

Noelle C Anastasio

List of Publications by Year in descending order

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Version: 2024-02-01

61
papers

1,557
citations

304743

22
h-index

315739

38
g-index

61
all docs

61
docs citations

61
times ranked

1663
citing authors

#	ARTICLE	IF	CITATIONS
1	408 In vivo calcium imaging in the medial prefrontal cortex reveals novel site of action for therapeutic effects of Neuromedin U. <i>Journal of Clinical and Translational Science</i> , 2022, 6, 78-79.	0.6	0
2	Râ€“(â€“)2,5â€“dimethoxyâ€“4â€“iodoamphetamine (DOI) Blunts the Discriminative Stimulus Properties of Oxycodone. <i>FASEB Journal</i> , 2022, 36, .	0.5	0
3	Transcriptomic Profiling Reveals Mesolimbic Gene Targets Associated with Oxycodoneâ€“Seeking During Abstinence. <i>FASEB Journal</i> , 2022, 36, .	0.5	0
4	A serotonergic biobehavioral signature differentiates cocaine use disorder participants administered mirtazapine. <i>Translational Psychiatry</i> , 2022, 12, 187.	4.8	1
5	Blunted prefrontal signature of proactive inhibitory control in cocaine use disorder. <i>Drug and Alcohol Dependence</i> , 2021, 218, 108402.	3.2	7
6	Subanesthetic ketamine with an AMPA _{kine} attenuates motor impulsivity in rats. <i>Behavioural Pharmacology</i> , 2021, 32, 335-344.	1.7	3
7	Oleamide Analogues as Positive Allosteric Modulators of the Serotonin (5â€“HT) 5â€“HT _{2C} and 5â€“HT _{2A} Receptors. <i>FASEB Journal</i> , 2021, 35, .	0.5	0
8	Bromodomainâ€“Containing Protein 4 (BRD4) Inhibitors as Emerging Therapeutics for Opioid Use Disorder. <i>FASEB Journal</i> , 2021, 35, .	0.5	0
9	Phenotypic Motor Impulsivity is Dynamically Altered Following Oxycodone Selfâ€“Administration in Male Rats. <i>FASEB Journal</i> , 2021, 35, .	0.5	0
10	Safety and Preliminary Efficacy of Lorcaserin for Cocaine Use Disorder: A Phase I Randomized Clinical Trial. <i>Frontiers in Psychiatry</i> , 2021, 12, 666945.	2.6	14
11	Discovery of 4-Phenylpiperidine-2-Carboxamide Analogues as Serotonin 5-HT_{2C} Receptor-Positive Allosteric Modulators with Enhanced Drug-like Properties. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 7529-7544.	6.4	14
12	Suppression of cocaine relapse-like behaviors upon pimavanserin and lorcaserin co-administration. <i>Neuropharmacology</i> , 2020, 168, 108009.	4.1	18
13	Methylation Patterns of the HTR2A Associate With Relapse-Related Behaviors in Cocaine-Dependent Participants. <i>Frontiers in Psychiatry</i> , 2020, 11, 532.	2.6	8
14	Serotonin neurobiology in cocaine use disorder. <i>Handbook of Behavioral Neuroscience</i> , 2020, 31, 745-802.	0.7	5
15	Inherent Motor Impulsivity Associates with Specific Gene Targets in the Rat Medial Prefrontal Cortex. <i>Neuroscience</i> , 2020, 435, 161-173.	2.3	4
16	Standard and High Fat Food Intake is Suppressed by PF5190457, the Ghrelin Growth Hormone Secretagogue 11± Receptor Inverse Agonist/Antagonist. <i>FASEB Journal</i> , 2020, 34, 1-1.	0.5	0
17	Studies of Continuous Lorcaserin Plus Buprenorphine in Rat Fentanyl Selfâ€“Administration. <i>FASEB Journal</i> , 2020, 34, 1-1.	0.5	0
18	Profile of cortical N-methyl-D-aspartate receptor subunit expression associates with inherent motor impulsivity in rats. <i>Biochemical Pharmacology</i> , 2019, 168, 204-213.	4.4	9

