

Shannon L Gourley

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

66 papers	2,626 citations	25 h-index	51 g-index
74 ext. papers	3,066 ext. citations	5.8 avg, IF	5.33 L-index

#	Paper	IF	Citations
66	Chronic unpredictable stress decreases cell proliferation in the cerebral cortex of the adult rat. <i>Biological Psychiatry</i> , 2007 , 62, 496-504	7.9	269
65	Regionally specific regulation of ERK MAP kinase in a model of antidepressant-sensitive chronic depression. <i>Biological Psychiatry</i> , 2008 , 63, 353-9	7.9	222
64	A history of corticosterone exposure regulates fear extinction and cortical NR2B, GluR2/3, and BDNF. <i>Neuropsychopharmacology</i> , 2009 , 34, 707-16	8.7	172
63	Acute hippocampal brain-derived neurotrophic factor restores motivational and forced swim performance after corticosterone. <i>Biological Psychiatry</i> , 2008 , 64, 884-90	7.9	158
62	Corticosteroid-induced neural remodeling predicts behavioral vulnerability and resilience. <i>Journal of Neuroscience</i> , 2013 , 33, 3107-12	6.6	123
61	Going and stopping: Dichotomies in behavioral control by the prefrontal cortex. <i>Nature Neuroscience</i> , 2016 , 19, 656-664	25.5	118
60	Inhibition of Rho via Arg and p190RhoGAP in the postnatal mouse hippocampus regulates dendritic spine maturation, synapse and dendrite stability, and behavior. <i>Journal of Neuroscience</i> , 2007 , 27, 10982-92	6.6	101
59	Action control is mediated by prefrontal BDNF and glucocorticoid receptor binding. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 20714-9	11.5	90
58	Dissociable regulation of instrumental action within mouse prefrontal cortex. <i>European Journal of Neuroscience</i> , 2010 , 32, 1726-34	3.5	89
57	Recapitulation and reversal of a persistent depression-like syndrome in rodents. <i>Current Protocols in Neuroscience</i> , 2009 , Chapter 9, Unit 9.32	2.7	86
56	Integrin β signals through Arg to regulate postnatal dendritic arborization, synapse density, and behavior. <i>Journal of Neuroscience</i> , 2012 , 32, 2824-34	6.6	79
55	Arg kinase regulates prefrontal dendritic spine refinement and cocaine-induced plasticity. <i>Journal of Neuroscience</i> , 2012 , 32, 2314-23	6.6	75
54	The orbitofrontal cortex regulates outcome-based decision-making via the lateral striatum. <i>European Journal of Neuroscience</i> , 2013 , 38, 2382-8	3.5	66
53	Selective role of the catalytic PI3K subunit p110 α in impaired higher order cognition in fragile X syndrome. <i>Cell Reports</i> , 2015 , 11, 681-8	10.6	63
52	Antidepressant-like properties of oral riluzole and utility of incentive disengagement models of depression in mice. <i>Psychopharmacology</i> , 2012 , 219, 805-14	4.7	59
51	The Medial Orbitofrontal Cortex Regulates Sensitivity to Outcome Value. <i>Journal of Neuroscience</i> , 2016 , 36, 4600-13	6.6	57
50	Corticosterone regulates pERK1/2 map kinase in a chronic depression model. <i>Annals of the New York Academy of Sciences</i> , 2008 , 1148, 509-14	6.5	50

