

Olivier Cases

List of Publications by Year in descending order

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39
papers

5,178
citations

201674

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315739

38
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all docs

40
docs citations

40
times ranked

5225
citing authors

#	ARTICLE	IF	CITATIONS
1	Aggressive Behavior and Altered Amounts of Brain Serotonin and Norepinephrine in Mice Lacking MAOA. <i>Science</i> , 1995, 268, 1763-1766.	12.6	1,188
2	The developmental role of serotonin: news from mouse molecular genetics. <i>Nature Reviews Neuroscience</i> , 2003, 4, 1002-1012.	10.2	1,130
3	Lack of Barrels in the Somatosensory Cortex of Monoamine Oxidase A-deficient Mice: Role of a Serotonin Excess during the Critical Period. <i>Neuron</i> , 1996, 16, 297-307.	8.1	493
4	Transient Uptake and Storage of Serotonin in Developing Thalamic Neurons. <i>Neuron</i> , 1996, 17, 823-835.	8.1	318
5	Spatiotemporal expression patterns of slit and robo genes in the rat brain. <i>Journal of Comparative Neurology</i> , 2002, 442, 130-155.	1.6	233
6	Transient developmental expression of monoamine transporters in the rodent forebrain. <i>Journal of Comparative Neurology</i> , 1998, 401, 506-524.	1.6	196
7	Plasma Membrane Transporters of Serotonin, Dopamine, and Norepinephrine Mediate Serotonin Accumulation in Atypical Locations in the Developing Brain of Monoamine Oxidase A Knock-Outs. <i>Journal of Neuroscience</i> , 1998, 18, 6914-6927.	3.6	158
8	Embryonic depletion of serotonin affects cortical development. <i>European Journal of Neuroscience</i> , 2007, 26, 331-344.	2.6	138
9	Vitamin B12 absorption: Mammalian physiology and acquired and inherited disorders. <i>Biochimie</i> , 2013, 95, 1002-1007.	2.6	135
10	Effects of monoamine oxidase A inhibition on barrel formation in the mouse somatosensory cortex: Determination of a sensitive developmental period. , 1998, 393, 169-184.		128
11	Activity-Dependent Presynaptic Effect of Serotonin 1B Receptors on the Somatosensory Thalamocortical Transmission in Neonatal Mice. <i>Journal of Neuroscience</i> , 2002, 22, 886-900.	3.6	111
12	Defects of Tyrosine Hydroxylase-Immunoreactive Neurons in the Brains of Mice Lacking the Transcription Factor Pax6. <i>Journal of Neuroscience</i> , 2000, 20, 6501-6516.	3.6	84
13	Developmental expression of monoamine oxidases A and B in the central and peripheral nervous systems of the mouse. <i>Journal of Comparative Neurology</i> , 2002, 442, 331-347.	1.6	84
14	IL-9/IL-9 receptor signaling selectively protects cortical neurons against developmental apoptosis. <i>Cell Death and Differentiation</i> , 2008, 15, 1542-1552.	11.2	79
15	Overlapping expression patterns of the multiligand endocytic receptors cubilin and megalin in the CNS, sensory organs and developing epithelia of the rodent embryo. <i>Gene Expression Patterns</i> , 2005, 6, 69-78.	0.8	63
16	Neuronal organization of the melanin-concentrating hormone system in primitive actinopterygians: Evolutionary changes leading to teleosts. <i>Journal of Comparative Neurology</i> , 2002, 442, 99-114.	1.6	49
17	Effects of genetic depletion of monoamines on somatosensory cortical development. <i>Neuroscience</i> , 2002, 115, 753-764.	2.3	48
18	Expression of Cux-1 and Cux-2 in the developing somatosensory cortex of normal and barrel-defective mice. <i>The Anatomical Record Part A: Discoveries in Molecular, Cellular, and Evolutionary Biology</i> , 2006, 288A, 158-165.	2.0	47

