

Katia Gysling

List of Publications by Year in descending order

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72
papers

2,493
citations

257101

24
h-index

223531

46
g-index

72
all docs

72
docs citations

72
times ranked

2788
citing authors

#	ARTICLE	IF	CITATIONS
1	Morphine-induced activation of A10 dopamine neurons in the rat. <i>Brain Research</i> , 1983, 277, 119-127.	1.1	450
2	A lncRNA regulates alternative splicing via establishment of a splicing-specific chromatin signature. <i>Nature Structural and Molecular Biology</i> , 2015, 22, 370-376.	3.6	229
3	Role of noradrenergic projections to the bed nucleus of the stria terminalis in the regulation of the hypothalamic-pituitary-adrenal axis. <i>Brain Research Reviews</i> , 2004, 47, 145-160.	9.1	162
4	A comprehensive survey of non-canonical splice sites in the human transcriptome. <i>Nucleic Acids Research</i> , 2014, 42, 10564-10578.	6.5	109
5	Regulation of excitatory amino acid release by N-methyl-d-aspartate receptors in rat striatum: in vivo microdialysis studies. <i>Brain Research</i> , 1992, 585, 105-115.	1.1	105
6	EphA4 Activation of c-Abl Mediates Synaptic Loss and LTP Blockade Caused by Amyloid- β^2 Oligomers. <i>PLoS ONE</i> , 2014, 9, e92309.	1.1	75
7	Chronic Morphine Treatment and Withdrawal Increase Extracellular Levels of Norepinephrine in the Rat Bed Nucleus of the Stria Terminalis. <i>Journal of Neurochemistry</i> , 2002, 75, 741-748.	2.1	70
8	Nur transcription factors in stress and addiction. <i>Frontiers in Molecular Neuroscience</i> , 2013, 6, 44.	1.4	64
9	Corticotropin-releasing hormone and urocortin: redundant or distinctive functions?. <i>Brain Research Reviews</i> , 2004, 47, 116-125.	9.1	63
10	Noradrenaline inhibits glutamate release in the rat bed nucleus of the stria terminalis: In vivo microdialysis studies. , 1999, 55, 311-320.		59
11	Changes in extracellular levels of glutamate and aspartate in rat substantia nigra induced by dopamine receptor ligands: In vivo microdialysis studies. <i>Neurochemical Research</i> , 1995, 20, 159-169.	1.6	48
12	CRF binding protein facilitates the presence of CRF type 2 receptor on the cell surface. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 4075-4080.	3.3	44
13	Repeated administration of the selective kappa-opioid receptor agonist U-69593 increases stimulated dopamine extracellular levels in the rat nucleus accumbens. <i>Journal of Neuroscience Research</i> , 2006, 84, 450-459.	1.3	43
14	Nurr1 regulates RET expression in dopamine neurons of adult rat midbrain. <i>Journal of Neurochemistry</i> , 2010, 114, 1158-1167.	2.1	43
15	Effect of ethanol on dopamine synthesis and release from rat corpus striatum. <i>Biochemical Pharmacology</i> , 1976, 25, 157-162.	2.0	40
16	Regulation of norepinephrine release from the rat bed nucleus of the stria terminalis: In vivo microdialysis studies. , 1997, 50, 1040-1046.		40
17	Acute morphine administration increases extracellular DA levels in the rat lateral septum by decreasing the GABAergic inhibitory tone in the ventral tegmental area. <i>Journal of Neuroscience Research</i> , 2005, 81, 132-139.	1.3	40
18	Estrogen Receptors α and beta Differentially Regulate the Transcriptional Activity of the Urocortin Gene. <i>Journal of Neuroscience</i> , 2006, 26, 4908-4916.	1.7	37