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19	Serotonin 5-HT _{2C} Receptor Cys23Ser Single Nucleotide Polymorphism Associates with Receptor Function and Localization In Vitro. <i>Scientific Reports</i> , 2019, 9, 16737.	3.3	4
20	Cingulo-hippocampal effective connectivity positively correlates with drug-cue attentional bias in opioid use disorder. <i>Psychiatry Research - Neuroimaging</i> , 2019, 294, 110977.	1.8	5
21	In Vivo and In Vitro Analyses of Novel Peptidomimetic Disruptors for the Serotonin 5-HT _{2C} Receptor Interaction With Phosphatase and Tensin Homolog. <i>Frontiers in Pharmacology</i> , 2019, 10, 907.	3.5	6
22	Convergent neural connectivity in motor impulsivity and high-fat food binge-like eating in male Sprague-Dawley rats. <i>Neuropsychopharmacology</i> , 2019, 44, 1752-1761.	5.4	27
23	Binge-Type Eating in Rats is Facilitated by Neuromedin U Receptor 2 in the Nucleus Accumbens and Ventral Tegmental Area. <i>Nutrients</i> , 2019, 11, 327.	4.1	12
24	The 5-HT _{2A} Receptor (5-HT _{2A} R) Regulates Impulsive Action and Cocaine Cue Reactivity in Male Sprague-Dawley Rats. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2019, 368, 41-49.	2.5	26
25	Anterior insula activity regulates the associated behaviors of high fat food binge intake and cue reactivity in male rats. <i>Appetite</i> , 2019, 133, 231-239.	3.7	15
26	Endogenous Serotonin 5-HT _{2A} and 5-HT _{2C} Receptors Associate in the Medial Prefrontal Cortex. <i>ACS Chemical Neuroscience</i> , 2019, 10, 3241-3248.	3.5	30
27	Design, Synthesis, and Characterization of 4-Undecylpiperidine-2-carboxamides as Positive Allosteric Modulators of the Serotonin (5-HT) 5-HT _{2C} Receptor. <i>Journal of Medicinal Chemistry</i> , 2019, 62, 288-305.	6.4	28
28	Design, Synthesis, In Vitro , and In Silico Evaluation of a Novel Series of Serotonin 5-HT _{2C} Receptor (5-HT _{2C} R) Positive Allosteric Modulators (PAMs). <i>FASEB Journal</i> , 2019, 33, 667.10.	0.5	0
29	Synthesis and activity of functionalizable derivatives of the serotonin (5-HT) 5-HT _{2A} receptor (5-HT _{2A}) Tj ETQq1 1,0,784314 rgBT /Ove	2.2	5
30	Novel Bivalent 5-HT _{2A} Receptor Antagonists Exhibit High Affinity and Potency <i>in Vitro</i> and Efficacy <i>in Vivo</i> . <i>ACS Chemical Neuroscience</i> , 2018, 9, 514-521.	3.5	10
31	Pimavanserin and Lorcaserin Attenuate Measures of Binge Eating in Male Sprague-Dawley Rats. <i>Frontiers in Pharmacology</i> , 2018, 9, 1424.	3.5	11
32	Serotonin 5-HT _{2C} Receptor Activation Suppresses Binge Intake and the Reinforcing and Motivational Properties of High-Fat Food. <i>Frontiers in Pharmacology</i> , 2018, 9, 821.	3.5	17
33	Biophysical validation of serotonin 5-HT _{2A} and 5-HT _{2C} receptor interaction. <i>PLoS ONE</i> , 2018, 13, e0203137.	2.5	38
34	A Protocol for Measuring Cue Reactivity in a Rat Model of Cocaine Use Disorder. <i>Journal of Visualized Experiments</i> , 2018, , .	0.3	5
35	CGP37849 \hat{t} . , 2018, , .		0
36	Biophysical identification of the 5-HT _{2A} receptor:5-HT _{2C} receptor interaction in vitro. <i>FASEB Journal</i> , 2018, 32, 685.10.	0.5	0

