# Yong-Chun Yu

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/5963948/publications.pdf

Version: 2024-02-01

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|---|---|---|---|
| 25 papers | 1,509 citations | 471509 17 h-index | 552781 26 g-index |
| 31 all docs | 31 docs citations | 31 times ranked | 2269 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Direct Conversion of Normal and Alzheimerâ€™s Disease Human Fibroblasts into Neuronal Cells by Small Molecules. Cell Stem Cell, 2015, 17, 204-212. | 11.1 | 412 |
| 2 | Preferential electrical coupling regulates neocortical lineage-dependent microcircuit assembly. Nature, 2012, 486, 113-117. | 27.8 | 222 |
| 3 | Generation of neural progenitor cells by chemical cocktails and hypoxia. Cell Research, 2014, 24, 665-679. | 12.0 | 214 |
| 4 | Direct Generation of Human Neuronal Cells from Adult Astrocytes by Small Molecules. Stem Cell Reports, 2017, 8, 538-547. | 4.8 | 106 |
| 5 | Direct conversion of astrocytes into neuronal cells by drug cocktail. Cell Research, 2015, 25, 1269-1272. | 12.0 | 81 |
| 6 | Inside-Out Radial Migration Facilitates Lineage-Dependent Neocortical Microcircuit Assembly. Neuron, 2015, 86, 1159-1166. | 8.1 | 61 |
| 7 | Development of Layer 1 Neurons in the Mouse Neocortex. Cerebral Cortex, 2014, 24, 2604-2618. | 2.9 | 49 |
| 8 | Coupled electrophysiological recording and single cell transcriptome analyses revealed molecular mechanisms underlying neuronal maturation. Protein and Cell, 2016, 7, 175-186. | 11.0 | 44 |
| 9 | Eye opening differentially modulates inhibitory synaptic transmission in the developing visual cortex. ELife, 2017, 6, . | 6.0 | 38 |
| 10 | Fear Erasure Facilitated by Immature Inhibitory Neuron Transplantation. Neuron, 2016, 92, 1352-1367. | 8.1 | 33 |
| 11 | Neural lineage tracing in the mammalian brain. Current Opinion in Neurobiology, 2018, 50, 7-16. | 4.2 | 33 |
| 12 | TRPM7 Is Required for Normal Synapse Density, Learning, and Memory at Different Developmental Stages. Cell Reports, 2018, 23, 3480-3491. | 6.4 | 27 |
| 13 | RACK7 recognizes H3.3G34R mutation to suppress expression of MHC class II complex components and their delivery pathway in pediatric glioblastoma. Science Advances, 2020, 6, eaba2113. | 10.3 | 25 |
| 14 | Electrical coupling regulates layer 1 interneuron microcircuit formation in the neocortex. Nature Communications, 2016, 7, 12229. | 12.8 | 24 |
| 15 | Optogenetic activation of GABAergic neurons in the nucleus accumbens decreases the activity of the ventral pallidum and the expression of cocaine-context-associated memory. International Journal of Neuropsychopharmacology, 2014, 17, 753-763. | 2.1 | 22 |
| 16 | Neonatal CX26 removal impairs neocortical development and leads to elevated anxiety. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 3228-3233. | 7.1 | 21 |
| 17 | Suppression of glioblastoma by a drug cocktail reprogramming tumor cells into neuronal like cells. Scientific Reports, 2019, 9, 3462. | 3.3 | 19 |
| 18 | Early-generated interneurons regulate neuronal circuit formation during early postnatal development. ELife, 2019, 8, . | 6.0 | 14 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Direct induction of neural progenitor cells transiently passes through a partially reprogrammed state. Biomaterials, 2017, 119, 53-67. | 11.4 | 10 |
| 20 | Cerebellar stem cells do not produce neurons and astrocytes in adult mouse. Biochemical and Biophysical Research Communications, 2014, 450, 378-383. | 2.1 | 9 |
| 21 | Hyperselective neurectomy in the treatment of elbow and wrist spasticity: an anatomical study and incision design. British Journal of Neurosurgery, 2020, , 1-6. | 0.8 | 7 |
| 22 | Graded and pan-neural disease phenotypes of Rett Syndrome linked with dosage of functional MeCP2. Protein and Cell, 2020, 12, 639-652. | 11.0 | 6 |
| 23 | Connexin43 in neonatal excitatory neurons is important for short-term motor learning. Brain Research, 2019, 1720, 146287. | 2.2 | 5 |
| 24 | Cell-cycle length of medial ganglionic eminence progenitors contributes to interneuron fate. Protein and Cell, 2021, , 1. | 11.0 | 4 |
| 25 | Synaptic Transmission from Somatostatin-expressing Interneurons to Excitatory Neurons Mediated by Î±5-subunit-containing GABAA Receptors in the Developing Visual Cortex. Neuroscience, 2020, 449, 147-156. | 2.3 | 2 |