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19	Interactions between TrkB Signaling and Serotonin Excess in the Developing Murine Somatosensory Cortex: A Role in Tangential and Radial Organization of Thalamocortical Axons. <i>Journal of Neuroscience</i> , 2002, 22, 4987-5000.	3.6	45
20	Megalyn mediates the influence of sonic hedgehog on oligodendrocyte precursor cell migration and proliferation during development. <i>Glia</i> , 2012, 60, 851-866.	4.9	44
21	Developmental Cell Death Is Enhanced in the Cerebral Cortex of Mice Lacking the Brain Vesicular Monoamine Transporter. <i>Journal of Neuroscience</i> , 2007, 27, 1315-1324.	3.6	43
22	Forebrain-specific Expression of Monoamine Oxidase A Reduces Neurotransmitter Levels, Restores the Brain Structure, and Rescues Aggressive Behavior in Monoamine Oxidase A-deficient Mice. <i>Journal of Biological Chemistry</i> , 2007, 282, 115-123.	3.4	43
23	Development of the dopaminergic neurons in the rodent brainstem. <i>Experimental Neurology</i> , 2005, 191, S104-S112.	4.1	42
24	Protracted expression of serotonin transporter and altered thalamocortical projections in the barrelfield of hypothyroid rats. <i>European Journal of Neuroscience</i> , 2001, 14, 1968-1980.	2.6	40
25	Foxg1-Cre Mediated Lrp2 Inactivation in the Developing Mouse Neural Retina, Ciliary and Retinal Pigment Epithelia Models Congenital High Myopia. <i>PLoS ONE</i> , 2015, 10, e0129518.	2.5	39
26	Biochemical characterization of the mammalian Cux2 protein. <i>Gene</i> , 2005, 344, 273-285.	2.2	38
27	Developmental expression pattern of monoamine oxidases in sensory organs and neural crest derivatives. <i>Journal of Comparative Neurology</i> , 2003, 464, 392-403.	1.6	34
28	Detailed investigations of proximal tubular function in Imlerslund-GrÅsbeck syndrome. <i>BMC Medical Genetics</i> , 2013, 14, 111.	2.1	31
29	Cubilin, a High Affinity Receptor for Fibroblast Growth Factor 8, Is Required for Cell Survival in the Developing Vertebrate Head. <i>Journal of Biological Chemistry</i> , 2013, 288, 16655-16670.	3.4	21
30	Impaired vitreous composition and retinal pigment epithelium function in the FoxG1::LRP2 myopic mice. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2017, 1863, 1242-1254.	3.8	19
31	Cubilin, the Intrinsic Factor-Vitamin B12 Receptor in Development and Disease. <i>Current Medicinal Chemistry</i> , 2020, 27, 3123-3150.	2.4	18
32	Loss of Cubilin, the intrinsic factor-vitamin B12 receptor, impairs visceral endoderm endocytosis and endodermal patterning in the mouse. <i>Scientific Reports</i> , 2019, 9, 10168.	3.3	12
33	Lack of FAM20A, Ectopic Gingival Mineralization and Chondro/Osteogenic Modifications in Enamel Renal Syndrome. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 605084.	3.7	9
34	Preliminary study of the safety and efficacy of medium-chain triglycerides for use as an intraocular tamponading agent in minipigs. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2017, 255, 1593-1604.	1.9	5
35	CORRELATIONS BETWEEN EXPERIMENTAL MYOPIA MODELS AND HUMAN PATHOLOGIC MYOPIA. <i>Retina</i> , 2019, 39, 621-635.	1.7	4
36	Inherited LRP2 dysfunction in human disease and animal models. <i>Journal of Rare Diseases Research & Treatment</i> , 2017, 2, 22-31.	1.1	4

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37	Pathogenesis of Enamel-Renal Syndrome Associated Gingival Fibromatosis: A Proteomic Approach. <i>Frontiers in Endocrinology</i> , 2021, 12, 752568.	3.5	2
38	Cubilin, the intrinsic factor-vitamin B12 receptor. <i>Vitamins and Hormones</i> , 2022, 119, 65-119.	1.7	2
39	<i>Response</i> : Aggression in Mice and Men?. <i>Science</i> , 1995, 270, 363-363.	12.6	1