Zhengang Yang

List of Publications by Year in Descending Order

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	Dlx1/2-dependent expression of Meis2 promotes neuronal fate determination in the mammalian striatum.. *Development (Cambridge)*, **2022**,	6.6	1
50	Comment on "Impact of neurodegenerative diseases on human adult hippocampal neurogenesis".. *Science*, **2022**, 376, eabn8861	33.3	2
49	Transcriptional profiling reveals the transcription factor networks regulating the survival of striatal neurons. *Cell Death and Disease*, **2021**, 12, 262	9.8	5
48	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
47	Transcription Factor VAX1 Regulates the Regional Specification of the Subpallium Through Repressing Gsx2. *Molecular Neurobiology*, **2021**, 58, 3729-3744	6.2	1
46	Homeobox Gene Six3 is Required for the Differentiation of D2-Type Medium Spiny Neurons. *Neuroscience Bulletin*, **2021**, 37, 985-998	4.3	4
45	Transcriptional repression by FEZF2 restricts alternative identities of cortical projection neurons. *Cell Reports*, **2021**, 35, 109269	10.6	1
44	Decoding Cortical Glial Cell Development. *Neuroscience Bulletin*, **2021**, 37, 440-460	4.3	11
43	Topographical organization of mammillary neurogenesis and efferent projections in the mouse brain. *Cell Reports*, **2021**, 34, 108712	10.6	2
42	Developmental Origins of Human Cortical Oligodendrocytes and Astrocytes. *Neuroscience Bulletin*, **2021**, 1	4.3	1
41	Transcription Factors Bcl11a and Bcl11b Are Required for the Production and Differentiation of Cortical Projection Neurons.. *Cerebral Cortex*, **2021**,	5.1	1
40	Cortical Neural Stem Cell Lineage Progression Is Regulated by Extrinsic Signaling Molecule Sonic Hedgehog. *Cell Reports*, **2020**, 30, 4490-4504.e4	10.6	20
39	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
38	Transcription Factor 4 Safeguards Hippocampal Dentate Gyrus Development by Regulating Neural Progenitor Migration. *Cerebral Cortex*, **2020**, 30, 3102-3115	5.1	8
37	Zfhx3 is required for the differentiation of late born D1-type medium spiny neurons. *Experimental Neurology*, **2019**, 322, 113055	5.7	7
36	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
35	Adult Neural Stem Cells: Constant Extension from Embryonic Ancestors. *Neuroscience Bulletin*, **2019**, 35, 1120-1122	4.3	3

34	Transcription Factors and Regulate Medial Ganglionic Eminence-Derived Cortical Interneuron Migration. *Frontiers in Molecular Neuroscience*, **2019**, 12, 75	6.1	5
33	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
32	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
31	Sp9 Regulates Medial Ganglionic Eminence-Derived Cortical Interneuron Development. *Cerebral Cortex*, **2019**, 29, 2653-2667	5.1	21
30	Human hippocampal neurogenesis drops sharply in children to undetectable levels in adults. *Nature* , **2018**, 555, 377-381	50.4	742
29	Transcription Factors Sp8 and Sp9 Coordinately Regulate Olfactory Bulb Interneuron Development. *Cerebral Cortex*, **2018**, 28, 3278-3294	5.1	33
28	Does Adult Neurogenesis Persist in the Human Hippocampus?. *Cell Stem Cell*, **2018**, 23, 780-781	18	63
27	SP8 and SP9 coordinately promote D2-type medium spiny neuron production by activating expression. *Development (Cambridge)*, **2018**, 145,	6.6	30
26	Impaired Interneuron Development after Foxg1 Disruption. *Cerebral Cortex*, **2017**, 27, 793-808	5.1	19
25	Author response: The hominoid-specific gene TBC1D3 promotes generation of basal neural progenitors and induces cortical folding in mice **2016**,		3
24	The hominoid-specific gene TBC1D3 promotes generation of basal neural progenitors and induces cortical folding in mice. *ELife*, **2016**, 5,	8.9	75
23	The Zinc Finger Transcription Factor Sp9 Is Required for the Development of Striatopallidal Projection Neurons. *Cell Reports*, **2016**, 16, 1431-1444	10.6	40
22	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
21	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
20	Astroglial Arrestin1-mediated Nuclear Signaling Regulates the Expansion of Neural Precursor Cells in Adult Hippocampus. *Scientific Reports*, **2015**, 5, 15506	4.9	16
19	Lhx6 directly regulates Arx and CXCR7 to determine cortical interneuron fate and laminar position. *Neuron*, **2014**, 82, 350-64	13.9	88
18	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
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	Subcortical origins of human and monkey neocortical interneurons. *Nature Neuroscience*, **2013**, 16, 1588-97	25.5	196
15	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
14	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
13	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
12	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
11	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
10	Postnatal neurogenesis in the human forebrain: from two migratory streams to dribbles. *Cell Stem Cell*, **2011**, 9, 385-6	18	14
9	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
8	Genetically targeting new neurons in the adult hippocampus. *Cell Research*, **2011**, 21, 220-2	24.7	3
7	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
6	Brain injury does not alter the intrinsic differentiation potential of adult neuroblasts. *Journal of Neuroscience*, **2009**, 29, 5075-87	6.6	95
5	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
4	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
3	Sustained neocortical neurogenesis after neonatal hypoxic/ischemic injury. *Annals of Neurology*, **2007**, 61, 199-208	9.4	126
2	Perinatal hypoxic/ischemic brain injury induces persistent production of striatal neurons from subventricular zone progenitors. *Developmental Neuroscience*, **2007**, 29, 331-40	2.2	42
1	Neural stem/progenitor cells participate in the regenerative response to perinatal hypoxia/ischemia. *Journal of Neuroscience*, **2006**, 26, 4359-69	6.6	158