49	Connections of the Mouse Orbitofrontal Cortex and Regulation of Goal-Directed Action Selection by Brain-Derived Neurotrophic Factor. <i>Biological Psychiatry</i> , 2017 , 81, 366-377	7.9	49
48	Differential expression of cytoskeletal regulatory factors in the adolescent prefrontal cortex: Implications for cortical development. <i>Journal of Neuroscience Research</i> , 2017 , 95, 1123-1143	4.4	43
47	Loss of dendrite stabilization by the Abl-related gene (Arg) kinase regulates behavioral flexibility and sensitivity to cocaine. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 16859-64	11.5	41
46	Persistent effects of prior chronic exposure to corticosterone on reward-related learning and motivation in rodents. <i>Psychopharmacology</i> , 2013 , 225, 569-77	4.7	40
45	Benzodiazepines and heightened aggressive behavior in rats: reduction by GABA(A)/alpha(1) receptor antagonists. <i>Psychopharmacology</i> , 2005 , 178, 232-40	4.7	38
44	Increased dendrite branching in AbetaPP/PS1 mice and elongation of dendrite arbors by fasudil administration. <i>Journal of Alzheimers Disease</i> , 2010 , 20, 1003-8	4.3	34
43	Cytoskeletal determinants of stimulus-response habits. <i>Journal of Neuroscience</i> , 2013 , 33, 11811-6	6.6	33
42	Synaptic Cytoskeletal Plasticity in the Prefrontal Cortex Following Psychostimulant Exposure. <i>Traffic</i> , 2015 , 16, 919-40	5.7	25
41	Regulation of actions and habits by ventral hippocampal trkB and adolescent corticosteroid exposure. <i>PLoS Biology</i> , 2017 , 15, e2003000	9.7	25
40	Induction and Blockade of Adolescent Cocaine-Induced Habits. <i>Biological Psychiatry</i> , 2017 , 81, 595-605	7.9	25
39	Isoform-selective phosphoinositide 3-kinase inhibition ameliorates a broad range of fragile X syndrome-associated deficits in a mouse model. <i>Neuropsychopharmacology</i> , 2019 , 44, 324-333	8.7	24
38	Inhibiting Rho kinase promotes goal-directed decision making and blocks habitual responding for cocaine. <i>Nature Communications</i> , 2017 , 8, 1861	17.4	23
37	Glucocorticoid receptor regulation of action selection and prefrontal cortical dendritic spines. <i>Communicative and Integrative Biology</i> , 2013 , 6, e26068	1.7	23
36	Prelimbic cortex bdnf knock-down reduces instrumental responding in extinction. <i>Learning and Memory</i> , 2009 , 16, 756-60	2.8	23
35	Early-life cocaine interferes with BDNF-mediated behavioral plasticity. <i>Learning and Memory</i> , 2014 , 21, 253-7	2.8	22
34	Adolescent cocaine exposure simplifies orbitofrontal cortical dendritic arbors. <i>Frontiers in Pharmacology</i> , 2014 , 5, 228	5.6	22
33	Prefrontal cortical BDNF: A regulatory key in cocaine- and food-reinforced behaviors. <i>Neurobiology of Disease</i> , 2016 , 91, 326-35	7.5	22
32	Memory Retention Involves the Ventrolateral Orbitofrontal Cortex: Comparison with the Basolateral Amygdala. <i>Neuropsychopharmacology</i> , 2018 , 43, 373-383	8.7	19

