022, 11, .	6.0	3
2	A stable hippocampal code in freely flying bats. <i>Nature</i> , 2022, 604, 98-103.	27.8	28
3	The Neural basis of Complex Spatial, Social and Acoustic Behaviors “ in Freely Behaving and Flying Bats. <i>FASEB Journal</i> , 2022, 36, .	0.5	0
4	Natural behavior is the language of the brain. <i>Current Biology</i> , 2022, 32, R482-R493.	3.9	53
5	The fully automated bat (FAB) flight room: A human-free environment for studying navigation in flying bats and its initial application to the retrosplenial cortex. <i>Journal of Neuroscience Methods</i> , 2021, 348, 108970.	2.5	6
6	Nonlocal spatiotemporal representation in the hippocampus of freely flying bats. <i>Science</i> , 2021, 373, 242-247.	12.6	24
7	Cortical representation of group social communication in bats. <i>Science</i> , 2021, 374, eaba9584.	12.6	46
8	Long-term and persistent vocal plasticity in adult bats. <i>Nature Communications</i> , 2019, 10, 3372.	12.8	21
9	Correlated Neural Activity across the Brains of Socially Interacting Bats. <i>Cell</i> , 2019, 178, 413-428.e22.	28.9	97
10	A Modular Approach to Vocal Learning: Disentangling the Diversity of a Complex Behavioral Trait. <i>Neuron</i> , 2019, 104, 87-99.	8.1	47
11	Evidence for hormonal control of heart regenerative capacity during endothermy acquisition. <i>Science</i> , 2019, 364, 184-188.	12.6	252
12	Mapping the distribution of language related genes <i>FoxP1</i> , <i>FoxP2</i> , and <i>CntnaP2</i> in the brains of vocal learning bat species. <i>Journal of Comparative Neurology</i> , 2018, 526, 1235-1266.	1.6	28
13	Nonoscillatory Phase Coding and Synchronization in the Bat Hippocampal Formation. <i>Cell</i> , 2018, 175, 1119-1130.e15.	28.9	81
14	A hierarchical anti-Hebbian network model for the formation of spatial cells in three-dimensional space. <i>Nature Communications</i> , 2018, 9, 4046.	12.8	14
15	Neuroethology of bat navigation. <i>Current Biology</i> , 2018, 28, R997-R1004.	3.9	21
16	Causal contribution and dynamical encoding in the striatum during evidence accumulation. <i>ELife</i> , 2018, 7, .	6.0	113
17	The emperor’s new wardrobe: Rebalancing diversity of animal models in neuroscience research. <i>Science</i> , 2017, 358, 466-469.	12.6	102
18	Encoding of Head Direction by Hippocampal Place Cells in Bats. <i>Journal of Neuroscience</i> , 2014, 34, 1067-1080.	3.6	82

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19	Representation of Three-Dimensional Space in the Hippocampus of Flying Bats. <i>Science</i> , 2013, 340, 367-372.	12.6	374
20	Space Bats: Multidimensional Spatial Representation in the Bat. <i>Science</i> , 2013, 342, 573-574.	12.6	5
21	Yartsev et al. reply. <i>Nature</i> , 2012, 488, E2-E2.	27.8	3
22	Grid cells without theta oscillations in the entorhinal cortex of bats. <i>Nature</i> , 2011, 479, 103-107.	27.8	376
23	Distinct or Gradually Changing Spatial and Nonspatial Representations along the Dorsoventral Axis of the Hippocampus. <i>Journal of Neuroscience</i> , 2010, 30, 7758-7760.	3.6	2
24	Pausing Purkinje cells in the cerebellum of the awake cat. <i>Frontiers in Systems Neuroscience</i> , 2009, 3, 2.	2.5	58
25	Dissociating the Effects of Past and Future on Neural Encoding of Sequences in The Hippocampus. <i>Journal of Neuroscience</i> , 2008, 28, 8383-8384.	3.6	2