

# Shannon L Gourley

## List of Publications by Year in descending order

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Version: 2024-02-01

72  
papers

3,312  
citations

159585

30  
h-index

155660

55  
g-index

74  
all docs

74  
docs citations

74  
times ranked

3838  
citing authors

#	ARTICLE	IF	CITATIONS
1	<i>Cell</i> : detecting the source of differential expression at the sub-cell-type level from bulk RNA-seq data. <i>Briefings in Bioinformatics</i> , 2022, 23, .	6.5	4
2	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.	4.4	3
3	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.	4.0	1
4	Brain systems in cocaine abstinence-induced anxiety-like behavior in rodents: A review. <i>Addiction Neuroscience</i> , 2022, 2, 100012.	1.3	1
5	Isoform-selective PI3-kinase Inhibition Confers Partial Resilience to Cocaine Cessation-induced Anxiety-like Behavior. <i>FASEB Journal</i> , 2022, 36, .	0.5	0
6	The stressed orbitofrontal cortex.. <i>Behavioral Neuroscience</i> , 2021, 135, 202-209.	1.2	5
7	The PI3-Kinase p110 <sup>Î²</sup> Isoform Controls Severity of Cocaine-Induced Sequelae and Alters the Striatal Transcriptome. <i>Biological Psychiatry</i> , 2021, 89, 959-969.	1.3	3
8	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.	5.4	0
9	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, 41, 5923-5936.	3.6	6
10	Cocaine elevates Calcium-dependent activator protein for secretion 2 (CAPS2) in the mouse orbitofrontal cortex. <i>Developmental Neuroscience</i> , 2021, 43, 376-382.	2.0	0
11	Persistent behavioral and neurobiological consequences of social isolation during adolescence. <i>Seminars in Cell and Developmental Biology</i> , 2021, 118, 73-82.	5.0	12
12	Pyk2 Stabilizes Striatal Medium Spiny Neuron Structure and Striatal-Dependent Action. <i>Cells</i> , 2021, 10, 3442.	4.1	1
13	Action-Outcome Expectancies Require Orbitofrontal Neurotrophin Systems in Na <sup>+</sup> -ve and Cocaine-Exposed Mice. <i>Neurotherapeutics</i> , 2020, 17, 165-177.	4.4	5
14	Linking actions with their consequences within the ventrolateral orbital cortex. <i>Neuropsychopharmacology</i> , 2020, 45, 227-228.	5.4	0
15	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.	2.9	29
16	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.	1.7	5
17	Cumulative Stress Burden on Motivated Action Revealed. <i>Biological Psychiatry</i> , 2020, 88, 514-516.	1.3	1
18	Reward-related dynamical coupling between basolateral amygdala and nucleus accumbens. <i>Brain Structure and Function</i> , 2020, 225, 1873-1888.	2.3	6

