

Noelle C Anastasio

List of Publications by Year in descending order

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61
papers

1,557
citations

304743

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315739

38
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61
all docs

61
docs citations

61
times ranked

1663
citing authors

#	ARTICLE	IF	CITATIONS
1	Rapid-response impulsivity: Definitions, measurement issues, and clinical implications.. Personality Disorders: Theory, Research, and Treatment, 2015, 6, 168-181.	1.3	124
2	Serotonin at the nexus of impulsivity and cue reactivity in cocaine addiction. Neuropharmacology, 2014, 76, 460-478.	4.1	112
3	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
4	Blockade of Phencyclidine-Induced Cortical Apoptosis and Deficits in Prepulse Inhibition by M40403, a Superoxide Dismutase Mimetic. Journal of Pharmacology and Experimental Therapeutics, 2003, 304, 266-271.	2.5	90
5	Lorcaserin Suppresses Oxycodone Self-Administration and Relapse Vulnerability in Rats. ACS Chemical Neuroscience, 2017, 8, 1065-1073.	3.5	83
6	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
7	The Role of Superoxide and Nuclear Factor- κ B Signaling in N-Methyl-d-aspartate-Induced Necrosis and Apoptosis. Journal of Pharmacology and Experimental Therapeutics, 2002, 301, 478-487.	2.5	73
8	Serotonin (5-HT) 5-HT _{2A} Receptor (5-HT _{2AR}):5-HT _{2CR} Imbalance in Medial Prefrontal Cortex Associates with Motor Impulsivity. ACS Chemical Neuroscience, 2015, 6, 1248-1258.	3.5	73
9	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
10	Brain-derived neurotrophic factor prevents phencyclidine-induced apoptosis in developing brain by parallel activation of both the ERK and PI-3K/Akt pathways. Neuropharmacology, 2010, 58, 330-336.	4.1	57
11	Serotonin (5-hydroxytryptamine) 5-HT _{2A} receptor. Behavioural Pharmacology, 2011, 22, 248-261.	1.7	47
12	Individual Differences in Impulsive Action Reflect Variation in the Cortical Serotonin 5-HT _{2A} Receptor System. Neuropsychopharmacology, 2015, 40, 1957-1968.	5.4	47
13	Differential regulation of the NMDA receptor by acute and sub \acute{e} chronic phencyclidine administration in the developing rat. Journal of Neurochemistry, 2008, 104, 1210-1218.	3.9	45
14	Biophysical validation of serotonin 5-HT _{2A} and 5-HT _{2C} receptor interaction. PLoS ONE, 2018, 13, e0203137.	2.5	38
15	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
16	Serotonin 5-HT _{2C} receptor protein expression is enriched in synaptosomal and post \acute{e} synaptic compartments of rat cortex. Journal of Neurochemistry, 2010, 113, 1504-1515.	3.9	33
17	Endogenous Serotonin 5-HT _{2A} and 5-HT _{2C} Receptors Associate in the Medial Prefrontal Cortex. ACS Chemical Neuroscience, 2019, 10, 3241-3248.	3.5	30
18	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

