Nikhil M Urs

List of Publications by Year
in descending order

33 papers	1,092 citations	471371 17 h-index	434063 31 g-index
38 all docs	38 docs citations	38 times ranked	1807 citing authors

#	Article	IF	Citations
1	Distinct cortical and striatal actions of a Î²-arrestinâ€"biased dopamine D2 receptor ligand reveal unique antipsychotic-like properties. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E8178-E8186.	3.3	117
2	A Dopamine D1 Receptor-Dependent Î²-Arrestin Signaling Complex Potentially Regulates Morphine-Induced Psychomotor Activation but not Reward in Mice. Neuropsychopharmacology, 2011, 36, 551-558.	2.8	101
3	New Concepts in Dopamine D2 Receptor Biased Signaling and Implications for Schizophrenia Therapy. Biological Psychiatry, 2017, 81, 78-85.	0.7	99
4	Targeting Î²-arrestin2 in the treatment of <scp>l</scp> -DOPAâ€"induced dyskinesia in Parkinsonâ€™s disease. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E2517-26.	3.3	91
5	Deletion of GSK3Î² in D2R-expressing neurons reveals distinct roles for Î²-arrestin signaling in antipsychotic and lithium action. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 20732-20737.	3.3	78
6	Elucidation of G-protein and Î²-arrestin functional selectivity at the dopamine D2 receptor. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 7097-7102.	3.3	75
7	G Protein and Î²-Arrestin Signaling Bias at the Ghrelin Receptor. Journal of Biological Chemistry, 2014, 289, 33442-33455.	1.6	64
8	Î²-arrestin-2 is an essential regulator of pancreatic Î²-cell function under physiological and pathophysiological conditions. Nature Communications, 2017, 8, 14295.	5.8	63
9	A requirement for membrane cholesterol in the Î²-arrestin- and clathrin-dependent endocytosis of LPA1 lysophosphatidic acid receptors. Journal of Cell Science, 2005, 118, 5291-5304.	1.2	50
10	D₁Dopamine Receptor Coupling to PLCÎ² Regulates Forward Locomotion in Mice. Journal of Neuroscience, 2013, 33, 18125-18133.	1.7	46
11	Hepatic Î²-arrestin 2 is essential for maintaining euglycemia. Journal of Clinical Investigation, 2017, 127, 2941-2945.	3.9	40
12	ML314: A Biased Neurotensin Receptor Ligand for Methamphetamine Abuse. ACS Chemical Biology, 2016, 11, 1880-1890.	1.6	33
13	Integrated approaches to understanding antipsychotic drug action at GPCRs. Current Opinion in Cell Biology, 2014, 27, 56-62.	2.6	25
14	Enhanced tyrosine hydroxylase activity induces oxidative stress, causes accumulation of autotoxic catecholamine metabolites, and augments amphetamine effects in vivo. Journal of Neurochemistry, 2021, 158, 960-979.	2.1	22
15	Dopamine D2 Receptor Relies upon PPM/PP2C Protein Phosphatases to Dephosphorylate Huntingtin Protein. Journal of Biological Chemistry, 2014, 289, 11715-11724.	1.6	21
16	Selective Deletion of GRK2 Alters Psychostimulant-Induced Behaviors and Dopamine Neurotransmission. Neuropsychopharmacology, 2014, 39, 2450-2462.	2.8	19
17	Different Mechanisms Regulate Lysophosphatidic Acid (LPA)-dependent Versus Phorbol Ester-dependent Internalization of the LPA1 Receptor. Journal of Biological Chemistry, 2008, 283, 5249-5257.	1.6	18
18	Deletion of Glycogen Synthase Kinase-3Î² in D2 Receptorâ€"Positive Neurons Ameliorates Cognitive Impairment via NMDA Receptorâ€"Dependent Synaptic Plasticity. Biological Psychiatry, 2020, 87, 745-755.	0.7	17

#	Article	IF	Citations
19	Beneficial metabolic role of Î²-arrestin-1 expressed by AgRP neurons. Science Advances, 2020, 6, eaaz1341.	4.7	17
20	Defining Structureâ€“Functional Selectivity Relationships (SFSR) for a Class of Non-Catechol Dopamine D₁ Receptor Agonists. Journal of Medicinal Chemistry, 2019, 62, 3753-3772.	2.9	15
21	Î±-Synuclein-induced dysregulation of neuronal activity contributes to murine dopamine neuron vulnerability. Npj Parkinson's Disease, 2021, 7, 76.	2.5	14
22	Ghrelin receptor antagonism of hyperlocomotion in cocaineâ€sensitized mice requires Î²arrestinâ€2. Synapse, 2018, 72, e22012.	0.6	12
23	Slow-release delivery enhances the pharmacological properties of oral 5-hydroxytryptophan: mouse proof-of-concept. Neuropsychopharmacology, 2019, 44, 2082-2090.	2.8	10
24	Loss of Î²â€arrestin2 in D2 cells alters neuronal excitability in the nucleus accumbens and behavioral responses to psychostimulants and opioids. Addiction Biology, 2020, 25, e12823.	1.4	9
25	Targeting Î²-Arrestins in the Treatment of Psychiatric and Neurological Disorders. CNS Drugs, 2021, 35, 253-264.	2.7	8
26	Retrograde Labeling Illuminates Distinct Topographical Organization of D1 and D2 Receptor-Positive Pyramidal Neurons in the Prefrontal Cortex of Mice. ENeuro, 2020, 7, ENEURO.0194-20.2020.	0.9	8
27	Structureâ€“Functionalâ€“Selectivity Relationship Studies of Novel Apomorphine Analogs to Develop D1R/D2R Biased Ligands. ACS Medicinal Chemistry Letters, 2020, 11, 385-392.	1.3	6
28	A role for cortical dopamine in the paradoxical calming effects of psychostimulants. Scientific Reports, 2022, 12, 3129.	1.6	4
29	Methods to Investigate the Role of Î²-Arrestin Signaling in Parkinsonâ€™s Disease. Methods in Molecular Biology, 2019, 1957, 385-391.	0.4	3
30	Retrograde Labeling Illuminates Distinct Topographical Organization of D1 and D2 Receptor-Positive Pyramidal Neurons in the Prefrontal Cortex of Mice. ENeuro, 2020, 7, .	0.9	2
31	Structureâ€“Functional Selectivity Relationship Studies on A-86929 Analogs and Small Aryl Fragments toward the Discovery of Biased Dopamine D1 Receptor Agonists. ACS Chemical Neuroscience, 2022, 13, 1818-1831.	1.7	2
32	A Role for Cortical Dopamine in the Paradoxical Calming Effects of Psychostimulants. FASEB Journal, 2022, 36, .	0.2	0
33	Role of Cortical Dopamine circuits in regulating Striatal Dopamine dynamics during Reversal Learning. FASEB Journal, 2022, 36, .	0.2	0