Stewart A Anderson

List of Publications by Year
in descending order

52 papers	8,330 citations	136950 32 h-index	189892 50 g-index
55 all docs	55 docs citations	55 times ranked	8865 citing authors

#	Article	IF	Citations
1	Petilla terminology: nomenclature of features of GABAergic interneurons of the cerebral cortex. Nature Reviews Neuroscience, 2008, 9, 557-568.	10.2	1,314
2	The origin and specification of cortical interneurons. Nature Reviews Neuroscience, 2006, 7, 687-696.	10.2	834
3	New insights into the classification and nomenclature of cortical GABAergic interneurons. Nature Reviews Neuroscience, 2013, 14, 202-216.	10.2	707
4	Origins of Cortical Interneuron Subtypes. Journal of Neuroscience, 2004, 24, 2612-2622.	3.6	576
5	Origin and Molecular Specification of Striatal Interneurons. Journal of Neuroscience, 2000, 20, 6063-6076.	3.6	556
6	Directed Differentiation and Functional Maturation of Cortical Interneurons from Human Embryonic Stem Cells. Cell Stem Cell, 2013, 12, 559-572.	11.1	505
7	Fate mapping Nkx2.1â€lineage cells in the mouse telencephalon. Journal of Comparative Neurology, 2008, 506, 16-29.	1.6	477
8	A viral strategy for targeting and manipulating interneurons across vertebrate species. Nature Neuroscience, 2016, 19, 1743-1749.	14.8	396
9	DLX-1, DLX-2, and DLX-5 expression define distinct stages of basal forebrain differentiation. Journal of Comparative Neurology, 1999, 414, 217-237.	1.6	269
10	Postmitotic Nkx2-1 Controls the Migration of Telencephalic Interneurons by Direct Repression of Guidance Receptors. Neuron, 2008, 59, 733-745.	8.1	236
11	Ectopic expression of the Dlx genes induces glutamic acid decarboxylase and Dlx expression. Development (Cambridge), 2002, 129, 245-252.	2.5	226
12	NKX2.1 specifies cortical interneuron fate by activating<i>Lhx6</i>. Development (Cambridge), 2008, 135, 1559-1567.	2.5	199
13	A spatial bias for the origins of interneuron subgroups within the medial ganglionic eminence. Developmental Biology, 2008, 314, 127-136.	2.0	193
14	Sonic Hedgehog Signaling Confers Ventral Telencephalic Progenitors with Distinct Cortical Interneuron Fates. Neuron, 2010, 65, 328-340.	8.1	191
15	Distinct Origins of Neocortical Projection Neurons and Interneurons In Vivo. Cerebral Cortex, 2002, 12, 702-709.	2.9	163
16	Sonic hedgehog maintains the identity of cortical interneuron progenitors in the ventral telencephalon. Development (Cambridge), 2005, 132, 4987-4998.	2.5	157
17	Spatial and Temporal Bias in the Mitotic Origins of Somatostatin- and Parvalbumin-Expressing Interneuron Subgroups and the Chandelier Subtype in the Medial Ganglionic Eminence. Cerebral Cortex, 2012, 22, 820-827.	2.9	142
18	Newfound sex differences in axonal structure underlie differential outcomes from in vitro traumatic axonal injury. Experimental Neurology, 2018, 300, 121-134.	4.1	104

