

Fikri Birey

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

2,404
citations

933447

10
h-index

1199594

12
g-index

16
all docs

16
docs citations

16
times ranked

3277
citing authors

#	ARTICLE	IF	CITATIONS
1	Dissecting the molecular basis of human interneuron migration in forebrain assembloids from Timothy syndrome. <i>Cell Stem Cell</i> , 2022, 29, 248-264.e7.	11.1	61
2	Imaging neuronal migration and network activity in human forebrain assembloids. <i>STAR Protocols</i> , 2022, 3, 101478.	1.2	2
3	Primate cell fusion disentangles gene regulatory divergence in neurodevelopment. <i>Nature</i> , 2021, 592, 421-427.	27.8	52
4	Generation of human striatal organoids and cortico-striatal assembloids from human pluripotent stem cells. <i>Nature Biotechnology</i> , 2020, 38, 1421-1430.	17.5	206
5	Genetically targeted chemical assembly of functional materials in living cells, tissues, and animals. <i>Science</i> , 2020, 367, 1372-1376.	12.6	132
6	Generation and assembly of human brain region-specific three-dimensional cultures. <i>Nature Protocols</i> , 2018, 13, 2062-2085.	12.0	262
7	Nondestructive nanostraw intracellular sampling for longitudinal cell monitoring. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E1866-E1874.	7.1	124
8	Assembly of functionally integrated human forebrain spheroids. <i>Nature</i> , 2017, 545, 54-59.	27.8	931
9	Human Astrocyte Maturation Captured in 3D Cerebral Cortical Spheroids Derived from Pluripotent Stem Cells. <i>Neuron</i> , 2017, 95, 779-790.e6.	8.1	436
10	50. Roles of Oligodendrocyte Precursor Cells in Brain Physiology. <i>Biological Psychiatry</i> , 2017, 81, S21.	1.3	0
11	ISDN2014_0354: The proliferation, lineage and regenerative potential of heterogeneous NG2 ⁺ glia cells in the adult cerebral cortex are regulated by continuous environmental cues. <i>International Journal of Developmental Neuroscience</i> , 2015, 47, 107-107.	1.6	0
12	Age-Dependent Netrin-1 Signaling Regulates NG2 ⁺ Glial Cell Spatial Homeostasis in Normal Adult Gray Matter. <i>Journal of Neuroscience</i> , 2015, 35, 6946-6951.	3.6	31
13	Genetic and Stress-Induced Loss of NG2 Glia Triggers Emergence of Depressive-like Behaviors through Reduced Secretion of FGF2. <i>Neuron</i> , 2015, 88, 941-956.	8.1	158
14	Generation and Assembly of Forebrain Spheroids. <i>Protocol Exchange</i> , 0, , .	0.3	1