Zhengang Yang

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

51 papers	2,550 citations	21 h-index	50 g-index
54 ext. papers	3,146 ext. citations	8.8 avg, IF	4.65 L-index

#	Paper	IF	Citations
51	Human hippocampal neurogenesis drops sharply in children to undetectable levels in adults. *Nature* , **2018**, 555, 377-381	50.4	742
50	Identification and characterization of neuroblasts in the subventricular zone and rostral migratory stream of the adult human brain. *Cell Research*, **2011**, 21, 1534-50	24.7	227
49	Subcortical origins of human and monkey neocortical interneurons. *Nature Neuroscience*, **2013**, 16, 1588-97	25.5	196
48	Neural stem/progenitor cells participate in the regenerative response to perinatal hypoxia/ischemia. *Journal of Neuroscience*, **2006**, 26, 4359-69	6.6	158
47	Sustained neocortical neurogenesis after neonatal hypoxic/ischemic injury. *Annals of Neurology*, **2007**, 61, 199-208	9.4	126
46	Brain injury does not alter the intrinsic differentiation potential of adult neuroblasts. *Journal of Neuroscience*, **2009**, 29, 5075-87	6.6	95
45	Lhx6 directly regulates Arx and CXCR7 to determine cortical interneuron fate and laminar position. *Neuron*, **2014**, 82, 350-64	13.9	88
44	Neonatal hypoxic/ischemic brain injury induces production of calretinin-expressing interneurons in the striatum. *Journal of Comparative Neurology*, **2008**, 511, 19-33	3.4	75
43	The hominoid-specific gene TBC1D3 promotes generation of basal neural progenitors and induces cortical folding in mice. *ELife*, **2016**, 5,	8.9	75
42	Does Adult Neurogenesis Persist in the Human Hippocampus?. *Cell Stem Cell*, **2018**, 23, 780-781	18	63
41	A subpopulation of dorsal lateral/caudal ganglionic eminence-derived neocortical interneurons expresses the transcription factor Sp8. *Cerebral Cortex*, **2012**, 22, 2120-30	5.1	58
40	The transcription factor Sp8 is required for the production of parvalbumin-expressing interneurons in the olfactory bulb. *Journal of Neuroscience*, **2011**, 31, 8450-5	6.6	46
39	Nuclear receptor COUP-TFII-expressing neocortical interneurons are derived from the medial and lateral/caudal ganglionic eminence and define specific subsets of mature interneurons. *Journal of Comparative Neurology*, **2013**, 521, 479-97	3.4	43
38	Perinatal hypoxic/ischemic brain injury induces persistent production of striatal neurons from subventricular zone progenitors. *Developmental Neuroscience*, **2007**, 29, 331-40	2.2	42
37	Human and monkey striatal interneurons are derived from the medial ganglionic eminence but not from the adult subventricular zone. *Journal of Neuroscience*, **2014**, 34, 10906-23	6.6	40
36	The Zinc Finger Transcription Factor Sp9 Is Required for the Development of Striatopallidal Projection Neurons. *Cell Reports*, **2016**, 16, 1431-1444	10.6	40
35	Postnatal subventricular zone progenitors give rise not only to granular and periglomerular interneurons but also to interneurons in the external plexiform layer of the rat olfactory bulb. *Journal of Comparative Neurology*, **2008**, 506, 347-58	3.4	36