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19	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.	5.4	37
20	Glucocorticoid-sensitive ventral hippocampal-orbitofrontal cortical connections support goal-directed action “Curt Richter Award Paper 2019. <i>Psychoneuroendocrinology</i> , 2019, 110, 104436.	2.7	19
21	Î²1-Integrins in the Developing Orbitofrontal Cortex Are Necessary for Expectancy Updating in Mice. <i>Journal of Neuroscience</i> , 2019, 39, 6644-6655.	3.6	16
22	Anatomical specialties for value information. <i>Nature Neuroscience</i> , 2019, 22, 685-686.	14.8	2
23	Reward-Related Expectations Trigger Dendritic Spine Plasticity in the Mouse Ventrolateral Orbitofrontal Cortex. <i>Journal of Neuroscience</i> , 2019, 39, 4595-4605.	3.6	27
24	Rho-kinase inhibition has antidepressant-like efficacy and expedites dendritic spine pruning in adolescent mice. <i>Neurobiology of Disease</i> , 2019, 124, 520-530.	4.4	19
25	Social Isolation in Adolescence Disrupts Cortical Development and Goal-Dependent Decision-Making in Adulthood, Despite Social Reintegration. <i>ENeuro</i> , 2019, 6, ENEURO.0318-19.2019.	1.9	35
26	Î²1 Integrins Are Necessary for Medial Prefrontal Cortex Development and Function. <i>FASEB Journal</i> , 2019, 33, 449.1.	0.5	0
27	Bidirectional coordination of actions and habits by TrkB in mice. <i>Scientific Reports</i> , 2018, 8, 4495.	3.3	16
28	Memory Retention Involves the Ventrolateral Orbitofrontal Cortex: Comparison with the Basolateral Amygdala. <i>Neuropsychopharmacology</i> , 2018, 43, 373-383.	5.4	29
29	Prefrontal cortical trkB, glucocorticoids, and their interactions in stress and developmental contexts. <i>Neuroscience and Biobehavioral Reviews</i> , 2018, 95, 535-558.	6.1	36
30	Editorial: Long-Term Consequences of Adolescent Drug Use: Evidence From Pre-clinical and Clinical Models. <i>Frontiers in Behavioral Neuroscience</i> , 2018, 12, 83.	2.0	20
31	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.	1.3	68
32	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.	2.2	17
33	Inhibiting Rho kinase promotes goal-directed decision making and blocks habitual responding for cocaine. <i>Nature Communications</i> , 2017, 8, 1861.	12.8	42
34	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.	2.9	56
35	Induction and Blockade of Adolescent Cocaine-Induced Habits. <i>Biological Psychiatry</i> , 2017, 81, 595-605.	1.3	41
36	Adolescent Corticosterone and TrkB Pharmacological Manipulations Sex-Dependently Impact Instrumental Reversal Learning Later in Life. <i>Frontiers in Behavioral Neuroscience</i> , 2017, 11, 237.	2.0	12

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37	Regulation of actions and habits by ventral hippocampal trkB and adolescent corticosteroid exposure. <i>PLoS Biology</i> , 2017, 15, e2003000.	5.6	33
38	Prefrontal cortical BDNF: A regulatory key in cocaine- and food-reinforced behaviors. <i>Neurobiology of Disease</i> , 2016, 91, 326-335.	4.4	33
39	The Medial Orbitofrontal Cortex Regulates Sensitivity to Outcome Value. <i>Journal of Neuroscience</i> , 2016, 36, 4600-4613.	3.6	83
40	Going and stopping: dichotomies in behavioral control by the prefrontal cortex. <i>Nature Neuroscience</i> , 2016, 19, 656-664.	14.8	164
41	Strain commonalities and differences in response-outcome decision making in mice. <i>Neurobiology of Learning and Memory</i> , 2016, 131, 101-108.	1.9	5
42	Adolescent onset GABA <sub>A</sub> $\alpha$ 1 silencing regulates reward-related decision making. <i>European Journal of Neuroscience</i> , 2015, 42, 2114-2121.	2.6	17
43	GABA $\alpha$ 1-Mediated Plasticity in the Orbitofrontal Cortex Regulates Context-Dependent Action Selection. <i>Neuropsychopharmacology</i> , 2015, 40, 1027-1036.	5.4	21
44	Synaptic Cytoskeletal Plasticity in the Prefrontal Cortex Following Psychostimulant Exposure. <i>Traffic</i> , 2015, 16, 919-940.	2.7	38
45	Selective Role of the Catalytic PI3K Subunit p110 $\beta$ in Impaired Higher Order Cognition in Fragile X Syndrome. <i>Cell Reports</i> , 2015, 11, 681-688.	6.4	72
46	Adolescent cocaine exposure simplifies orbitofrontal cortical dendritic arbors. <i>Frontiers in Pharmacology</i> , 2014, 5, 228.	3.5	42
47	Early-life cocaine interferes with BDNF-mediated behavioral plasticity. <i>Learning and Memory</i> , 2014, 21, 253-257.	1.3	25
48	Intersections of Sex and Corticotropin-Releasing Factor. <i>Biological Psychiatry</i> , 2014, 75, 838-839.	1.3	0
49	Persistent effects of prior chronic exposure to corticosterone on reward-related learning and motivation in rodents. <i>Psychopharmacology</i> , 2013, 225, 569-577.	3.1	50
50	Corticosteroid-Induced Neural Remodeling Predicts Behavioral Vulnerability and Resilience. <i>Journal of Neuroscience</i> , 2013, 33, 3107-3112.	3.6	139
51	Developmentally divergent effects of Rho-kinase inhibition on cocaine- and BDNF-induced behavioral plasticity. <i>Behavioural Brain Research</i> , 2013, 243, 171-175.	2.2	19
52	Glucocorticoid receptor regulation of action selection and prefrontal cortical dendritic spines. <i>Communicative and Integrative Biology</i> , 2013, 6, e26068.	1.4	25
53	The orbitofrontal cortex regulates outcome-based decision-making via the lateral striatum. <i>European Journal of Neuroscience</i> , 2013, 38, 2382-2388.	2.6	85
54	Cytoskeletal Determinants of Stimulus-Response Habits. <i>Journal of Neuroscience</i> , 2013, 33, 11811-11816.	3.6	37