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19	Blockade of the 5-HT transporter contributes to the behavioural, neuronal and molecular effects of cocaine. <i>British Journal of Pharmacology</i> , 2017, 174, 2716-2738.	5.4	28
20	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
21	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
22	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
23	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
24	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
25	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
26	Evaluation of the dopamine β -hydroxylase (D β H) inhibitor nopicastat in participants who meet criteria for cocaine use disorder. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2015, 59, 40-48.	4.8	18
27	Suppression of cocaine relapse-like behaviors upon pimavanserin and lorcaserin co-administration. <i>Neuropharmacology</i> , 2020, 168, 108009.	4.1	18
28	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
29	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
30	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
31	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
32	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
33	Pimavanserin and Lorcaserin Attenuate Measures of Binge Eating in Male Sprague-Dawley Rats. <i>Frontiers in Pharmacology</i> , 2018, 9, 1424.	3.5	11
34	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
35	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. <i>Neuropsychopharmacology</i> , 2010, 35, 2319-2321.	5.4	9
36	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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37	Is There a Causal Relation between Maternal Acetaminophen Administration and ADHD?. PLoS ONE, 2016, 11, e0157380.	2.5	9
38	Methylation Patterns of the HTR2A Associate With Relapse-Related Behaviors in Cocaine-Dependent Participants. Frontiers in Psychiatry, 2020, 11, 532.	2.6	8
39	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
40	Blunted prefrontal signature of proactive inhibitory control in cocaine use disorder. Drug and Alcohol Dependence, 2021, 218, 108402.	3.2	7
41	In Vivo and In Vitro Analyses of Novel Peptidomimetic Disruptors for the Serotonin 5-HT _{2C} Receptor Interaction With Phosphatase and Tensin Homolog. Frontiers in Pharmacology, 2019, 10, 907.	3.5	6
42	Synthesis and activity of functionalizable derivatives of the serotonin (5-HT) 5-HT _{2A} receptor (5-HT _{2A}) Tj ETQq0 0,0rgBT /Oyerlock 10	2.2	3
43	A Protocol for Measuring Cue Reactivity in a Rat Model of Cocaine Use Disorder. Journal of Visualized Experiments, 2018, , .	0.3	5
44	Cingulo-hippocampal effective connectivity positively correlates with drug-cue attentional bias in opioid use disorder. Psychiatry Research - Neuroimaging, 2019, 294, 110977.	1.8	5
45	Serotonin neurobiology in cocaine use disorder. Handbook of Behavioral Neuroscience, 2020, 31, 745-802.	0.7	5
46	Serotonin 5-HT _{2C} Receptor Cys23Ser Single Nucleotide Polymorphism Associates with Receptor Function and Localization In Vitro. Scientific Reports, 2019, 9, 16737.	3.3	4
47	Inherent Motor Impulsivity Associates with Specific Gene Targets in the Rat Medial Prefrontal Cortex. Neuroscience, 2020, 435, 161-173.	2.3	4
48	Subanesthetic ketamine with an AMPA _{kine} attenuates motor impulsivity in rats. Behavioural Pharmacology, 2021, 32, 335-344.	1.7	3
49	Quantification of RNA Editing of the Serotonin 2C Receptor (5-HT _{2CR}) Ex Vivo. Methods in Enzymology, 2010, 485, 311-328.	1.0	1
50	A serotonergic biobehavioral signature differentiates cocaine use disorder participants administered mirtazapine. Translational Psychiatry, 2022, 12, 187.	4.8	1
51	Oleamide Analogues as Positive Allosteric Modulators of the Serotonin (5-HT) 5-HT _{2C} and 5-HT _{2A} Receptors. FASEB Journal, 2021, 35, .	0.5	0
52	Bromodomain-Containing Protein 4 (BRD4) Inhibitors as Emerging Therapeutics for Opioid Use Disorder. FASEB Journal, 2021, 35, .	0.5	0
53	Phenotypic Motor Impulsivity is Dynamically Altered Following Oxycodone Self-Administration in Male Rats. FASEB Journal, 2021, 35, .	0.5	0
54	CGP37849 [†] . , 2018, , .		0

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55	Biophysical identification of the 5-HT _{2A} receptor:5-HT _{2C} receptor interaction in vitro. FASEB Journal, 2018, 32, 685.10.	0.5	0
56	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). FASEB Journal, 2019, 33, 667.10.	0.5	0
57	Standard and High Fat Food Intake is Suppressed by PF5190457, the Ghrelin Growth Hormone Secretagogue 11± Receptor Inverse Agonist/Antagonist. FASEB Journal, 2020, 34, 1-1.	0.5	0
58	Studies of Continuous Lorcaserin Plus Buprenorphine in Rat Fentanyl Self-Administration. FASEB Journal, 2020, 34, 1-1.	0.5	0
59	408 In vivo calcium imaging in the medial prefrontal cortex reveals novel site of action for therapeutic effects of Neuromedin U. Journal of Clinical and Translational Science, 2022, 6, 78-79.	0.6	0
60	Rac(±)2,5-dimethoxy-4-iodoamphetamine (DOI) Blunts the Discriminative Stimulus Properties of Oxycodone. FASEB Journal, 2022, 36, .	0.5	0
61	Transcriptomic Profiling Reveals Mesolimbic Gene Targets Associated with Oxycodone-Seeking During Abstinence. FASEB Journal, 2022, 36, .	0.5	0