# Akshayalakshmi Sridhar

List of Publications by Year
in descending order



| 10 | 693 | 1040056 9 | 1372567 10 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 11 | 11 | 11 | 956 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Energy Metabolism and Mitochondrial Superoxide Anion Production in Pre-symptomatic Striatal Neurons Derived from Human-Induced Pluripotent Stem Cells Expressing Mutant Huntingtin. Molecular Neurobiology, 2020, 57, 668-684. | 4.0 | 18 |
| 2 | Single-Cell Transcriptomic Comparison of Human Fetal Retina, hPSC-Derived Retinal Organoids, and Long-Term Retinal Cultures. Cell Reports, 2020, 30, 1644-1659.e4. | 6.4 | 188 |
| 3 | Synchrony and asynchrony between an epigenetic clock and developmental timing. Scientific Reports, 2019, 9, 3770. | 3.3 | 37 |
| 4 | Astrocytes Regulate the Development and Maturation of Retinal Ganglion Cells Derived from Human Pluripotent Stem Cells. Stem Cell Reports, 2019, 12, 201-212. | 4.8 | 35 |
| 5 | Human Pluripotent Stem Cells as In Vitro Models for Retinal Development and Disease. Fundamental Biomedical Technologies, 2018, , 17-49. | 0.2 | 2 |
| 6 | Three-Dimensional Retinal Organoids Facilitate the Investigation of Retinal Ganglion Cell Development, Organization and Neurite Outgrowth from Human Pluripotent Stem Cells. Scientific Reports, 2018, 8, 14520. | 3.3 | 130 |
| 7 | Stepwise Differentiation of Retinal Ganglion Cells from Human Pluripotent Stem Cells Enables Analysis of Glaucomatous Neurodegeneration. Stem Cells, 2016, 34, 1553-1562. | 3.2 | 118 |
| 8 | Robust Differentiation of mRNA-Reprogrammed Human Induced Pluripotent Stem Cells Toward a Retinal Lineage. Stem Cells Translational Medicine, 2016, 5, 417-426. | 3.3 | 39 |
| 9 | Generation of Highly Enriched Populations of Optic Vesicleâ^'Like Retinal Cells from Human Pluripotent Stem Cells. Current Protocols in Stem Cell Biology, 2015, 32, 1H.8.1-1H.8.20. | 3.0 | 75 |
| 10 | Nonxenogeneic Growth and Retinal Differentiation of Human Induced Pluripotent Stem Cells. Stem Cells Translational Medicine, 2013, 2, 255-264. | 3.3 | 51 |