

Cecilia Flores

List of Publications by Year in descending order

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Version: 2024-02-01

61
papers

2,075
citations

201674

27
h-index

265206

42
g-index

63
all docs

63
docs citations

63
times ranked

1991
citing authors

#	ARTICLE	IF	CITATIONS
1	Adolescence and Reward: Making Sense of Neural and Behavioral Changes Amid the Chaos. <i>Journal of Neuroscience</i> , 2017, 37, 10855-10866.	3.6	122
2	DCC Confers Susceptibility to Depression-like Behaviors in Humans and Mice and Is Regulated by miR-218. <i>Biological Psychiatry</i> , 2017, 81, 306-315.	1.3	108
3	The Netrin Receptor DCC Is Required in the Pubertal Organization of Mesocortical Dopamine Circuitry. <i>Journal of Neuroscience</i> , 2011, 31, 8381-8394.	3.6	104
4	Making Dopamine Connections in Adolescence. <i>Trends in Neurosciences</i> , 2017, 40, 709-719.	8.6	94
5	dcc orchestrates the development of the prefrontal cortex during adolescence and is altered in psychiatric patients. <i>Translational Psychiatry</i> , 2013, 3, e338-e338.	4.8	83
6	DCC Receptors Drive Prefrontal Cortex Maturation by Determining Dopamine Axon Targeting in Adolescence. <i>Biological Psychiatry</i> , 2018, 83, 181-192.	1.3	81
7	Long-Lasting Induction of Astrocytic Basic Fibroblast Growth Factor by Repeated Injections of Amphetamine: Blockade by Concurrent Treatment with a Glutamate Antagonist. <i>Journal of Neuroscience</i> , 1998, 18, 9547-9555.	3.6	79
8	Netrin receptor deficient mice exhibit functional reorganization of dopaminergic systems and do not sensitize to amphetamine. <i>Molecular Psychiatry</i> , 2005, 10, 606-612.	7.9	70
9	The Netrin-1/DCC guidance system: dopamine pathway maturation and psychiatric disorders emerging in adolescence. <i>Molecular Psychiatry</i> , 2020, 25, 297-307.	7.9	61
10	Netrin-1 receptor-deficient mice show enhanced mesocortical dopamine transmission and blunted behavioural responses to amphetamine. <i>European Journal of Neuroscience</i> , 2007, 26, 3215-3228.	2.6	60
11	Prenatal Inflammation-Induced Hypoferremia Alters Dopamine Function in the Adult Offspring in Rat: Relevance for Schizophrenia. <i>PLoS ONE</i> , 2010, 5, e10967.	2.5	56
12	Amphetamine in Adolescence Disrupts the Development of Medial Prefrontal Cortex Dopamine Connectivity in a dcc-Dependent Manner. <i>Neuropsychopharmacology</i> , 2015, 40, 1101-1112.	5.4	55
13	Association between schizophrenia and genetic variation in DCC: A case-control study. <i>Schizophrenia Research</i> , 2012, 137, 26-31.	2.0	53
14	Peri-Pubertal Emergence of UNC-5 Homologue Expression by Dopamine Neurons in Rodents. <i>PLoS ONE</i> , 2010, 5, e11463.	2.5	52
15	Role of netrin-1 in the organization and function of the mesocorticolimbic dopamine system. <i>Journal of Psychiatry and Neuroscience</i> , 2011, 36, 296-310.	2.4	51
16	MiR-218: a molecular switch and potential biomarker of susceptibility to stress. <i>Molecular Psychiatry</i> , 2020, 25, 951-964.	7.9	51
17	Leptin and interleukin-6 alter the function of mesolimbic dopamine neurons in a rodent model of prenatal inflammation. <i>Psychoneuroendocrinology</i> , 2012, 37, 956-969.	2.7	40
18	Increased ipsilateral expression of Fos following lateral hypothalamic self-stimulation. <i>Brain Research</i> , 1996, 720, 148-154.	2.2	39

