Maria Antonietta Tosches

List of Publications by Citations

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	Evolution of pallium, hippocampus, and cortical cell types revealed by single-cell transcriptomics in reptiles. *Science*, **2018**, 360, 881-888	33.3	192
16	From nerve net to nerve ring, nerve cord and brain--evolution of the nervous system. *Nature Reviews Neuroscience*, **2016**, 17, 61-72	13.5	124
15	Larval body patterning and apical organs are conserved in animal evolution. *BMC Biology*, **2014**, 12, 7	7.3	119
14	Melatonin signaling controls circadian swimming behavior in marine zooplankton. *Cell*, **2014**, 159, 46-57	56.2	86
13	A community-based transcriptomics classification and nomenclature of neocortical cell types. *Nature Neuroscience*, **2020**, 23, 1456-1468	25.5	76
12	The bilaterian forebrain: an evolutionary chimaera. *Current Opinion in Neurobiology*, **2013**, 23, 1080-9	7.6	63
11	The reptilian brain. *Current Biology*, **2015**, 25, R317-21	6.3	58
10	A claustrum in reptiles and its role in slow-wave sleep. *Nature*, **2020**, 578, 413-418	50.4	44
9	Whole-organism cellular gene-expression atlas reveals conserved cell types in the ventral nerve cord of. *Proceedings of the National Academy of Sciences of the United States of America*, **2017**, 114, 5878-5885	11.5	41
8	Evolution of neuronal identity in the cerebral cortex. *Current Opinion in Neurobiology*, **2019**, 56, 199-208	7.6	28
7	Developmental and genetic mechanisms of neural circuit evolution. *Developmental Biology*, **2017**, 431, 16-25	3.1	27
6	From spiral cleavage to bilateral symmetry: the developmental cell lineage of the annelid brain. *BMC Biology*, **2019**, 17, 81	7.3	7
5	Different origins for similar brain circuits. *Science*, **2021**, 371, 676-677	33.3	6
4	Update on forebrain evolution: From neurogenesis to thermogenesis. *Seminars in Cell and Developmental Biology*, **2018**, 76, 15-22	7.5	5
3	Spatial tissue profiling by imaging-free molecular tomography. *Nature Biotechnology*, **2021**, 39, 968-977	44.5	5
2	From Cell Types to an Integrated Understanding of Brain Evolution: The Case of the Cerebral Cortex. *Annual Review of Cell and Developmental Biology*, **2021**, 37, 495-517	12.6	4
1	Spatial tissue profiling by imaging-free molecular tomography		1