

Nikhil M Urs

List of Publications by Year in descending order

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33
papers

1,092
citations

471509

17
h-index

434195

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 β -arrestin ¹ -biased dopamine D2 receptor ligand reveal unique antipsychotic-like properties. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E8178-E8186.	7.1	117
2	A Dopamine D1 Receptor-Dependent β -Arrestin Signaling Complex Potentially Regulates Morphine-Induced Psychomotor Activation but not Reward in Mice. <i>Neuropsychopharmacology</i> , 2011, 36, 551-558.	5.4	101
3	New Concepts in Dopamine D2 Receptor Biased Signaling and Implications for Schizophrenia Therapy. <i>Biological Psychiatry</i> , 2017, 81, 78-85.	1.3	99
4	Targeting β -arrestin2 in the treatment of α -DOPA ¹ -induced dyskinesia in Parkinson ¹ 's disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E2517-26.	7.1	91
5	Deletion of GSK3 β in D2R-expressing neurons reveals distinct roles for β -arrestin signaling in antipsychotic and lithium action. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 20732-20737.	7.1	78
6	Elucidation of G-protein and β -arrestin functional selectivity at the dopamine D2 receptor. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 7097-7102.	7.1	75
7	G Protein and β -Arrestin Signaling Bias at the Ghrelin Receptor. <i>Journal of Biological Chemistry</i> , 2014, 289, 33442-33455.	3.4	64
8	β -arrestin-2 is an essential regulator of pancreatic β -cell function under physiological and pathophysiological conditions. <i>Nature Communications</i> , 2017, 8, 14295.	12.8	63
9	A requirement for membrane cholesterol in the β -arrestin- and clathrin-dependent endocytosis of LPA1 lysophosphatidic acid receptors. <i>Journal of Cell Science</i> , 2005, 118, 5291-5304.	2.0	50
10	Dopamine Receptor Coupling to PLC β Regulates Forward Locomotion in Mice. <i>Journal of Neuroscience</i> , 2013, 33, 18125-18133.	3.6	46
11	Hepatic β -arrestin 2 is essential for maintaining euglycemia. <i>Journal of Clinical Investigation</i> , 2017, 127, 2941-2945.	8.2	40
12	ML314: A Biased Neurotensin Receptor Ligand for Methamphetamine Abuse. <i>ACS Chemical Biology</i> , 2016, 11, 1880-1890.	3.4	33
13	Integrated approaches to understanding antipsychotic drug action at GPCRs. <i>Current Opinion in Cell Biology</i> , 2014, 27, 56-62.	5.4	25
14	Enhanced tyrosine hydroxylase activity induces oxidative stress, causes accumulation of autotoxic catecholamine metabolites, and augments amphetamine effects in vivo. <i>Journal of Neurochemistry</i> , 2021, 158, 960-979.	3.9	22
15	Dopamine D2 Receptor Relies upon PPM/PP2C Protein Phosphatases to Dephosphorylate Huntingtin Protein. <i>Journal of Biological Chemistry</i> , 2014, 289, 11715-11724.	3.4	21
16	Selective Deletion of GRK2 Alters Psychostimulant-Induced Behaviors and Dopamine Neurotransmission. <i>Neuropsychopharmacology</i> , 2014, 39, 2450-2462.	5.4	19
17	Different Mechanisms Regulate Lysophosphatidic Acid (LPA)-dependent Versus Phorbol Ester-dependent Internalization of the LPA1 Receptor. <i>Journal of Biological Chemistry</i> , 2008, 283, 5249-5257.	3.4	18
18	Deletion of Glycogen Synthase Kinase-3 β in D2 Receptor ¹ -Positive Neurons Ameliorates Cognitive Impairment via NMDA Receptor ¹ -Dependent Synaptic Plasticity. <i>Biological Psychiatry</i> , 2020, 87, 745-755.	1.3	17

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19	Beneficial metabolic role of β -arrestin-1 expressed by AgRP neurons. <i>Science Advances</i> , 2020, 6, eaaz1341.	10.3	17
20	Defining Structure-Functional Selectivity Relationships (SFSR) for a Class of Non-Catechol Dopamine D ₁ Receptor Agonists. <i>Journal of Medicinal Chemistry</i> , 2019, 62, 3753-3772.	6.4	15
21	β -Synuclein-induced dysregulation of neuronal activity contributes to murine dopamine neuron vulnerability. <i>Npj Parkinson's Disease</i> , 2021, 7, 76.	5.3	14
22	Ghrelin receptor antagonism of hyperlocomotion in cocaine-sensitized mice requires β -arrestin. <i>Synapse</i> , 2018, 72, e22012.	1.2	12
23	Slow-release delivery enhances the pharmacological properties of oral 5-hydroxytryptophan: mouse proof-of-concept. <i>Neuropsychopharmacology</i> , 2019, 44, 2082-2090.	5.4	10
24	Loss of β -arrestin2 in D2 cells alters neuronal excitability in the nucleus accumbens and behavioral responses to psychostimulants and opioids. <i>Addiction Biology</i> , 2020, 25, e12823.	2.6	9
25	Targeting β -Arrestins in the Treatment of Psychiatric and Neurological Disorders. <i>CNS Drugs</i> , 2021, 35, 253-264.	5.9	8
26	Retrograde Labeling Illuminates Distinct Topographical Organization of D1 and D2 Receptor-Positive Pyramidal Neurons in the Prefrontal Cortex of Mice. <i>ENeuro</i> , 2020, 7, ENEURO.0194-20.2020.	1.9	8
27	Structure-Functional Selectivity Relationship Studies of Novel Apomorphine Analogs to Develop D1R/D2R Biased Ligands. <i>ACS Medicinal Chemistry Letters</i> , 2020, 11, 385-392.	2.8	6
28	A role for cortical dopamine in the paradoxical calming effects of psychostimulants. <i>Scientific Reports</i> , 2022, 12, 3129.	3.3	4
29	Methods to Investigate the Role of β -Arrestin Signaling in Parkinson's Disease. <i>Methods in Molecular Biology</i> , 2019, 1957, 385-391.	0.9	3
30	Retrograde Labeling Illuminates Distinct Topographical Organization of D1 and D2 Receptor-Positive Pyramidal Neurons in the Prefrontal Cortex of Mice. <i>ENeuro</i> , 2020, 7, .	1.9	2
31	Structure-Functional Selectivity Relationship Studies on A-86929 Analogs and Small Aryl Fragments toward the Discovery of Biased Dopamine D1 Receptor Agonists. <i>ACS Chemical Neuroscience</i> , 2022, 13, 1818-1831.	3.5	2
32	A Role for Cortical Dopamine in the Paradoxical Calming Effects of Psychostimulants. <i>FASEB Journal</i> , 2022, 36, .	0.5	0
33	Role of Cortical Dopamine circuits in regulating Striatal Dopamine dynamics during Reversal Learning. <i>FASEB Journal</i> , 2022, 36, .	0.5	0