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19	Fos-like immunoreactivity in the caudal diencephalon and brainstem following lateral hypothalamic self-stimulation. <i>Behavioural Brain Research</i> , 1997, 88, 275-279.	2.2	39
20	Fos-like immunoreactivity in forebrain regions following self-stimulation of the lateral hypothalamus and the ventral tegmental area. <i>Behavioural Brain Research</i> , 1997, 87, 239-251.	2.2	39
21	Ovariectomy of Adult Rats Leads to Increased Expression of Astrocytic Basic Fibroblast Growth Factor in the Ventral Tegmental Area and in Dopaminergic Projection Regions of the Entorhinal and Prefrontal Cortex. <i>Journal of Neuroscience</i> , 1999, 19, 8665-8673.	3.6	38
22	Dopamine Development in the Mouse Orbital Prefrontal Cortex Is Protracted and Sensitive to Amphetamine in Adolescence. <i>ENeuro</i> , 2018, 5, ENEURO.0372-17.2017.	1.9	37
23	Regulation of netrin-1 receptors by amphetamine in the adult brain. <i>Neuroscience</i> , 2007, 150, 764-773.	2.3	36
24	The Netrin-1/DCC Guidance Cue Pathway as a Molecular Target in Depression: Translational Evidence. <i>Biological Psychiatry</i> , 2020, 88, 611-624.	1.3	36
25	Mesocorticolimbic Dopamine Pathways Across Adolescence: Diversity in Development. <i>Frontiers in Neural Circuits</i> , 2021, 15, 735625.	2.8	35
26	Netrin-1 receptor in the ventral tegmental area is required for sensitization to amphetamine. <i>European Journal of Neuroscience</i> , 2010, 31, 1292-1302.	2.6	32
27	A non-invasive restraining system for awake mouse imaging. <i>Journal of Neuroscience Methods</i> , 2017, 287, 53-57.	2.5	32
28	Postpubertal emergence of a dopamine phenotype in netrin-1 receptor-deficient mice. <i>European Journal of Neuroscience</i> , 2009, 30, 1318-1328.	2.6	30
29	Early Adolescence is a Critical Period for the Maturation of Inhibitory Behavior. <i>Cerebral Cortex</i> , 2019, 29, 3676-3686.	2.9	28
30	Chronic phencyclidine treatment increases dendritic spine density in prefrontal cortex and nucleus accumbens neurons. <i>Synapse</i> , 2007, 61, 978-984.	1.2	27
31	Regulation of Glutamate Carboxypeptidase II Function in Corticolimbic Regions of Rat Brain by Phencyclidine, Haloperidol, and Clozapine. <i>Neuropsychopharmacology</i> , 2003, 28, 1227-1234.	5.4	25
32	Abolition of the behavioral phenotype of adult netrin-1 receptor deficient mice by exposure to amphetamine during the juvenile period. <i>Psychopharmacology</i> , 2011, 217, 505-514.	3.1	25
33	Non-Contingent Exposure to Amphetamine in Adolescence Recruits miR-218 to Regulate Dcc Expression in the VTA. <i>Neuropsychopharmacology</i> , 2018, 43, 900-911.	5.4	25
34	Mesocorticolimbic Connectivity and Volumetric Alterations in DCC Mutation Carriers. <i>Journal of Neuroscience</i> , 2018, 38, 4655-4665.	3.6	23
35	The Netrin-1 receptor DCC is a regulator of maladaptive responses to chronic morphine administration. <i>BMC Genomics</i> , 2014, 15, 345.	2.8	22
36	Unique Effects of Social Defeat Stress in Adolescent Male Mice on the Netrin-1/DCC Pathway, Prefrontal Cortex Dopamine and Cognition. <i>ENeuro</i> , 2021, 8, ENEURO.0045-21.2021.	1.9	22

