Aparna Bhaduri

List of Publications by Year
in descending order

40 papers	7,928 citations	186265 28 h-index	302126 39 g-index
48 all docs	48 docs citations	48 times ranked	13412 citing authors

#	Article	IF	Citations
1	Mounting evidence suggests human adult neurogenesis is unlikely. Neuron, 2022, 110, 353-355.	8.1	8
2	Evaluation of advances in cortical development using model systems. Developmental Neurobiology, 2022, 82, 408-427.	3.0	1
3	Single-cell atlas of early human brain development highlights heterogeneity of human neuroepithelial cells and early radial glia. Nature Neuroscience, 2021, 24, 584-594.	14.8	244
4	Human intermediate progenitor diversity during cortical development. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	41
5	UCSC Cell Browser: visualize your single-cell data. Bioinformatics, 2021, 37, 4578-4580.	4.1	105
6	An atlas of cortical arealization identifies dynamic molecular signatures. Nature, 2021, 598, 200-204.	27.8	132
7	Identification of Lipid Heterogeneity and Diversity in the Developing Human Brain. Jacs Au, 2021, 1, 2261-2270.	7.9	23
8	Cortical Cartography: Mapping Arealization Using Single-Cell Omics Technology. Frontiers in Neural Circuits, 2021, 15, 788560.	2.8	5
9	Outer Radial Glia-like Cancer Stem Cells Contribute to Heterogeneity of Glioblastoma. Cell Stem Cell, 2020, 26, 48-63.e6.	11.1	222
10	Single-Cell Analyses Identify Brain Mural Cells Expressing CD19 as Potential Off-Tumor Targets for CAR-T Immunotherapies. Cell, 2020, 183, 126-142.e17.	28.9	269
11	Origins and Proliferative States of Human Oligodendrocyte Precursor Cells. Cell, 2020, 182, 594-608.e11.	28.9	110
12	Are Organoids Ready for Prime Time?. Cell Stem Cell, 2020, 27, 361-365.	11.1	24
13	Human neurogenesis. , 2020, , 751-767.		0
14	Multimodal Analysis of Composition and Spatial Architecture in Human Squamous Cell Carcinoma. Cell, 2020, 182, 497-514.e22.	28.9	508
15	Large-Scale Exome Sequencing Study Implicates Both Developmental and Functional Changes in the Neurobiology of Autism. Cell, 2020, 180, 568-584.e23.	28.9	1,422
16	Cell stress in cortical organoids impairs molecular subtype specification. Nature, 2020, 578, 142-148.	27.8	387
17	Cortical Neural Stem Cell Lineage Progression Is Regulated by Extrinsic Signaling Molecule Sonic Hedgehog. Cell Reports, 2020, 30, 4490-4504.e4.	6.4	45
18	Rapid deployment of SARS-CoV-2 testing: The CLIAHUB. PLoS Pathogens, 2020, 16, e1008966.	4.7	18

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19	Neuronal vulnerability and multilineage diversity in multiple sclerosis. Nature, 2019, 573, 75-82.	27.8	385
20	Development and Arealization of the Cerebral Cortex. Neuron, 2019, 103, 980-1004.	8.1	241
21	Shared and derived features of cellular diversity in the human cerebral cortex. Current Opinion in Neurobiology, 2019, 56, 117-124.	4.2	61
22	Neuroserpin expression during human brain development and in adult brain revealed by immunohistochemistry and single cell <scp>RNA</scp> sequencing. Journal of Anatomy, 2019, 235, 543-554.	1.5	28
23	Single-cell genomics identifies cell typeâ€"specific molecular changes in autism. Science, 2019, 364, 685-689.	12.6	600
24	Establishing Cerebral Organoids as Models of Human-Specific Brain Evolution. Cell, 2019, 176, 743-756.e17.	28.9	423
25	Multimodal Single-Cell Analysis Reveals Physiological Maturation in the Developing Human Neocortex. Neuron, 2019, 102, 143-158.e7.	8.1	61
26	The Functional Proximal Proteome of Oncogenic Ras Includes mTORC2. Molecular Cell, 2019, 73, 830-844.e12.	9.7	104
27	Cancer-Associated Long Noncoding RNA SMRT-2 Controls Epidermal Differentiation. Journal of Investigative Dermatology, 2018, 138, 1445-1449.	0.7	13
28	Identification of cell types in a mouse brain single-cell atlas using low sampling coverage. BMC Biology, 2018, 16, 113.	3.8	15
29	Single-cell sequencing paints diverse pictures of the brain. Nature, 2018, 563, 38-39.	27.8	3
30	Next-generation sequencing of idiopathic multicentric and unicentric Castleman disease and follicular dendritic cell sarcomas. Blood Advances, 2018, 2, 481-491.	5.2	41
31	Human-Specific NOTCH2NL Genes Affect Notch Signaling and Cortical Neurogenesis. Cell, 2018, 173, 1356-1369.e22.	28.9	366
32	Spatiotemporal gene expression trajectories reveal developmental hierarchies of the human cortex. Science, 2017, 358, 1318-1323.	12.6	717
33	Single-cell profiling of human gliomas reveals macrophage ontogeny as a basis for regional differences in macrophage activation in the tumor microenvironment. Genome Biology, 2017, 18, 234.	8.8	448
34	A study of the mutational landscape of pediatric-type follicular lymphoma and pediatric nodal marginal zone lymphoma. Modern Pathology, 2016, 29, 1212-1220.	5.5	46
35	The noncoding RNAs SNORD50A and SNORD50B bind K-Ras and are recurrently deleted in human cancer. Nature Genetics, 2016, 48, 53-58.	21.4	143
36	Genomic analysis of mycosis fungoides and SÃ©zary syndrome identifies recurrent alterations in TNFR2. Nature Genetics, 2015, 47, 1056-1060.	21.4	242

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37	Network Analysis Identifies Mitochondrial Regulation of Epidermal Differentiation by MPZL3 and FDXR. Developmental Cell, 2015, 35, 444-457.	7.0	50
38	Quantitative analysis of mammalian translation initiation sites by <scp>FACS</scp>â€seq. Molecular Systems Biology, 2014, 10, 748.	7.2	158
39	Recurrent point mutations in the kinetochore gene KNSTRN in cutaneous squamous cell carcinoma. Nature Genetics, 2014, 46, 1060-1062.	21.4	125
40	Product Profile of PEN3: The Last Unexamined Oxidosqualene Cyclase in Arabidopsis thaliana. Organic Letters, 2009, 11, 2627-2630.	4.6	42