34	Transcription Factors Sp8 and Sp9 Coordinately Regulate Olfactory Bulb Interneuron Development. *Cerebral Cortex*, **2018**, 28, 3278-3294	5.1	33
33	Positive Controls in Adults and Children Support That Very Few, If Any, New Neurons Are Born in the Adult Human Hippocampus. *Journal of Neuroscience*, **2021**, 41, 2554-2565	6.6	32
32	SP8 and SP9 coordinately promote D2-type medium spiny neuron production by activating expression. *Development (Cambridge)*, **2018**, 145,	6.6	30
31	Emx1-expressing neural stem cells in the subventricular zone give rise to new interneurons in the ischemic injured striatum. *European Journal of Neuroscience*, **2011**, 33, 819-30	3.5	28
30	Sp9 Regulates Medial Ganglionic Eminence-Derived Cortical Interneuron Development. *Cerebral Cortex*, **2019**, 29, 2653-2667	5.1	21
29	A septo-temporal molecular gradient of sfrp3 in the dentate gyrus differentially regulates quiescent adult hippocampal neural stem cell activation. *Molecular Brain*, **2015**, 8, 52	4.5	20
28	Cortical Neural Stem Cell Lineage Progression Is Regulated by Extrinsic Signaling Molecule Sonic Hedgehog. *Cell Reports*, **2020**, 30, 4490-4504.e4	10.6	20
27	Impaired Interneuron Development after Foxg1 Disruption. *Cerebral Cortex*, **2017**, 27, 793-808	5.1	19
26	A subpopulation of individual neural progenitors in the mammalian dorsal pallium generates both projection neurons and interneurons in vitro. *Stem Cells*, **2013**, 31, 1193-201	5.8	18
25	Transcription factors COUP-TFI and COUP-TFII are required for the production of granule cells in the mouse olfactory bulb. *Development (Cambridge)*, **2015**, 142, 1593-605	6.6	17
24	Dlx1/2 are Central and Essential Components in the Transcriptional Code for Generating Olfactory Bulb Interneurons. *Cerebral Cortex*, **2019**, 29, 4831-4849	5.1	16
23	Astroglial β-Arrestin1-mediated Nuclear Signaling Regulates the Expansion of Neural Precursor Cells in Adult Hippocampus. *Scientific Reports*, **2015**, 5, 15506	4.9	16
22	The onion skin-like organization of the septum arises from multiple embryonic origins to form multiple adult neuronal fates. *Neuroscience*, **2012**, 222, 110-23	3.9	15
21	The PROK2/PROKR2 signaling pathway is required for the migration of most olfactory bulb interneurons. *Journal of Comparative Neurology*, **2019**, 527, 2931-2947	3.4	14
20	Postnatal neurogenesis in the human forebrain: from two migratory streams to dribbles. *Cell Stem Cell*, **2011**, 9, 385-6	18	14
19	Transcription factors Sp8 and Sp9 regulate the development of caudal ganglionic eminence-derived cortical interneurons. *Journal of Comparative Neurology*, **2019**, 527, 2860-2874	3.4	13
18	Decoding Cortical Glial Cell Development. *Neuroscience Bulletin*, **2021**, 37, 440-460	4.3	11
17	Sp8 plays a supplementary role to Pax6 in establishing the pMN/p3 domain boundary in the spinal cord. *Development (Cambridge)*, **2014**, 141, 2875-84	6.6	8

16	Murine Placental-Fetal Phosphate Dyshomeostasis Caused by an Xpr1 Deficiency Accelerates Placental Calcification and Restricts Fetal Growth in Late Gestation. *Journal of Bone and Mineral Research*, **2020**, 35, 116-129	6.3	8
15	Transcription Factor 4 Safeguards Hippocampal Dentate Gyrus Development by Regulating Neural Progenitor Migration. *Cerebral Cortex*, **2020**, 30, 3102-3115	5.1	8
14	Zfhx3 is required for the differentiation of late born D1-type medium spiny neurons. *Experimental Neurology*, **2019**, 322, 113055	5.7	7
13	Transcription Factors and Regulate Medial Ganglionic Eminence-Derived Cortical Interneuron Migration. *Frontiers in Molecular Neuroscience*, **2019**, 12, 75	6.1	5
12	Transcriptional profiling reveals the transcription factor networks regulating the survival of striatal neurons. *Cell Death and Disease*, **2021**, 12, 262	9.8	5
11	Homeobox Gene Six3 is Required for the Differentiation of D2-Type Medium Spiny Neurons. *Neuroscience Bulletin*, **2021**, 37, 985-998	4.3	4
10	Adult Neural Stem Cells: Constant Extension from Embryonic Ancestors. *Neuroscience Bulletin*, **2019**, 35, 1120-1122	4.3	3
9	Genetically targeting new neurons in the adult hippocampus. *Cell Research*, **2011**, 21, 220-2	24.7	3
8	Author response: The hominoid-specific gene TBC1D3 promotes generation of basal neural progenitors and induces cortical folding in mice **2016**,		3
7	Topographical organization of mammillary neurogenesis and efferent projections in the mouse brain. *Cell Reports*, **2021**, 34, 108712	10.6	2
6	Comment on "Impact of neurodegenerative diseases on human adult hippocampal neurogenesis".. *Science*, **2022**, 376, eabn8861	33.3	2
5	Transcription Factor VAX1 Regulates the Regional Specification of the Subpallium Through Repressing Gsx2. *Molecular Neurobiology*, **2021**, 58, 3729-3744	6.2	1
4	Transcriptional repression by FEZF2 restricts alternative identities of cortical projection neurons. *Cell Reports*, **2021**, 35, 109269	10.6	1
3	Developmental Origins of Human Cortical Oligodendrocytes and Astrocytes. *Neuroscience Bulletin*, **2021**, 1	4.3	1
2	Dlx1/2-dependent expression of Meis2 promotes neuronal fate determination in the mammalian striatum.. *Development (Cambridge)*, **2022**,	6.6	1
1	Transcription Factors Bcl11a and Bcl11b Are Required for the Production and Differentiation of Cortical Projection Neurons.. *Cerebral Cortex*, **2021**,	5.1	1