

# Song-Lin Ding

## List of Publications by Year in descending order

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Version: 2024-02-01

53  
papers

8,627  
citations

186265  
28  
h-index

175258  
52  
g-index

68  
all docs

68  
docs citations

68  
times ranked

13208  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cellular resolution anatomical and molecular atlases for prenatal human brains. <i>Journal of Comparative Neurology</i> , 2022, 530, 6-503.	1.6	14
2	Chemoarchitecture of area prostriata in adult and developing mice: Comparison with presubiculum and parasubiculum. <i>Journal of Comparative Neurology</i> , 2022, 530, 2486-2517.	1.6	5
3	A taxonomy of transcriptomic cell types across the isocortex and hippocampal formation. <i>Cell</i> , 2021, 184, 3222-3241.e26.	28.9	479
4	Human neocortical expansion involves glutamatergic neuron diversification. <i>Nature</i> , 2021, 598, 151-158.	27.8	160
5	Comparative cellular analysis of motor cortex in human, marmoset and mouse. <i>Nature</i> , 2021, 598, 111-119.	27.8	361
6	A multimodal cell census and atlas of the mammalian primary motor cortex. <i>Nature</i> , 2021, 598, 86-102.	27.8	316
7	Rodent Area Prostriata Converges Multimodal Hierarchical Inputs and Projects to the Structures Important for Visuomotor Behaviors. <i>Frontiers in Neuroscience</i> , 2021, 15, 772016.	2.8	6
8	Anatomical structures, cell types and biomarkers of the Human Reference Atlas. <i>Nature Cell Biology</i> , 2021, 23, 1117-1128.	10.3	68
9	Localization of area prostriata and its connections with primary visual cortex in rodent. <i>Journal of Comparative Neurology</i> , 2020, 528, 389-406.	1.6	17
10	Characterization of hippocampal subfields using ex vivo MRI and histology data: Lessons for in vivo segmentation. <i>Hippocampus</i> , 2020, 30, 545-564.	1.9	31
11	Distinct Transcriptomic Cell Types and Neural Circuits of the Subiculum and Prosubiculum along the Dorsal-Ventral Axis. <i>Cell Reports</i> , 2020, 31, 107648.	6.4	49
12	Afferent Projections to Area Prostriata of the Mouse. <i>Frontiers in Neuroanatomy</i> , 2020, 14, 605021.	1.7	7
13	Homotopic Commissural Projections of Area Prostriata in Rat and Mouse: Comparison With Presubiculum and Parasubiculum. <i>Frontiers in Neural Circuits</i> , 2020, 14, 605332.	2.8	4
14	The development of a valid, reliable, harmonized segmentation protocol for hippocampal subfields and medial temporal lobe cortices: A progress update. <i>Alzheimer's and Dementia</i> , 2020, 16, e046652.	0.8	2
15	The Allen Mouse Brain Common Coordinate Framework: A 3D Reference Atlas. <i>Cell</i> , 2020, 181, 936-953.e20.	28.9	597
16	Transcriptomic evidence that von Economo neurons are regionally specialized extratelencephalic-projecting excitatory neurons. <i>Nature Communications</i> , 2020, 11, 1172.	12.8	70
17	Progress update from the hippocampal subfields group. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2019, 11, 439-449.	2.4	34
18	Conserved cell types with divergent features in human versus mouse cortex. <i>Nature</i> , 2019, 573, 61-68.	27.8	1,198

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19	Classification of electrophysiological and morphological neuron types in the mouse visual cortex. <i>Nature Neuroscience</i> , 2019, 22, 1182-1195.	14.8	333
20	Automated segmentation of medial temporal lobe subregions on in vivo T1-weighted MRI in early stages of Alzheimer's disease. <i>Human Brain Mapping</i> , 2019, 40, 3431-3451.	3.6	71
21	P4591: THE DEVELOPMENT OF A HARMONIZED SEGMENTATION PROTOCOL FOR HIPPOCAMPAL SUBFIELDS: AN UPDATE. <i>Alzheimer's and Dementia</i> , 2019, 15, P1549.	0.8	0
22	Characterizing the human hippocampus in aging and Alzheimer's disease using a computational atlas derived from ex vivo MRI and histology. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 4252-4257.	7.1	136
23	Integrative functional genomic analysis of human brain development and neuropsychiatric risks. <i>Science</i> , 2018, 362, .	12.6	516
24	Transcriptomic and morphophysiological evidence for a specialized human cortical GABAergic cell type. <i>Nature Neuroscience</i> , 2018, 21, 1185-1195.	14.8	212
25	A protocol for manual segmentation of medial temporal lobe subregions in 7 Tesla MRI. <i>NeuroImage: Clinical</i> , 2017, 15, 466-482.	2.7	111
26	Multi-template analysis of human perirhinal cortex in brain MRI: Explicitly accounting for anatomical variability. <i>NeuroImage</i> , 2017, 144, 183-202.	4.2	30
27	[P4507]: ALZHEIMER'S DISEASE AND THE HIPPOCAMPUS: NOVEL INSIGHTS FROM AN EX VIVO COMPUTATIONAL ATLAS COMBINING MRI AND HISTOLOGY. <i>Alzheimer's and Dementia</i> , 2017, 13, P1534.	0.8	0
28	Combinatorial Inputs to the Ventral Striatum from the Temporal Cortex, Frontal Cortex, and Amygdala: Implications for Segmenting the Striatum. <i>ENeuro</i> , 2017, 4, ENEURO.0392-17.2017.	1.9	46
29	Comprehensive cellular-resolution atlas of the adult human brain. <i>Journal of Comparative Neurology</i> , 2016, 524, Spc1.	1.6	8
30	A comprehensive transcriptional map of primate brain development. <i>Nature</i> , 2016, 535, 367-375.	27.8	341
31	Comprehensive cellular-resolution atlas of the adult human brain. <i>Journal of Comparative Neurology</i> , 2016, 524, 3127-3481.	1.6	302
32	Automated volumetry and regional thickness analysis of hippocampal subfields and medial temporal cortical structures in mild cognitive impairment. <i>Human Brain Mapping</i> , 2015, 36, 258-287.	3.6	454
33	Quantitative comparison of 21 protocols for labeling hippocampal subfields and parahippocampal subregions in in vivo MRI: Towards a harmonized segmentation protocol. <i>NeuroImage</i> , 2015, 111, 526-541.	4.2	284
34	Organization and detailed parcellation of human hippocampal head and body regions based on a combined analysis of Cytochrome and chemoarchitecture. <i>Journal of Comparative Neurology</i> , 2015, 523, 2233-2253.	1.6	121
35	Large-Scale Brain Networks of the Human Left Temporal Pole: A Functional Connectivity MRI Study. <i>Cerebral Cortex</i> , 2015, 25, 680-702.	2.9	169
36	Transcriptional landscape of the prenatal human brain. <i>Nature</i> , 2014, 508, 199-206.	27.8	1,147