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55	Integrin $\alpha$ 1 Signals through Arg to Regulate Postnatal Dendritic Arborization, Synapse Density, and Behavior. <i>Journal of Neuroscience</i> , 2012, 32, 2824-2834.	3.6	97
56	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, 20714-20719.	7.1	105
57	Arg Kinase Regulates Prefrontal Dendritic Spine Refinement and Cocaine-Induced Plasticity. <i>Journal of Neuroscience</i> , 2012, 32, 2314-2323.	3.6	83
58	Antidepressant-like properties of oral riluzole and utility of incentive disengagement models of depression in mice. <i>Psychopharmacology</i> , 2012, 219, 805-814.	3.1	73
59	Cell adhesion signaling pathways. <i>Communicative and Integrative Biology</i> , 2011, 4, 30-33.	1.4	8
60	Cell adhesion signaling pathways: First responders to cocaine exposure?. <i>Communicative and Integrative Biology</i> , 2011, 4, 30-3.	1.4	8
61	Dissociable regulation of instrumental action within mouse prefrontal cortex. <i>European Journal of Neuroscience</i> , 2010, 32, 1726-1734.	2.6	110
62	Increased Dendrite Branching in $\alpha$ 2PP/PS1 Mice and Elongation of Dendrite Arbors by Fasudil Administration. <i>Journal of Alzheimer's Disease</i> , 2010, 20, 1003-1008.	2.6	43
63	Prelimbic cortex <i>bdnf</i> knock-down reduces instrumental responding in extinction. <i>Learning and Memory</i> , 2009, 16, 756-760.	1.3	23
64	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, 16859-16864.	7.1	46
65	A History of Corticosterone Exposure Regulates Fear Extinction and Cortical NR2B, GluR2/3, and BDNF. <i>Neuropsychopharmacology</i> , 2009, 34, 707-716.	5.4	190
66	Recapitulation and Reversal of a Persistent Depression-like Syndrome in Rodents. <i>Current Protocols in Neuroscience</i> , 2009, 49, Unit 9.32.	2.6	112
67	Corticosterone Regulates pERK1/2 Map Kinase in a Chronic Depression Model. <i>Annals of the New York Academy of Sciences</i> , 2008, 1148, 509-514.	3.8	59
68	Regionally Specific Regulation of ERK MAP Kinase in a Model of Antidepressant-Sensitive Chronic Depression. <i>Biological Psychiatry</i> , 2008, 63, 353-359.	1.3	251
69	Acute Hippocampal Brain-Derived Neurotrophic Factor Restores Motivational and Forced Swim Performance After Corticosterone. <i>Biological Psychiatry</i> , 2008, 64, 884-890.	1.3	179
70	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, 10982-10992.	3.6	114
71	Chronic Unpredictable Stress Decreases Cell Proliferation in the Cerebral Cortex of the Adult Rat. <i>Biological Psychiatry</i> , 2007, 62, 496-504.	1.3	308
72	Benzodiazepines and heightened aggressive behavior in rats: reduction by GABA $\alpha$ 1 receptor antagonists. <i>Psychopharmacology</i> , 2005, 178, 232-240.	3.1	41