Giorgia Quadrato

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/7524264/publications.pdf

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23 papers	2,916 citations	471509 17 h-index	677142 22 g-index
26 all docs	26 docs citations	26 times ranked	4529 citing authors

#	Article	IF	Citations
1	Cell diversity and network dynamics in photosensitive human brain organoids. Nature, 2017, 545, 48-53.	27.8	933
2	Individual brain organoids reproducibly form cell diversity of the human cerebral cortex. Nature, 2019, 570, 523-527.	27.8	649
3	Direct cellâ€“cell contact with the vascular niche maintains quiescent neural stem cells. Nature Cell Biology, 2014, 16, 1045-1056.	10.3	243
4	The promises and challenges of human brain organoids as models of neuropsychiatric disease. Nature Medicine, 2016, 22, 1220-1228.	30.7	224
5	Autism genes converge on asynchronous development of shared neuron classes. Nature, 2022, 602, 268-273.	27.8	180
6	Impaired Adult Neurogenesis Associated with Short-Term Memory Defects in NF-Î²B p50-Deficient Mice. Journal of Neuroscience, 2008, 28, 3911-3919.	3.6	126
7	Present and future of modeling human brain development in 3D organoids. Current Opinion in Cell Biology, 2017, 49, 47-52.	5.4	88
8	Upgrading the Physiological Relevance of Human Brain Organoids. Neuron, 2020, 107, 1014-1028.	8.1	55
9	Nuclear factor of activated T cells (NFATc4) is required for BDNF-dependent survival of adult-born neurons and spatial memory formation in the hippocampus. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, E1499-508.	7.1	51
10	The MDM4/MDM2-p53-IGF1 axis controls axonal regeneration, sprouting and functional recovery after CNS injury. Brain, 2015, 138, 1843-1862.	7.6	49
11	p53 Regulates the Neuronal Intrinsic and Extrinsic Responses Affecting the Recovery of Motor Function following Spinal Cord Injury. Journal of Neuroscience, 2012, 32, 13956-13970.	3.6	47
12	Constitutive activity of cannabinoidâ€2 (CB₂) receptors plays an essential role in the protean agonism of (+)AM1241 and L768242. British Journal of Pharmacology, 2009, 158, 382-391.	5.4	46
13	The Tumor Suppressor p53 Fine-Tunes Reactive Oxygen Species Levels and Neurogenesis via PI3 Kinase Signaling. Journal of Neuroscience, 2013, 33, 14318-14330.	3.6	40
14	Modulation of GABAA Receptor Signaling Increases Neurogenesis and Suppresses Anxiety through NFATc4. Journal of Neuroscience, 2014, 34, 8630-8645.	3.6	39
15	Studying the Brain in a Dish: 3D Cell Culture Models of Human Brain Development and Disease. Current Topics in Developmental Biology, 2018, 129, 99-122.	2.2	27
16	Gatekeeper Between Quiescence and Differentiation. International Review of Neurobiology, 2012, 105, 71-89.	2.0	25
17	Adult neurogenesis in brain repair: cellular plasticity vs. cellular replacement. Frontiers in Neuroscience, 2014, 8, 17.	2.8	25
18	Waking up the sleepers: shared transcriptional pathways in axonal regeneration and neurogenesis. Cellular and Molecular Life Sciences, 2013, 70, 993-1007.	5.4	18

#	Article	IF	Citations
19	Taming human brain organoids one cell at a time. Seminars in Cell and Developmental Biology, 2021, 111, 23-31.	5.0	14
20	Neural Regeneration: Lessons from Regenerating and Non-regenerating Systems. Molecular Neurobiology, 2012, 46, 227-241.	4.0	12
21	Stressed out? Healing Tips for Newly Reprogrammed Neurons. Cell Stem Cell, 2016, 18, 297-299.	11.1	5
22	Guiding human development in a dish. Nature Methods, 2019, 16, 585-586.	19.0	1
23	Not all cortical organoids are created equal. Nature Cell Biology, 2022, 24, 805-806.	10.3	0