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37	miR-218 in Adolescence Predicts and Mediates Vulnerability to Stress. <i>Biological Psychiatry</i> , 2021, 89, 911-919.	1.3	21
38	DCC-related developmental effects of abused versus therapeutic-like amphetamine doses in adolescence. <i>Addiction Biology</i> , 2020, 25, e12791.	2.6	20
39	Netrin-1 receptor-deficient mice show age-specific impairment in drug-induced locomotor hyperactivity but still self-administer methamphetamine. <i>Psychopharmacology</i> , 2013, 230, 607-616.	3.1	19
40	MicroRNA regulation of prefrontal cortex development and psychiatric risk in adolescence. <i>Seminars in Cell and Developmental Biology</i> , 2021, 118, 83-91.	5.0	19
41	Resilience to amphetamine in mouse models of netrin-1 haploinsufficiency: role of mesocortical dopamine. <i>Psychopharmacology</i> , 2015, 232, 3719-3729.	3.1	18
42	Adolescence: a time of transition for the phenotype of dcc heterozygous mice. <i>Psychopharmacology</i> , 2014, 231, 1705-1714.	3.1	17
43	Astrocytic basic fibroblast growth factor expression in dopaminergic regions after perinatal anoxia. <i>Biological Psychiatry</i> , 2002, 52, 362-370.	1.3	15
44	Dopamine Axon Targeting in the Nucleus Accumbens in Adolescence Requires Netrin-1. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 487.	3.7	15
45	Neural function in <i>DCC</i> mutation carriers with and without mirror movements. <i>Annals of Neurology</i> , 2019, 85, 433-442.	5.3	12
46	<i>unc5c</i> haploinsufficient phenotype: striking similarities with the <i>dcc</i> haploinsufficiency model. <i>European Journal of Neuroscience</i> , 2013, 38, 2853-2863.	2.6	11
47	<i>Dcc</i> haploinsufficiency regulates dopamine receptor expression across postnatal lifespan. <i>Neuroscience</i> , 2017, 346, 182-189.	2.3	11
48	Mesocortical Dopamine Phenotypes in Mice Lacking the Sonic Hedgehog Receptor <i>Cdon</i> . <i>ENeuro</i> , 2016, 3, ENEURO.0009-16.2016.	1.9	11
49	Corticolimbic DCC gene co-expression networks as predictors of impulsivity in children. <i>Molecular Psychiatry</i> , 2022, 27, 2742-2750.	7.9	10
50	<i>dcc</i> haploinsufficiency results in blunted sensitivity to cocaine enhancement of reward seeking. <i>Behavioural Brain Research</i> , 2016, 298, 27-31.	2.2	9
51	Adolescent dopamine development. , 2021, , 295-304.		9
52	Altered netrin-1 receptor expression in dopamine terminal regions following neonatal ventral hippocampal lesions in the rat. <i>Synapse</i> , 2009, 63, 54-60.	1.2	8
53	Guidance cues: linking drug use in adolescence with psychiatric disorders. <i>Neuropsychopharmacology</i> , 2019, 44, 225-226.	5.4	8
54	Juvenile exposure to methylphenidate reduces cocaine reward and alters netrin-1 receptor expression in adulthood. <i>Behavioural Brain Research</i> , 2012, 229, 202-207.	2.2	7

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55	Target-dependent expression of the netrin-1 receptor, UNC5C, in projection neurons of the ventral tegmental area. <i>Neuroscience</i> , 2014, 260, 36-46.	2.3	6
56	Haloperidol treatment downregulates DCC expression in the ventral tegmental area. <i>Neuroscience Letters</i> , 2014, 575, 58-62.	2.1	5
57	An optimized immunohistochemistry protocol for detecting the guidance cue Netrin-1 in neural tissue. <i>MethodsX</i> , 2018, 5, 1-7.	1.6	4
58	Low-cost conditioned place preference setup including video recording and analysis of behaviour. <i>MethodsX</i> , 2020, 7, 100899.	1.6	3
59	MicroRNAs as promising peripheral sensors of prefrontal cortex developmental trajectory and psychiatric risk. <i>Neuropsychopharmacology</i> , 2022, 47, 387-388.	5.4	2
60	Custom-Built Operant Conditioning Setup for Calcium Imaging and Cognitive Testing in Freely Moving Mice. <i>ENeuro</i> , 2022, 9, ENEURO.0430-21.2022.	1.9	2
61	Mechanisms of cortical development: From the embryo to adulthood. <i>Seminars in Cell and Developmental Biology</i> , 2021, 118, 1-3.	5.0	1