# Aparna Bhaduri

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/9395849/publications.pdf

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|---|---|---|---|
| 40 papers | 7,928 citations | 185998 28 h-index | 301761 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. | 3.8 | 8 |
| 2 | Evaluation of advances in cortical development using model systems. Developmental Neurobiology, 2022, 82, 408-427. | 1.5 | 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. | 7.1 | 244 |
| 4 | Human intermediate progenitor diversity during cortical development. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, . | 3.3 | 41 |
| 5 | UCSC Cell Browser: visualize your single-cell data. Bioinformatics, 2021, 37, 4578-4580. | 1.8 | 105 |
| 6 | An atlas of cortical arealization identifies dynamic molecular signatures. Nature, 2021, 598, 200-204. | 13.7 | 132 |
| 7 | Identification of Lipid Heterogeneity and Diversity in the Developing Human Brain. Jacs Au, 2021, 1, 2261-2270. | 3.6 | 23 |
| 8 | Cortical Cartography: Mapping Arealization Using Single-Cell Omics Technology. Frontiers in Neural Circuits, 2021, 15, 788560. | 1.4 | 5 |
| 9 | Outer Radial Glia-like Cancer Stem Cells Contribute to Heterogeneity of Glioblastoma. Cell Stem Cell, 2020, 26, 48-63.e6. | 5.2 | 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. | 13.5 | 269 |
| 11 | Origins and Proliferative States of Human Oligodendrocyte Precursor Cells. Cell, 2020, 182, 594-608.e11. | 13.5 | 110 |
| 12 | Are Organoids Ready for Prime Time?. Cell Stem Cell, 2020, 27, 361-365. | 5.2 | 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. | 13.5 | 508 |
| 15 | Large-Scale Exome Sequencing Study Implicates Both Developmental and Functional Changes in the Neurobiology of Autism. Cell, 2020, 180, 568-584.e23. | 13.5 | 1,422 |
| 16 | Cell stress in cortical organoids impairs molecular subtype specification. Nature, 2020, 578, 142-148. | 13.7 | 387 |
| 17 | Cortical Neural Stem Cell Lineage Progression Is Regulated by Extrinsic Signaling Molecule Sonic Hedgehog. Cell Reports, 2020, 30, 4490-4504.e4. | 2.9 | 45 |
| 18 | Rapid deployment of SARS-CoV-2 testing: The CLIAHUB. PLoS Pathogens, 2020, 16, e1008966. | 2.1 | 18 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Neuronal vulnerability and multilineage diversity in multiple sclerosis. Nature, 2019, 573, 75-82. | 13.7 | 385 |
| 20 | Development and Arealization of the Cerebral Cortex. Neuron, 2019, 103, 980-1004. | 3.8 | 241 |
| 21 | Shared and derived features of cellular diversity in the human cerebral cortex. Current Opinion in Neurobiology, 2019, 56, 117-124. | 2.0 | 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. | 0.9 | 28 |
| 23 | Single-cell genomics identifies cell typeâ€“specific molecular changes in autism. Science, 2019, 364, 685-689. | 6.0 | 600 |
| 24 | Establishing Cerebral Organoids as Models of Human-Specific Brain Evolution. Cell, 2019, 176, 743-756.e17. | 13.5 | 423 |
| 25 | Multimodal Single-Cell Analysis Reveals Physiological Maturation in the Developing Human Neocortex. Neuron, 2019, 102, 143-158.e7. | 3.8 | 61 |
| 26 | The Functional Proximal Proteome of Oncogenic Ras Includes mTORC2. Molecular Cell, 2019, 73, 830-844.e12. | 4.5 | 104 |
| 27 | Cancer-Associated Long Noncoding RNA SMRT-2 Controls Epidermal Differentiation. Journal of Investigative Dermatology, 2018, 138, 1445-1449. | 0.3 | 13 |
| 28 | Identification of cell types in a mouse brain single-cell atlas using low sampling coverage. BMC Biology, 2018, 16, 113. | 1.7 | 15 |
| 29 | Single-cell sequencing paints diverse pictures of the brain. Nature, 2018, 563, 38-39. | 13.7 | 3 |
| 30 | Next-generation sequencing of idiopathic multicentric and unicentric Castleman disease and follicular dendritic cell sarcomas. Blood Advances, 2018, 2, 481-491. | 2.5 | 41 |
| 31 | Human-Specific NOTCH2NL Genes Affect Notch Signaling and Cortical Neurogenesis. Cell, 2018, 173, 1356-1369.e22. | 13.5 | 366 |
| 32 | Spatiotemporal gene expression trajectories reveal developmental hierarchies of the human cortex. Science, 2017, 358, 1318-1323. | 6.0 | 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. | 3.8 | 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. | 2.9 | 46 |
| 35 | The noncoding RNAs SNORD50A and SNORD50B bind K-Ras and are recurrently deleted in human cancer. Nature Genetics, 2016, 48, 53-58. | 9.4 | 143 |
| 36 | Genomic analysis of mycosis fungoides and SÃ©zary syndrome identifies recurrent alterations in TNFR2. Nature Genetics, 2015, 47, 1056-1060. | 9.4 | 242 |

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|---|---|---|---|
| 37 | Network Analysis Identifies Mitochondrial Regulation of Epidermal Differentiation by MPZL3 and FDXR. Developmental Cell, 2015, 35, 444-457. | 3.1 | 50 |
| 38 | Quantitative analysis of mammalian translation initiation sites by <scp>FACS</scp>â€seq. Molecular Systems Biology, 2014, 10, 748. | 3.2 | 158 |
| 39 | Recurrent point mutations in the kinetochore gene KNSTRN in cutaneous squamous cell carcinoma. Nature Genetics, 2014, 46, 1060-1062. | 9.4 | 125 |
| 40 | Product Profile of PEN3: The Last Unexamined Oxidosqualene Cyclase in Arabidopsis thaliana. Organic Letters, 2009, 11, 2627-2630. | 2.4 | 42 |