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19	Aminochrome induces dopaminergic neuronal dysfunction: a new animal model for Parkinson's disease. <i>Cellular and Molecular Life Sciences</i> , 2016, 73, 3583-3597.	2.4	34
20	Lateral septum stimulation disinhibits dopaminergic neurons in the antero-ventral region of the ventral tegmental area: Role of GABA-A alpha 1 receptors. <i>Neuropharmacology</i> , 2018, 128, 76-85.	2.0	34
21	Regulation of [3H]norepinephrine release by N-methyl-D-aspartate receptors in minislices from the dentate gyrus and the CA1-CA3 area of the rat hippocampus. <i>Biochemical Pharmacology</i> , 1993, 46, 1983-1987.	2.0	33
22	Varenicline and cytisine: two nicotinic acetylcholine receptor ligands reduce ethanol intake in University of Chile bibulous rats. <i>Psychopharmacology</i> , 2013, 227, 287-298.	1.5	31
23	Corticotropin-releasing factor type-2 receptor and corticotropin-releasing factor-binding protein coexist in rat ventral tegmental area nerve terminals originated in the lateral hypothalamic area. <i>European Journal of Neuroscience</i> , 2016, 43, 220-229.	1.2	28
24	Regulation of endogenous noradrenaline release from the bed nucleus of stria terminalis. <i>Biochemical Pharmacology</i> , 1995, 49, 687-692.	2.0	26
25	Desipramine prevents the sustained increase in corticotropin-releasing hormone-like immunoreactivity induced by repeated immobilization stress in the rat central extended amygdala. <i>Journal of Neuroscience Research</i> , 2006, 84, 1270-1281.	1.3	25
26	Activation of GABA-B receptors induced by systemic amphetamine abolishes dopamine release in the lateral septum. <i>Journal of Neurochemistry</i> , 2010, 114, 1678-1686.	2.1	25
27	Raphe serotonergic neurons projecting to the olfactory bulb contain galanin or somatostatin but not neurotensin. <i>Brain Research Bulletin</i> , 1999, 49, 209-214.	1.4	23
28	Reduced dopamine and glutamate neurotransmission in the nucleus accumbens of quinpirole-sensitized rats hints at inhibitory D2 autoreceptor function. <i>Journal of Neurochemistry</i> , 2015, 134, 1081-1090.	2.1	23
29	Adrenalectomy decreases corticotropin-releasing hormone gene expression and increases noradrenaline and dopamine extracellular levels in the rat lateral bed nucleus of the stria terminalis. <i>Journal of Neuroscience Research</i> , 2005, 81, 140-152.	1.3	22
30	Modulation of dendritic release of dopamine by metabotropic glutamate receptors in rat substantia nigra. <i>Biochemical Pharmacology</i> , 2002, 63, 1343-1352.	2.0	20
31	The regulation of cholecystokinin release from rat caudatoputamen in vitro. <i>Brain Research</i> , 1987, 407, 110-116.	1.1	19
32	Dimethylamphoamphetamine and methylamphoamphetamine, two non-neurotoxic substrates of 5-HT transporters, have scant in vitro efficacy for the induction of transporter-mediated 5-HT release and currents. <i>Journal of Neurochemistry</i> , 2008, 105, 1770-1780.	2.1	19
33	Relevance of both type-1 and type-2 corticotropin releasing factor receptors in stress-induced relapse to cocaine seeking behaviour. <i>Biochemical Pharmacology</i> , 2012, 83, 1-5.	2.0	19
34	Corticotropin-Releasing Factor Receptors and Their Interacting Proteins: Functional Consequences. <i>Molecular Pharmacology</i> , 2016, 90, 627-632.	1.0	18
35	Mechanisms of Kappa Opioid Receptor Potentiation of Dopamine D2 Receptor Function in Quinpirole-Induced Locomotor Sensitization in Rats. <i>International Journal of Neuropsychopharmacology</i> , 2017, 20, 660-669.	1.0	18
36	Increased locomotor response to amphetamine induced by the repeated administration of the selective kappa-opioid receptor agonist U-69593. <i>Synapse</i> , 2007, 61, 771-777.	0.6	17

