

Maria Antonietta Tosches

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

17 papers	889 citations	11 h-index	22 g-index
22 ext. papers	1,261 ext. citations	19.8 avg, IF	4.81 L-index

#	Paper	IF	Citations
17	Spatial tissue profiling by imaging-free molecular tomography. <i>Nature Biotechnology</i> , 2021 , 39, 968-977	44.5	5
16	Different origins for similar brain circuits. <i>Science</i> , 2021 , 371, 676-677	33.3	6
15	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	12.6	4
14	A claustrum in reptiles and its role in slow-wave sleep. <i>Nature</i> , 2020 , 578, 413-418	50.4	44
13	A community-based transcriptomics classification and nomenclature of neocortical cell types. <i>Nature Neuroscience</i> , 2020 , 23, 1456-1468	25.5	76
12	From spiral cleavage to bilateral symmetry: the developmental cell lineage of the annelid brain. <i>BMC Biology</i> , 2019 , 17, 81	7.3	7
11	Evolution of neuronal identity in the cerebral cortex. <i>Current Opinion in Neurobiology</i> , 2019 , 56, 199-208	7.6	28
10	Evolution of pallium, hippocampus, and cortical cell types revealed by single-cell transcriptomics in reptiles. <i>Science</i> , 2018 , 360, 881-888	33.3	192
9	Update on forebrain evolution: From neurogenesis to thermogenesis. <i>Seminars in Cell and Developmental Biology</i> , 2018 , 28, 15-22	7.5	5
8	Developmental and genetic mechanisms of neural circuit evolution. <i>Developmental Biology</i> , 2017 , 431, 16-25	3.1	27
7	Whole-organism cellular gene-expression atlas reveals conserved cell types in the ventral nerve cord of. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, 5878-5885	11.5	41
6	From nerve net to nerve ring, nerve cord and brain--evolution of the nervous system. <i>Nature Reviews Neuroscience</i> , 2016 , 17, 61-72	13.5	124
5	The reptilian brain. <i>Current Biology</i> , 2015 , 25, R317-21	6.3	58
4	Larval body patterning and apical organs are conserved in animal evolution. <i>BMC Biology</i> , 2014 , 12, 7	7.3	119
3	Melatonin signaling controls circadian swimming behavior in marine zooplankton. <i>Cell</i> , 2014 , 159, 46-57	56.2	86
2	The bilaterian forebrain: an evolutionary chimaera. <i>Current Opinion in Neurobiology</i> , 2013 , 23, 1080-9	7.6	63
1	Spatial tissue profiling by imaging-free molecular tomography		1

