Denis Jabaudon

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8348455/publications.pdf

Version: 2024-02-01

54	4,464	172386	175177
papers	citations	29 h-index	52 g-index

69	69	69	5920
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Inhibition of Trpv4 rescues circuit and social deficits unmasked by acute inflammatory response in a Shank3 mouse model of Autism. Molecular Psychiatry, 2022, 27, 2080-2094.	4.1	20
2	miR-137 and miR-122, two outer subventricular zone non-coding RNAs, regulate basal progenitor expansion and neuronal differentiation. Cell Reports, 2022, 38, 110381.	2.9	13
3	Light-dependent development is tailored in visual neurons. Nature, 2022, 603, 37-38.	13.7	1
4	Heterogeneous fates of simultaneously-born neurons in the cortical ventricular zone. Scientific Reports, 2022, 12, 6022.	1.6	8
5	Mapping the molecular and cellular complexity of cortical malformations. Science, 2021, 371, .	6.0	57
6	PlexinA4-Semaphorin3A-mediated crosstalk between main cortical interneuron classes is required for superficial interneuron lamination. Cell Reports, 2021, 34, 108644.	2.9	10
7	An Early Cortical Progenitor-Specific Mechanism Regulates Thalamocortical Innervation. Journal of Neuroscience, 2021, 41, 6822-6835.	1.7	10
8	Corticospinal neuron subpopulation-specific developmental genes prospectively indicate mature segmentally specific axon projection targeting. Cell Reports, 2021, 37, 109843.	2.9	19
9	Temporal controls over inter-areal cortical projection neuron fate diversity. Nature, 2021, 599, 453-457.	13.7	37
10	Do progenitors play dice?. ELife, 2020, 9, .	2.8	13
11	Temporal plasticity of apical progenitors in the developing mouse neocortex. Nature, 2019, 573, 370-374.	13.7	88
12	Temporal patterning of apical progenitors and their daughter neurons in the developing neocortex. Science, 2019, 364, .	6.0	275
13	Principles of progenitor temporal patterning in the developing invertebrate and vertebrate nervous system. Current Opinion in Neurobiology, 2019, 56, 185-193.	2.0	47
14	A Translaminar Genetic Logic for the Circuit Identity of Intracortically Projecting Neurons. Current Biology, 2019, 29, 332-339.e5.	1.8	33
15	Transcriptional Dysregulation in Postnatal Glutamatergic Progenitors Contributes to Closure of the Cortical Neurogenic Period. Cell Reports, 2018, 22, 2567-2574.	2.9	16
16	Exploring landscapes of brain morphogenesis with organoids. Development (Cambridge), 2018, 145, .	1.2	20
17	In vivo pulse labeling of isochronic cohorts of cells in the central nervous system using FlashTag. Nature Protocols, 2018, 13, 2297-2311.	5.5	50
18	Progenitor Hyperpolarization Regulates the Sequential Generation of Neuronal Subtypes in the Developing Neocortex. Cell, 2018, 174, 1264-1276.e15.	13.5	118