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37	Cocaine Effects on Dopaminergic Transmission Depend on a Balance between Sigma-1 and Sigma-2 Receptor Expression. <i>Frontiers in Molecular Neuroscience</i> , 2018, 11, 17.	1.4	17
38	Release of endogenous catecholamines from the striatum and bed nucleus of stria terminalis evoked by potassium and N-methyl-D-aspartate: In vitro microdialysis studies. <i>Journal of Neuroscience Research</i> , 1995, 40, 89-98.	1.3	16
39	Effects of in vitro ethanol and chronic ethanol consumption on the release of excitatory amino acids in the rat hippocampus. <i>Brain Research</i> , 1995, 674, 104-106.	1.1	16
40	N-Methyl-d-aspartate receptors and release of newly-synthesized [3H]dopamine in nucleus accumbens slices and its relationship with neocortical afferences. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 1991, 15, 663-676.	2.5	15
41	Exposure to repeated immobilization stress inhibits cocaine-induced increase in dopamine extracellular levels in the rat ventral tegmental area. <i>Pharmacological Research</i> , 2015, 101, 116-123.	3.1	15
42	Failure of chronic haloperidol treatment to alter levels of cholecystokinin in the rat brain striatum and olfactory tubercle-nucleus accumbens area. <i>Neuropeptides</i> , 1984, 4, 421-423.	0.9	14
43	Natural expression of immature Ucn antisense RNA in the rat brain. Evidence favoring bidirectional transcription of the Ucn gene locus. <i>Molecular Brain Research</i> , 2005, 139, 115-128.	2.5	14
44	Corticotropin-releasing factor binding protein enters the regulated secretory pathway in neuroendocrine cells and cortical neurons. <i>Neuropeptides</i> , 2011, 45, 273-279.	0.9	14
45	The Subcellular Distribution of Peptide Histidine Isoleucine Amide-27-Like Peptides in Rat Brain and Their Release from Rat Cerebral Cortical Slices In Vitro. <i>Journal of Neurochemistry</i> , 1985, 44, 255-259.	2.1	13
46	Differential effects of haloperidol on negative symptoms in drug-naive schizophrenic patients: effects on plasma homovanillic acid. <i>Schizophrenia Research</i> , 1993, 9, 29-34.	1.1	13
47	Cocaine Blocks Effects of Hunger Hormone, Ghrelin, Via Interaction with Neuronal Sigma-1 Receptors. <i>Molecular Neurobiology</i> , 2019, 56, 1196-1210.	1.9	13
48	4- α -Methylthioamphetamine Increases Dopamine in the Rat Striatum and has Rewarding Effects <i>In Vivo</i> . <i>Basic and Clinical Pharmacology and Toxicology</i> , 2012, 111, 371-379.	1.2	12
49	Social isolation of adolescent male rats increases anxiety and K ⁺ -induced dopamine release in the nucleus accumbens: Role of CRF α 1. <i>European Journal of Neuroscience</i> , 2021, 54, 4888-4905.	1.2	12
50	Differential regulation of dopamine release by N-methyl-d-aspartate receptors in rat striatum after partial and extreme lesions of the nigro-striatal pathway. <i>Brain Research</i> , 1998, 797, 255-266.	1.1	11
51	Differential effect of amphetamine over the corticotropin-releasing factor CRF2 receptor, the orexin OX1 receptor and the CRF2-OX1 heteroreceptor complex. <i>Neuropharmacology</i> , 2019, 152, 102-111.	2.0	11
52	Uptake and release of manganese by rat striatal slices. <i>Biochemical Pharmacology</i> , 1981, 30, 1833-1837.	2.0	10
53	Repeated Immobilization Stress Increases Nur77 Expression in the Bed Nucleus of the Stria Terminalis. <i>Neurotoxicity Research</i> , 2011, 20, 289-300.	1.3	10
54	The activation of metabotropic glutamate 5 receptors in the rat ventral tegmental area increases dopamine extracellular levels. <i>NeuroReport</i> , 2017, 28, 28-34.	0.6	10

