

# Abinaya Chandrasekaran

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2790030/publications.pdf>

Version: 2024-02-01

12  
papers

568  
citations

1163117

8  
h-index

1474206

9  
g-index

14  
all docs

14  
docs citations

14  
times ranked

1188  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Neurons derived from sporadic Alzheimer's disease iPSCs reveal elevated TAU hyperphosphorylation, increased amyloid levels, and GSK3B activation. <i>Alzheimer's Research and Therapy</i> , 2017, 9, 90.        | 6.2 | 161       |
| 2  | Astrocyte Differentiation of Human Pluripotent Stem Cells: New Tools for Neurological Disorder Research. <i>Frontiers in Cellular Neuroscience</i> , 2016, 10, 215.   | 3.7 | 120       |
| 3  | Comparison of 2D and 3D neural induction methods for the generation of neural progenitor cells from human induced pluripotent stem cells. <i>Stem Cell Research</i> , 2017, 25, 139-151.                        | 0.7 | 95        |
| 4  | Neurosphere Based Differentiation of Human iPSC Improves Astrocyte Differentiation. <i>Stem Cells International</i> , 2016, 2016, 1-15.   | 2.5 | 53        |
| 5  | Modeling neurodegenerative diseases with patient-derived induced pluripotent cells: Possibilities and challenges. <i>New Biotechnology</i> , 2017, 39, 190-198.   | 4.4 | 42        |
| 6  | Glutamate-glutamine homeostasis is perturbed in neurons and astrocytes derived from patient iPSC models of frontotemporal dementia. <i>Molecular Brain</i> , 2020, 13, 125.                                     | 2.6 | 36        |
| 7  | Altered neurite morphology and cholinergic function of induced pluripotent stem cell-derived neurons from a patient with Kleefstra syndrome and autism. <i>Translational Psychiatry</i> , 2017, 7, e1179-e1179. | 4.8 | 29        |
| 8  | Astrocytic reactivity triggered by defective autophagy and metabolic failure causes neurotoxicity in frontotemporal dementia type 3. <i>Stem Cell Reports</i> , 2021, 16, 2736-2751.                            | 4.8 | 23        |
| 9  | Establishment of induced pluripotent stem cell (iPSC) line from a 63-year old patient with late onset Alzheimer's disease (LOAD). <i>Stem Cell Research</i> , 2016, 17, 78-80.                                  | 0.7 | 7         |
| 10 | Neural Derivates of Canine Induced Pluripotent Stem Cells-Like Cells From a Mild Cognitive Impairment Dog. <i>Frontiers in Veterinary Science</i> , 2021, 8, 725386.  | 2.2 | 2         |
| 11 | Canine induced pluripotent stem cells: an <i>in vitro</i> approach to validate the dog as a large animal model for Alzheimer's disease. , 2021, , 77-91.  |     | 0         |
| 12 | A protein-centric view of in vitro biological model systems for schizophrenia. <i>Stem Cells</i> , 2021, 39, 1569-1578.   | 3.2 | 0         |