

Aparna Bhaduri

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

7,928
citations

186265
28
h-index

302126
39
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48
all docs

48
docs citations

48
times ranked

13412
citing authors

#	ARTICLE	IF	CITATIONS
1	Large-Scale Exome Sequencing Study Implicates Both Developmental and Functional Changes in the Neurobiology of Autism. <i>Cell</i> , 2020, 180, 568-584.e23.	28.9	1,422
2	Spatiotemporal gene expression trajectories reveal developmental hierarchies of the human cortex. <i>Science</i> , 2017, 358, 1318-1323.	12.6	717
3	Single-cell genomics identifies cell type-specific molecular changes in autism. <i>Science</i> , 2019, 364, 685-689.	12.6	600
4	Multimodal Analysis of Composition and Spatial Architecture in Human Squamous Cell Carcinoma. <i>Cell</i> , 2020, 182, 497-514.e22.	28.9	508
5	Single-cell profiling of human gliomas reveals macrophage ontogeny as a basis for regional differences in macrophage activation in the tumor microenvironment. <i>Genome Biology</i> , 2017, 18, 234.	8.8	448
6	Establishing Cerebral Organoids as Models of Human-Specific Brain Evolution. <i>Cell</i> , 2019, 176, 743-756.e17.	28.9	423
7	Cell stress in cortical organoids impairs molecular subtype specification. <i>Nature</i> , 2020, 578, 142-148.	27.8	387
8	Neuronal vulnerability and multilineage diversity in multiple sclerosis. <i>Nature</i> , 2019, 573, 75-82.	27.8	385
9	Human-Specific NOTCH2NL Genes Affect Notch Signaling and Cortical Neurogenesis. <i>Cell</i> , 2018, 173, 1356-1369.e22.	28.9	366
10	Single-Cell Analyses Identify Brain Mural Cells Expressing CD19 as Potential Off-Tumor Targets for CAR-T Immunotherapies. <i>Cell</i> , 2020, 183, 126-142.e17.	28.9	269
11	Single-cell atlas of early human brain development highlights heterogeneity of human neuroepithelial cells and early radial glia. <i>Nature Neuroscience</i> , 2021, 24, 584-594.	14.8	244
12	Genomic analysis of mycosis fungoides and S��zary syndrome identifies recurrent alterations in TNFR2. <i>Nature Genetics</i> , 2015, 47, 1056-1060.	21.4	242
13	Development and Arealization of the Cerebral Cortex. <i>Neuron</i> , 2019, 103, 980-1004.	8.1	241
14	Outer Radial Glia-like Cancer Stem Cells Contribute to Heterogeneity of Glioblastoma. <i>Cell Stem Cell</i> , 2020, 26, 48-63.e6.	11.1	222
15	Quantitative analysis of mammalian translation initiation sites by <sc>FACS</sc>-seq. <i>Molecular Systems Biology</i> , 2014, 10, 748.	7.2	158
16	The noncoding RNAs SNORD50A and SNORD50B bind K-Ras and are recurrently deleted in human cancer. <i>Nature Genetics</i> , 2016, 48, 53-58.	21.4	143
17	An atlas of cortical arealization identifies dynamic molecular signatures. <i>Nature</i> , 2021, 598, 200-204.	27.8	132
18	Recurrent point mutations in the kinetochore gene KNSTRN in cutaneous squamous cell carcinoma. <i>Nature Genetics</i> , 2014, 46, 1060-1062.	21.4	125

#	ARTICLE	IF	CITATIONS
19	Origins and Proliferative States of Human Oligodendrocyte Precursor Cells. <i>Cell</i> , 2020, 182, 594-608.e11.	28.9	110
20	UCSC Cell Browser: visualize your single-cell data. <i>Bioinformatics</i> , 2021, 37, 4578-4580.	4.1	105
21	The Functional Proximal Proteome of Oncogenic Ras Includes mTORC2. <i>Molecular Cell</i> , 2019, 73, 830-844.e12.	9.7	104
22	Shared and derived features of cellular diversity in the human cerebral cortex. <i>Current Opinion in Neurobiology</i> , 2019, 56, 117-124.	4.2	61
23	Multimodal Single-Cell Analysis Reveals Physiological Maturation in the Developing Human Neocortex. <i>Neuron</i> , 2019, 102, 143-158.e7.	8.1	61
24	Network Analysis Identifies Mitochondrial Regulation of Epidermal Differentiation by MPZL3 and FDXR. <i>Developmental Cell</i> , 2015, 35, 444-457.	7.0	50
25	A study of the mutational landscape of pediatric-type follicular lymphoma and pediatric nodal marginal zone lymphoma. <i>Modern Pathology</i> , 2016, 29, 1212-1220.	5.5	46
26	Cortical Neural Stem Cell Lineage Progression Is Regulated by Extrinsic Signaling Molecule Sonic Hedgehog. <i>Cell Reports</i> , 2020, 30, 4490-4504.e4.	6.4	45
27	Product Profile of PEN3: The Last Unexamined Oxidosqualene Cyclase in <i>Arabidopsis thaliana</i> . <i>Organic Letters</i> , 2009, 11, 2627-2630.	4.6	42
28	Next-generation sequencing of idiopathic multicentric and unicentric Castleman disease and follicular dendritic cell sarcomas. <i>Blood Advances</i> , 2018, 2, 481-491.	5.2	41
29	Human intermediate progenitor diversity during cortical development. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	41
30	Neuroserpin expression during human brain development and in adult brain revealed by immunohistochemistry and single cell <i>scRNA</i> sequencing. <i>Journal of Anatomy</i> , 2019, 235, 543-554.	1.5	28
31	Are Organoids Ready for Prime Time?. <i>Cell Stem Cell</i> , 2020, 27, 361-365.	11.1	24
32	Identification of Lipid Heterogeneity and Diversity in the Developing Human Brain. <i>Jacs Au</i> , 2021, 1, 2261-2270.	7.9	23
33	Rapid deployment of SARS-CoV-2 testing: The CLIAHUB. <i>PLoS Pathogens</i> , 2020, 16, e1008966.	4.7	18
34	Identification of cell types in a mouse brain single-cell atlas using low sampling coverage. <i>BMC Biology</i> , 2018, 16, 113.	3.8	15
35	Cancer-Associated Long Noncoding RNA SMRT-2 Controls Epidermal Differentiation. <i>Journal of Investigative Dermatology</i> , 2018, 138, 1445-1449.	0.7	13
36	Mounting evidence suggests human adult neurogenesis is unlikely. <i>Neuron</i> , 2022, 110, 353-355.	8.1	8

#	ARTICLE	IF	CITATIONS
37	Cortical Cartography: Mapping Arealization Using Single-Cell Omics Technology. Frontiers in Neural Circuits, 2021, 15, 788560.	2.8	5
38	Single-cell sequencing paints diverse pictures of the brain. Nature, 2018, 563, 38-39.	27.8	3
39	Evaluation of advances in cortical development using model systems. Developmental Neurobiology, 2022, 82, 408-427.	3.0	1
40	Human neurogenesis. , 2020, , 751-767.		0