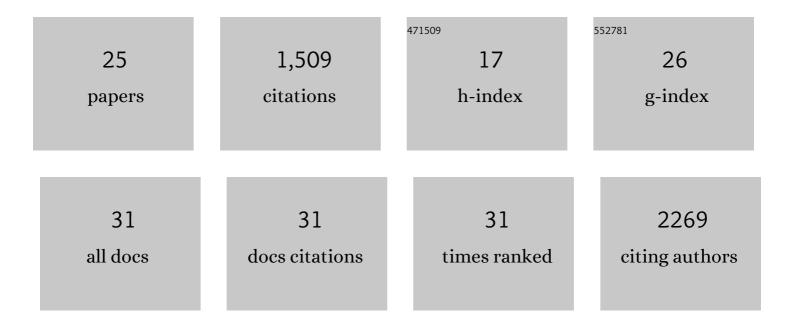
## Yong-Chun Yu

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/5963948/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Direct Conversion of Normal and Alzheimer'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 <i>CX26</i> 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

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#	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 α5-subunit-containing GABAA Receptors in the Developing Visual Cortex. Neuroscience, 2020, 449, 147-156.	2.3	2