31	GABAA α -mediated plasticity in the orbitofrontal cortex regulates context-dependent action selection. <i>Neuropsychopharmacology</i> , 2015 , 40, 1027-36	8.7	18
30	Social Isolation in Adolescence Disrupts Cortical Development and Goal-Dependent Decision-Making in Adulthood, Despite Social Reintegration. <i>ENeuro</i> , 2019 , 6,	3.9	18
29	Prefrontal cortical trkB, glucocorticoids, and their interactions in stress and developmental contexts. <i>Neuroscience and Biobehavioral Reviews</i> , 2018 , 95, 535-558	9	18
28	Developmentally divergent effects of Rho-kinase inhibition on cocaine- and BDNF-induced behavioral plasticity. <i>Behavioural Brain Research</i> , 2013 , 243, 171-5	3.4	17
27	Reward-Related Expectations Trigger Dendritic Spine Plasticity in the Mouse Ventrolateral Orbitofrontal Cortex. <i>Journal of Neuroscience</i> , 2019 , 39, 4595-4605	6.6	16
26	Adolescent-onset GABAA α silencing regulates reward-related decision making. <i>European Journal of Neuroscience</i> , 2015 , 42, 2114-2121	3.5	15
25	Involvement of the rodent prelimbic and medial orbitofrontal cortices in goal-directed action: A brief review. <i>Journal of Neuroscience Research</i> , 2020 , 98, 1020-1030	4.4	15
24	Corticosteroid-induced dendrite loss and behavioral deficiencies can be blocked by activation of Abl2/Arg kinase. <i>Molecular and Cellular Neurosciences</i> , 2017 , 85, 226-234	4.8	13
23	α -Integrins in the Developing Orbitofrontal Cortex Are Necessary for Expectancy Updating in Mice. <i>Journal of Neuroscience</i> , 2019 , 39, 6644-6655	6.6	11
22	Rho-kinase inhibition has antidepressant-like efficacy and expedites dendritic spine pruning in adolescent mice. <i>Neurobiology of Disease</i> , 2019 , 124, 520-530	7.5	11
21	Glucocorticoid-sensitive ventral hippocampal-orbitofrontal cortical connections support goal-directed action - Curt Richter Award Paper 2019. <i>Psychoneuroendocrinology</i> , 2019 , 110, 104436	5	9
20	Adolescent Corticosterone and TrkB Pharmacological Manipulations Sex-Dependently Impact Instrumental Reversal Learning Later in Life. <i>Frontiers in Behavioral Neuroscience</i> , 2017 , 11, 237	3.5	9
19	Bidirectional coordination of actions and habits by TrkB in mice. <i>Scientific Reports</i> , 2018 , 8, 4495	4.9	8
18	Cell adhesion signaling pathways: First responders to cocaine exposure?. <i>Communicative and Integrative Biology</i> , 2011 , 4, 30-3	1.7	8
17	Cell adhesion signaling pathways. <i>Communicative and Integrative Biology</i> , 2011 , 4, 30-33	1.7	7
16	Action-Outcome Expectancies Require Orbitofrontal Neurotrophin Systems in Naïve and Cocaine-Exposed Mice. <i>Neurotherapeutics</i> , 2020 , 17, 165-177	6.4	3
15	Anatomical specialties for value information. <i>Nature Neuroscience</i> , 2019 , 22, 685-686	25.5	2
14	Strain commonalities and differences in response-outcome decision making in mice. <i>Neurobiology of Learning and Memory</i> , 2016 , 131, 101-8	3.1	2

13	Morphological Responses of Excitatory Prelimbic and Orbitofrontal Cortical Neurons to Excess Corticosterone in Adolescence and Acute Stress in Adulthood. <i>Frontiers in Neuroanatomy</i> , 2020 , 14, 45	3.6	2
12	The PI3-Kinase p110 α Isoform Controls Severity of Cocaine-Induced Sequelae and Alters the Striatal Transcriptome. <i>Biological Psychiatry</i> , 2021 , 89, 959-969	7.9	2
11	Cell adhesion factors in the orbitofrontal cortex control cue-induced reinstatement of cocaine seeking and amygdala-dependent goal seeking. <i>Journal of Neuroscience</i> , 2021 ,	6.6	2
10	Inter-individual variability amplified through breeding reveals control of reward-related action strategies by Melanocortin-4 Receptor in the dorsomedial striatum.. <i>Communications Biology</i> , 2022 , 5, 116	6.7	1
9	The stressed orbitofrontal cortex. <i>Behavioral Neuroscience</i> , 2021 , 135, 202-209	2.1	1
8	Reward-related dynamical coupling between basolateral amygdala and nucleus accumbens. <i>Brain Structure and Function</i> , 2020 , 225, 1873-1888	4	0
7	Cumulative Stress Burden on Motivated Action Revealed. <i>Biological Psychiatry</i> , 2020 , 88, 514-516	7.9	0
6	Persistent behavioral and neurobiological consequences of social isolation during adolescence. <i>Seminars in Cell and Developmental Biology</i> , 2021 , 118, 73-82	7.5	0
5	Cell adhesion presence during adolescence controls the architecture of projection-defined prefrontal cortical neurons and reward-related action strategies later in life.. <i>Developmental Cognitive Neuroscience</i> , 2022 , 54, 101097	5.5	0
4	Intersections of sex and corticotropin-releasing factor. <i>Biological Psychiatry</i> , 2014 , 75, 838-9	7.9	
3	β Integrins Are Necessary for Medial Prefrontal Cortex Development and Function. <i>FASEB Journal</i> , 2019 , 33, 449.1	0.9	
2	A dubious distinction for females: rapid achievement of prefrontal cortical hypoactivity and cognitive deficit upon remifentanil self-administration. <i>Neuropsychopharmacology</i> , 2021 , 46, 1707-1708	8.7	
1	Brain systems in cocaine abstinence-induced anxiety-like behavior in rodents: A review. <i>Addiction Neuroscience</i> , 2022 , 2, 100012		