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37	Lorcaserin Suppresses Oxycodone Self-Administration and Relapse Vulnerability in Rats. ACS Chemical Neuroscience, 2017, 8, 1065-1073.	3.5	83
38	Synthesis and Structure-Activity Relationships of Tool Compounds Based on WAY163909, a 5-HT _{2C} Receptor Agonist. ACS Chemical Neuroscience, 2017, 8, 1004-1010.	3.5	7
39	Blockade of the 5-HT transporter contributes to the behavioural, neuronal and molecular effects of cocaine. British Journal of Pharmacology, 2017, 174, 2716-2738.	5.4	28
40	Is There a Causal Relation between Maternal Acetaminophen Administration and ADHD?. PLoS ONE, 2016, 11, e0157380.	2.5	9
41	Rapid-response impulsivity: Definitions, measurement issues, and clinical implications.. Personality Disorders: Theory, Research, and Treatment, 2015, 6, 168-181.	1.3	124
42	Individual Differences in Impulsive Action Reflect Variation in the Cortical Serotonin 5-HT _{2A} Receptor System. Neuropsychopharmacology, 2015, 40, 1957-1968.	5.4	47
43	Evaluation of the dopamine D ² -hydroxylase (D ² H) inhibitor nopicastat in participants who meet criteria for cocaine use disorder. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2015, 59, 40-48.	4.8	18
44	Serotonin (5-HT) 5-HT _{2A} Receptor (5-HT _{2A} R):5-HT _{2C} R Imbalance in Medial Prefrontal Cortex Associates with Motor Impulsivity. ACS Chemical Neuroscience, 2015, 6, 1248-1258.	3.5	73
45	Serotonin at the nexus of impulsivity and cue reactivity in cocaine addiction. Neuropharmacology, 2014, 76, 460-478.	4.1	112
46	Functional Status of the Serotonin 5-HT _{2C} Receptor (5-HT _{2CR}) Drives Interlocked Phenotypes that Precipitate Relapse-Like Behaviors in Cocaine Dependence. Neuropsychopharmacology, 2014, 39, 360-372.	5.4	67
47	Peptide Inhibitors Disrupt the Serotonin 5-HT _{2C} Receptor Interaction with Phosphatase and Tensin Homolog to Allosterically Modulate Cellular Signaling and Behavior. Journal of Neuroscience, 2013, 33, 1615-1630.	3.6	34
48	Synergism Between a Serotonin 5-HT _{2A} Receptor (5-HT _{2AR}) Antagonist and 5-HT _{2CR} Agonist Suggests New Pharmacotherapeutics for Cocaine Addiction. ACS Chemical Neuroscience, 2013, 4, 110-121.	3.5	82
49	Exploration of Synthetic Approaches and Pharmacological Evaluation of PNU-69176E and Its Stereoisomer as 5-HT _{2C} Receptor Allosteric Modulators. ACS Chemical Neuroscience, 2012, 3, 538-545.	3.5	29
50	Selective serotonin 5-HT _{2C} receptor activation suppresses the reinforcing efficacy of cocaine and sucrose but differentially affects the incentive-salience value of cocaine- vs. sucrose-associated cues. Neuropharmacology, 2011, 61, 513-523.	4.1	95
51	Serotonin (5-hydroxytryptamine) 5-HT _{2A} receptor. Behavioural Pharmacology, 2011, 22, 248-261.	1.7	47
52	Serotonin 5-HT _{2C} receptor protein expression is enriched in synaptosomal and post-synaptic compartments of rat cortex. Journal of Neurochemistry, 2010, 113, 1504-1515.	3.9	33
53	The Serotonin 5-HT _{2C} Receptor in Medial Prefrontal Cortex Exerts Rheostatic Control over the Motivational Salience of Cocaine-Associated Cues: New Observations from Preclinical Animal Research. Neuropsychopharmacology, 2010, 35, 2319-2321.	5.4	9
54	Quantification of RNA Editing of the Serotonin 2C Receptor (5-HT _{2CR}) Ex Vivo. Methods in Enzymology, 2010, 485, 311-328.	1.0	1

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55	Brain-derived neurotrophic factor prevents phencyclidine-induced apoptosis in developing brain by parallel activation of both the ERK and PI-3K/Akt pathways. <i>Neuropharmacology</i> , 2010, 58, 330-336.	4.1	57
56	Activation of dopamine D1 receptors blocks phencyclidine-induced neurotoxicity by enhancing N-methyl-D-aspartate receptor-mediated synaptic strength. <i>Journal of Neurochemistry</i> , 2009, 109, 1017-1030.	3.9	22
57	Differential regulation of the NMDA receptor by acute and sub-chronic phencyclidine administration in the developing rat. <i>Journal of Neurochemistry</i> , 2008, 104, 1210-1218.	3.9	45
58	Atypical anti-schizophrenic drugs prevent changes in cortical N-methyl-d-aspartate receptors and behavior following sub-chronic phencyclidine administration in developing rat pups. <i>Pharmacology Biochemistry and Behavior</i> , 2008, 90, 569-577.	2.9	24
59	Lithium Protection of Phencyclidine-Induced Neurotoxicity in Developing Brain: The Role of Phosphatidylinositol-3 Kinase/Akt and Mitogen-Activated Protein Kinase Kinase/Extracellular Signal-Regulated Kinase Signaling Pathways. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2008, 326, 838-848.	2.5	26
60	Blockade of Phencyclidine-Induced Cortical Apoptosis and Deficits in Prepulse Inhibition by M40403, a Superoxide Dismutase Mimetic. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2003, 304, 266-271.	2.5	90
61	The Role of Superoxide and Nuclear Factor- κ B Signaling in N-Methyl-d-aspartate-Induced Necrosis and Apoptosis. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2002, 301, 478-487.	2.5	73