

Maria Antonietta Tosches

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

1,519
citations

759233

12
h-index

839539

18
g-index

22
all docs

22
docs citations

22
times ranked

2038
citing authors

#	ARTICLE	IF	CITATIONS
1	Evolution of pallium, hippocampus, and cortical cell types revealed by single-cell transcriptomics in reptiles. <i>Science</i> , 2018, 360, 881-888.	12.6	344
2	From nerve net to nerve ring, nerve cord and brain – evolution of the nervous system. <i>Nature Reviews Neuroscience</i> , 2016, 17, 61-72.	10.2	187
3	A community-based transcriptomics classification and nomenclature of neocortical cell types. <i>Nature Neuroscience</i> , 2020, 23, 1456-1468.	14.8	183
4	Larval body patterning and apical organs are conserved in animal evolution. <i>BMC Biology</i> , 2014, 12, 7.	3.8	166
5	Melatonin Signaling Controls Circadian Swimming Behavior in Marine Zooplankton. <i>Cell</i> , 2014, 159, 46-57.	28.9	130
6	A claustrum in reptiles and its role in slow-wave sleep. <i>Nature</i> , 2020, 578, 413-418.	27.8	103
7	The reptilian brain. <i>Current Biology</i> , 2015, 25, R317-R321.	3.9	89
8	The bilaterian forebrain: an evolutionary chimaera. <i>Current Opinion in Neurobiology</i> , 2013, 23, 1080-1089.	4.2	75
9	Whole-organism cellular gene-expression atlas reveals conserved cell types in the ventral nerve cord of <i>Platynereis dumerilii</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 5878-5885.	7.1	66
10	Evolution of neuronal identity in the cerebral cortex. <i>Current Opinion in Neurobiology</i> , 2019, 56, 199-208.	4.2	50
11	Developmental and genetic mechanisms of neural circuit evolution. <i>Developmental Biology</i> , 2017, 431, 16-25.	2.0	45
12	From Cell Types to an Integrated Understanding of Brain Evolution: The Case of the Cerebral Cortex. <i>Annual Review of Cell and Developmental Biology</i> , 2021, 37, 495-517.	9.4	18
13	Spatial tissue profiling by imaging-free molecular tomography. <i>Nature Biotechnology</i> , 2021, 39, 968-977.	17.5	16
14	From spiral cleavage to bilateral symmetry: the developmental cell lineage of the annelid brain. <i>BMC Biology</i> , 2019, 17, 81.	3.8	14
15	Different origins for similar brain circuits. <i>Science</i> , 2021, 371, 676-677.	12.6	10
16	Update on forebrain evolution: From neurogenesis to thermogenesis. <i>Seminars in Cell and Developmental Biology</i> , 2018, 76, 15-22.	5.0	8