#	Article	IF	Citations
19	A mixed model of neuronal diversity. Nature, 2018, 555, 452-454.	13.7	15
20	Transcriptomic and anatomic parcellation of 5-HT3AR expressing cortical interneuron subtypes revealed by single-cell RNA sequencing. Nature Communications, 2017, 8, 14219.	5.8	51
21	Coupling progenitor and neuronal diversity in the developing neocortex. FEBS Letters, 2017, 591, 3960-3977.	1.3	29
22	Input-dependent regulation of excitability controls dendritic maturation in somatosensory thalamocortical neurons. Nature Communications, 2017, 8, 2015.	5.8	30
23	Fate and freedom in developing neocortical circuits. Nature Communications, 2017, 8, 16042.	5.8	93
24	A cross-modal genetic framework for the development and plasticity of sensory pathways. Nature, 2016, 538, 96-98.	13.7	67
25	Cux1 Enables Interhemispheric Connections of Layer II/III Neurons by Regulating Kv1-Dependent Firing. Neuron, 2016, 89, 494-506.	3.8	64
26	Sequential transcriptional waves direct the differentiation of newborn neurons in the mouse neocortex. Science, 2016, 351, 1443-1446.	6.0	264
27	Area-specific development of distinct projection neuron subclasses is regulated by postnatal epigenetic modifications. ELife, 2016, 5, e09531.	2.8	87
28	Migration Speed of Cajal-Retzius Cells Modulated by Vesicular Trafficking Controls the Size of Higher-Order Cortical Areas. Current Biology, 2015, 25, 2466-2478.	1.8	54
29	In vivo rapid gene delivery into postmitotic neocortical neurons using iontoporation. Nature Protocols, 2015, 10, 25-32.	5.5	20
30	Specific activation of the paralemniscal pathway during nociception. European Journal of Neuroscience, 2014, 39, 1455-1464.	1.2	33
31	Nurturing the cortexÊ¼s thalamic nature. Current Opinion in Neurology, 2014, 27, 142-148.	1.8	12
32	Synaptic biology of barrel cortex circuit assembly. Seminars in Cell and Developmental Biology, 2014, 35, 156-164.	2.3	19
33	Retinal Input Directs the Recruitment of Inhibitory Interneurons into Thalamic Visual Circuits. Neuron, 2014, 81, 1057-1069.	3.8	63
34	Modality-specific thalamocortical inputs instruct the identity of postsynaptic L4 neurons. Nature, 2014, 511, 471-474.	13.7	116
35	In vivo reprogramming of circuit connectivity in postmitotic neocortical neurons. Nature Neuroscience, 2013, 16, 193-200.	7.1	167
36	RORÎ² Induces Barrel-like Neuronal Clusters in the Developing Neocortex. Cerebral Cortex, 2012, 22, 996-1006.	1.6	86

#	Article	IF	Citations
37	Unveiling the diversity of thalamocortical neuron subtypes. European Journal of Neuroscience, 2012, 35, 1524-1532.	1.2	154
38	Patterning of preâ€thalamic somatosensory pathways. European Journal of Neuroscience, 2012, 35, 1533-1539.	1.2	15
39	Development and plasticity of thalamocortical systems. European Journal of Neuroscience, 2012, 35, 1522-1523.	1.2	3
40	Excess of serotonin affects neocortical pyramidal neuron migration. Translational Psychiatry, 2011, 1, e47-e47.	2.4	52
41	Area-specific temporal control of corticospinal motor neuron differentiation by COUP-TFI. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 3576-3581.	3.3	111
42	SOX6 controls dorsal progenitor identity and interneuron diversity during neocortical development. Nature Neuroscience, 2009, 12, 1238-1247.	7.1	179
43	SOX5 Controls the Sequential Generation of Distinct Corticofugal Neuron Subtypes. Neuron, 2008, 57, 232-247.	3.8	273
44	Ctip2Controls the Differentiation of Medium Spiny Neurons and the Establishment of the Cellular Architecture of the Striatum. Journal of Neuroscience, 2008, 28, 622-632.	1.7	280
45	Preattentive interference between touch and audition: a case study on multisensory alloesthesia. NeuroReport, 2005, 16, 865-868.	0.6	12
46	Reaching beyond the midline: why are human brains cross wired?. Lancet Neurology, The, 2005, 4, 87-99.	4.9	87
47	Spontaneous carotid artery dissection. Neurology, 2004, 62, 281-281.	1.5	0
48	Are Cola Drinkers at Risk of Hypovitaminosis C?. Archives of Internal Medicine, 2004, 164, 2281.	4.3	0
49	Usefulness of Ambulatory 7-Day ECG Monitoring for the Detection of Atrial Fibrillation and Flutter After Acute Stroke and Transient Ischemic Attack. Stroke, 2004, 35, 1647-1651.	1.0	367
50	Pathogenesis and Diagnostic Pitfalls of Ventricular Diverticula: Case Report and Review of the Literature. Neurosurgery, 2003, 52, 209-212.	0.6	17
51	Cooperation between independent hippocampal synapses is controlled by glutamate uptake. Nature Neuroscience, 2002, 5, 325-331.	7.1	227
52	Acute decrease in net glutamate uptake during energy deprivation. Proceedings of the National Academy of Sciences of the United States of America, 2000, 97, 5610-5615.	3.3	219
53	Inhibition of uptake unmasks rapid extracellular turnover of glutamate of nonvesicular origin. Proceedings of the National Academy of Sciences of the United States of America, 1999, 96, 8733-8738.	3.3	283
54	BDNF stimulates expression, activity and release of tissue-type plasminogen activator in mouse cortical neurons. European Journal of Neuroscience, 1999, 11, 1639-1646.	1.2	46