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55	Inhibitory Control of Basolateral Amygdalar Transmission to the Prefrontal Cortex by Local Corticotrophin Type 2 Receptor. <i>International Journal of Neuropsychopharmacology</i> , 2020, 23, 108-116.	1.0	10
56	Long-term loss of dopamine release mediated by CRF-1 receptors in the rat lateral septum after repeated cocaine administration. <i>Behavioural Brain Research</i> , 2013, 250, 206-210.	1.2	8
57	Effect of ethanol on dibutyryl cyclic adenosine monophosphate- and theophyllinc-induced stimulation of dopamine biosynthesis by rat striatal slices. <i>Biochemical Pharmacology</i> , 1977, 26, 559-562.	2.0	7
58	Regulation of transmitter synthesis and release in mesolimbic dopaminergic nerve terminals. <i>Biochemical Pharmacology</i> , 1981, 30, 2157-2164.	2.0	7
59	Withdrawal from chronic amphetamine reduces dopamine transmission in the rat lateral septum. <i>Journal of Neuroscience Research</i> , 2014, 92, 937-943.	1.3	7
60	Crosstalk between dopamine D1 and corticotropin releasing factor type 2 receptors leads to occlusion of their ERK1/2 signaling. <i>Journal of Neurochemistry</i> , 2020, 155, 264-273.	2.1	7
61	Repeated treatment with the μ -opioid agonist U-69593 increases K ⁺ -stimulated dopamine release in the rat medial prefrontal cortex. <i>Synapse</i> , 2010, 64, 898-904.	0.6	6
62	Discovery of a macromolecular complex mediating the hunger suppressive actions of cocaine: Structural and functional properties. <i>Addiction Biology</i> , 2021, 26, e13017.	1.4	6
63	Lithium preincubation stimulates the potassium-induced release of cholecystokinin from slices of cerebral cortex and caudate-putamen incubated in vitro. <i>Brain Research</i> , 1987, 413, 365-367.	1.1	5
64	Effect of dopamine depletion upon the K ⁺ -evoked release of CCK from superfused striatal slices. <i>Neuroscience Letters</i> , 1990, 112, 313-317.	1.0	5
65	Studies of cholecystokinin in the rat bed nucleus of stria terminalis. <i>Biochemical Pharmacology</i> , 1993, 45, 2283-2288.	2.0	5
66	Opposite effects of acute and chronic amphetamine on Nurr1 and NF- κ B p65 in the rat ventral tegmental area. <i>Brain Research</i> , 2016, 1652, 14-20.	1.1	5
67	Activation of type 4 dopaminergic receptors in the prelimbic area of medial prefrontal cortex is necessary for the expression of innate fear behavior. <i>Behavioural Brain Research</i> , 2017, 324, 130-137.	1.2	5
68	Molecular Modeling of Structures and Interaction of Human Corticotropin-Releasing Factor (CRF) Binding Protein and CRF Type-2 Receptor. <i>Frontiers in Endocrinology</i> , 2018, 9, 43.	1.5	5
69	An Amphipathic Alpha-Helix in the Prodomain of Cocaine and Amphetamine Regulated Transcript Peptide Precursor Serves as Its Sorting Signal to the Regulated Secretory Pathway. <i>PLoS ONE</i> , 2013, 8, e59695.	1.1	5
70	Strengthening Efforts to Integrate Mental Health into Primary Health Care in Chile. <i>International Journal of Mental Health</i> , 2012, 41, 87-102.	0.5	3
71	Type 2 μ Corticotrophin Releasing Factor Receptor Forms a Heteromeric Complex With Dopamine D1 Receptor in Living Cells. <i>Frontiers in Pharmacology</i> , 2020, 10, 1501.	1.6	3
72	Reactive oxygen species modulate locomotor activity and dopamine extracellular levels induced by amphetamine in rats. <i>Behavioural Brain Research</i> , 2022, 427, 113857.	1.2	3