#	Article	IF	Citations
19	A Targeted <i>NKX2.1</i> Human Embryonic Stem Cell Reporter Line Enables Identification of Human Basal Forebrain Derivatives. Stem Cells, 2011, 29, 462-473.	3.2	99
20	Apical versus Basal Neurogenesis Directs Cortical Interneuron Subclass Fate. Cell Reports, 2015, 13, 1090-1095.	6.4	78
21	Development of Cortical Interneurons. Neuropsychopharmacology, 2015, 40, 16-23.	5.4	69
22	The chandelier cell, form and function. Current Opinion in Neurobiology, 2014, 26, 142-148.	4.2	63
23	Mitochondrial deficits in human iPSC-derived neurons from patients with 22q11.2 deletion syndrome and schizophrenia. Translational Psychiatry, 2019, 9, 302.	4.8	62
24	Diversity of Cortical Interneurons in Primates: The Role of the Dorsal Proliferative Niche. Cell Reports, 2014, 9, 2139-2151.	6.4	61
25	The Pediatric Cell Atlas: Defining the Growth Phase of Human Development at Single-Cell Resolution. Developmental Cell, 2019, 49, 10-29.	7.0	57
26	Cortical parvalbumin GABAergic deficits with Î±7 nicotinic acetylcholine receptor deletion: implications for schizophrenia. Molecular and Cellular Neurosciences, 2014, 61, 163-175.	2.2	55
27	Differential Mitochondrial Requirements for Radially and Non-radially Migrating Cortical Neurons: Implications for Mitochondrial Disorders. Cell Reports, 2016, 15, 229-237.	6.4	51
28	The NANCIâ€“Nkx2.1 gene duplex buffers Nkx2.1 expression to maintain lung development and homeostasis. Genes and Development, 2017, 31, 889-903.	5.9	49
29	D-Serine and Serine Racemase Are Associated with PSD-95 and Glutamatergic Synapse Stability. Frontiers in Cellular Neuroscience, 2016, 10, 34.	3.7	43
30	Neuroinflammation and EIF2 Signaling Persist despite Antiretroviral Treatment in an hiPSC Tri-culture Model of HIV Infection. Stem Cell Reports, 2020, 14, 703-716.	4.8	42
31	Generating GABAergic cerebral cortical interneurons from mouse and human embryonic stem cells. Stem Cell Research, 2012, 8, 416-426.	0.7	41
32	Hopx distinguishes hippocampal from lateral ventricle neural stem cells. Stem Cell Research, 2015, 15, 522-529.	0.7	41
33	Duration of culture and sonic hedgehog signaling differentially specify PV versus SST cortical interneuron fates from embryonic stem cells. Development (Cambridge), 2015, 142, 1267-1278.	2.5	38
34	Cortical neurogenesis from pluripotent stem cells: complexity emerging from simplicity. Current Opinion in Neurobiology, 2014, 27, 151-157.	4.2	35
35	Disruption of the bloodâ€“brain barrier in 22q11.2 deletion syndrome. Brain, 2021, 144, 1351-1360.	7.6	27
36	Association of Mitochondrial Biogenesis With Variable Penetrance of Schizophrenia. JAMA Psychiatry, 2021, 78, 911.	11.0	25

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37	Loss of the neurodevelopmental gene Zswim6 alters striatal morphology and motor regulation. Neurobiology of Disease, 2017, 103, 174-183.	4.4	23
38	Enhanced derivation of mouse ESC-derived cortical interneurons by expression of Nkx2.1. Stem Cell Research, 2013, 11, 647-656.	0.7	18
39	Modular, Circuit-Based Interventions Rescue Hippocampal-Dependent Social and Spatial Memory in a 22q11.2 Deletion Syndrome Mouse Model. Biological Psychiatry, 2020, 88, 710-718.	1.3	15
40	Generation of cerebral cortical GABAergic interneurons from pluripotent stem cells. Stem Cells, 2020, 38, 1375-1386.	3.2	14
41	Reduction in focal ictal activity following transplantation of MGE interneurons requires expression of the GABAA receptor ÃŽÂ±4 subunit. Frontiers in Cellular Neuroscience, 2015, 9, 127.	3.7	12
42	Association of a functional Claudin-5 variant with schizophrenia in female patients with the 22q11.2 deletion syndrome. Schizophrenia Research, 2020, 215, 451-452.	2.0	12
43	Fate determination of cerebral cortical GABAergic interneurons and their derivation from stem cells. Brain Research, 2017, 1655, 277-282.	2.2	11
44	MitoScape: A big-data, machine-learning platform for obtaining mitochondrial DNA from next-generation sequencing data. PLoS Computational Biology, 2021, 17, e1009594.	3.2	11
45	Determination of Cell Fate within the Telencephalon. Chemical Senses, 2002, 27, 573-575.	2.0	6
46	Cell therapy for epilepsy using GABAergic neural progenitors. Epilepsia, 2010, 51, 94-94.	5.1	6
47	Atypical PKC and Notch Inhibition Differentially Modulate Cortical Interneuron Subclass Fate from Embryonic Stem Cells. Stem Cell Reports, 2017, 8, 1135-1143.	4.8	6
48	Dosage Counts: Correcting Trisomy-21-Related Phenotypes in Human Organoids and Xenografts. Cell Stem Cell, 2019, 24, 835-836.	11.1	6
49	Protocol for Tri-culture of hiPSC-Derived Neurons, Astrocytes, and Microglia. STAR Protocols, 2020, 1, 100190.	1.2	6
50	DLX-1, DLX-2, and DLX-5 expression define distinct stages of basal forebrain differentiation. , 1999, 414, 217.		2
51	Casting a (Perineuronal) Net: Connecting Early Life Stress to Neuropathological Changes and Enhanced Anxiety in Adults. Biological Psychiatry, 2019, 85, 981-982.	1.3	1
52	Differentiation of Mouse Embryonic Stem Cells into Cortical Interneuron Precursors. Journal of Visualized Experiments, 2017, , .	0.3	0