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37	Automatic Clustering and Thickness Measurement of Anatomical Variants of the Human Perirhinal Cortex. <i>Lecture Notes in Computer Science</i> , 2014, 17, 81-88.	1.3	9
38	Comparative anatomy of the prosubiculum, subiculum, presubiculum, postsubiculum, and parasubiculum in human, monkey, and rodent. <i>Journal of Comparative Neurology</i> , 2013, 521, 4145-4162.	1.6	175
39	A knock-in reporter mouse model for Batten disease reveals predominant expression of Cln3 in visual, limbic and subcortical motor structures. <i>Neurobiology of Disease</i> , 2011, 41, 237-248.	4.4	14
40	Stratum radiatum of CA2 is an additional target of the perforant path in humans and monkeys. <i>NeuroReport</i> , 2010, 21, 245-249.	1.2	18
41	Borders, extent, and topography of human perirhinal cortex as revealed using multiple modern neuroanatomical and pathological markers. <i>Human Brain Mapping</i> , 2010, 31, 1359-1379.	3.6	91
42	Parcellation of human temporal polar cortex: A combined analysis of multiple cytoarchitectonic, chemoarchitectonic, and pathological markers. <i>Journal of Comparative Neurology</i> , 2009, 514, 595-623.	1.6	174
43	A Knock-In Reporter Model of Batten Disease. <i>Journal of Neuroscience</i> , 2007, 27, 9826-9834.	3.6	52
44	Topography, cytoarchitecture, and cellular phenotypes of cortical areas that form the cingulo-parahippocampal isthmus and adjoining retrocalcarine areas in the monkey. <i>Journal of Comparative Neurology</i> , 2003, 456, 184-201.	1.6	32
45	Postnatal development of biotinylated dextran amine-labeled corpus callosum axons projecting from the visual and auditory cortices to the visual cortex of the rat. <i>Experimental Brain Research</i> , 2001, 136, 179-193.	1.5	15
46	Modular organization of the monkey presubiculum. <i>Experimental Brain Research</i> , 2001, 139, 255-265.	1.5	17
47	Inferior parietal lobule projections to the presubiculum and neighboring ventromedial temporal cortical areas. <i>Journal of Comparative Neurology</i> , 2000, 425, 510-530.	1.6	100
48	Neuropeptide Y- and somatostatin-immunoreactive axons in the corpus callosum during postnatal development of the rat. <i>Developmental Brain Research</i> , 2000, 124, 59-65.	1.7	8
49	Parvalbumin immunoreactive Cajal-Retzius and non-Cajal-Retzius neurons in layer I of different cortical regions of human newborn. <i>Anatomy and Embryology</i> , 2000, 201, 407-417.	1.5	11
50	A modification of biotinylated dextran amine histochemistry for labeling the developing mammalian brain. <i>Journal of Neuroscience Methods</i> , 1995, 57, 67-75.	2.5	15
51	Neuropeptide Y immunoreactive axons in the corpus callosum of the cat during postnatal development. <i>Anatomy and Embryology</i> , 1994, 190, 55-63.	1.5	4
52	Confirmation of the existence of transitory corpus callosum axons in area 17 of neonatal cat: an anterograde tracing study using biotinylated dextran amine. <i>Neuroscience Letters</i> , 1994, 177, 66-70.	2.1	10
53	A Taxonomy of Transcriptomic Cell Types Across the Isocortex and Hippocampal Formation. <i>SSRN Electronic Journal</i> , 0, , .	0.4	10