

Pia Weikop

List of Publications by Year in descending order

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Version: 2024-02-01

54
papers

2,483
citations

201385

27
h-index

205818

48
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58
all docs

58
docs citations

58
times ranked

4544
citing authors

#	ARTICLE	IF	CITATIONS
1	Inactivation of the cholinergic M4 receptor results in a disinhibited endophenotype predicting alcohol use. <i>Behavioural Brain Research</i> , 2022, 430, 113921.	1.2	1
2	The role of central serotonergic markers and estradiol changes in perinatal mental health. <i>Acta Psychiatrica Scandinavica</i> , 2022, 146, 357-369.	2.2	5
3	An fMRI-compatible system for targeted electrical stimulation. <i>Journal of Neuroscience Methods</i> , 2022, 378, 109659.	1.3	0
4	Parkinson patients have a presynaptic serotonergic deficit: A dynamic deep brain stimulation PET study. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2021, 41, 0271678X2098238.	2.4	16
5	Disruption of the PDZ domainâ€‘binding motif of the dopamine transporter uniquely alters nanoscale distribution, dopamine homeostasis, and reward motivation. <i>Journal of Biological Chemistry</i> , 2021, 297, 101361.	1.6	5
6	Effects of muscarinic M1 receptor stimulation on reinforcing and neurochemical effects of cocaine in rats. <i>Neuropsychopharmacology</i> , 2020, 45, 1994-2002.	2.8	8
7	The mechanism of a high-affinity allosteric inhibitor of the serotonin transporter. <i>Nature Communications</i> , 2020, 11, 1491.	5.8	30
8	Direct Measurement of Cerebrospinal Fluid Production in Mice. <i>Cell Reports</i> , 2020, 33, 108524.	2.9	66
9	Mechanistic Characterization of the Allosteric Communications between the Central Binding Site and the Extracellular Vestibule of the Serotonin Transporter. <i>Biophysical Journal</i> , 2019, 116, 557a.	0.2	0
10	Electro convulsive therapy: Modification of its effect on the autonomic nervous system using anti-cholinergic drugs. <i>Psychiatry Research</i> , 2019, 271, 239-246.	1.7	4
11	The Circadian Oscillator of the Cerebral Cortex: Molecular, Biochemical and Behavioral Effects of Deleting the <i>Arntl</i> Clock Gene in Cortical Neurons. <i>Cerebral Cortex</i> , 2018, 28, 644-657.	1.6	21
12	Cerebral serotonin release correlates with [¹¹ C]AZ10419369 PET measures of 5-HT _{1B} receptor binding in the pig brain. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2018, 38, 1243-1252.	2.4	13
13	Ketogenic Diet Suppresses Alcohol Withdrawal Syndrome in Rats. <i>Alcoholism: Clinical and Experimental Research</i> , 2018, 42, 270-277.	1.4	29
14	Enriched environment enhances Î²-adrenergic signaling to prevent microglia inflammation by Amyloid β . <i>EMBO Molecular Medicine</i> , 2018, 10, .	3.3	50
15	Locomotor- and Reward-Enhancing Effects of Cocaine Are Differentially Regulated by Chemogenetic Stimulation of Gi-Signaling in Dopaminergic Neurons. <i>ENeuro</i> , 2018, 5, ENEURO.0345-17.2018.	0.9	39
16	PICK1-Deficient Mice Exhibit Impaired Response to Cocaine and Dysregulated Dopamine Homeostasis. <i>ENeuro</i> , 2018, 5, ENEURO.0422-17.2018.	0.9	14
17	Cerebral 5-HT release correlates with [¹¹ C]Cimbi36 PET measures of 5-HT _{2A} receptor occupancy in the pig brain. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2017, 37, 425-434.	2.4	31
18	Muscarinic receptor M 4 positive allosteric modulators attenuate central effects of cocaine. <i>Drug and Alcohol Dependence</i> , 2017, 176, 154-161.	1.6	19

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19	Assessment of Dopaminergic Homeostasis in Mice by Use of High-performance Liquid Chromatography Analysis and Synaptosomal Dopamine Uptake. <i>Journal of Visualized Experiments</i> , 2017, , .	0.2	13
20	The glucagon-like peptide 1 receptor agonist Exendin-4 decreases relapse-like drinking in socially housed mice. <i>Pharmacology Biochemistry and Behavior</i> , 2017, 160, 14-20.	1.3	56
21	The pan- $Kv7$ ($KCNQ$) Channel Opener Retigabine Inhibits Striatal Excitability by Direct Action on Striatal Neurons <i>In Vivo</i> . <i>Basic and Clinical Pharmacology and Toxicology</i> , 2017, 120, 46-51.	1.2	7
22	Preserved dopaminergic homeostasis and dopamine-related behaviour in hemizygous TH -Cre mice. <i>European Journal of Neuroscience</i> , 2017, 45, 121-128.	1.2	16
23	Glucagon-like peptide 1 receptor activation regulates cocaine actions and dopamine homeostasis in the lateral septum by decreasing arachidonic acid levels. <i>Translational Psychiatry</i> , 2016, 6, e809-e809.	2.4	60
24	Decreased spontaneous activity in AMPK ± 2 muscle specific kinase dead mice is not caused by changes in brain dopamine metabolism. <i>Physiology and Behavior</i> , 2016, 164, 300-305.	1.0	5
25	Effect of recombinant erythropoietin on inflammatory markers in patients with affective disorders: A randomised controlled study. <i>Brain, Behavior, and Immunity</i> , 2016, 57, 53-57.	2.0	22
26	Simulation-based multiprofessional obstetric anaesthesia training conducted in situ versus off-site leads to similar individual and team outcomes: a randomised educational trial. <i>BMJ Open</i> , 2015, 5, e008344.	0.8	67
27	Hyperactivity and lack of social discrimination in the adolescent $Fmr1$ knockout mouse. <i>Behavioural Pharmacology</i> , 2015, 26, 733-740.	0.8	39
28	The glucagon-like peptide 1 (GLP-1) receptor agonist exendin-4 reduces cocaine self-administration in mice. <i>Physiology and Behavior</i> , 2015, 149, 262-268.	1.0	94
29	Enhanced self-administration of alcohol in muscarinic acetylcholine M4 receptor knockout mice. <i>European Journal of Pharmacology</i> , 2015, 746, 1-5.	1.7	24
30	Elevated levels of IL-6 and IL-18 in manic and hypomanic states in rapid cycling bipolar disorder patients. <i>Brain, Behavior, and Immunity</i> , 2015, 43, 205-213.	2.0	73
31	Targeting Dopamine D3 and Serotonin 5-HT1A and 5-HT2A Receptors for Developing Effective Antipsychotics: Synthesis, Biological Characterization, and Behavioral Studies. <i>Journal of Medicinal Chemistry</i> , 2014, 57, 9578-9597.	2.9	46
32	'In situ simulation' versus 'off site simulation' in obstetric emergencies and their effect on knowledge, safety attitudes, team performance, stress, and motivation: study protocol for a randomized controlled trial. <i>Trials</i> , 2013, 14, 220.	0.7	38
33	Low Plasma Arginine:Asymmetric Dimethyl Arginine Ratios Predict Mortality After Intracranial Aneurysm Rupture. <i>Stroke</i> , 2013, 44, 1273-1281.	1.0	25
34	Tesofensine induces appetite suppression and weight loss with reversal of low forebrain dopamine levels in the diet-induced obese rat. <i>Pharmacology Biochemistry and Behavior</i> , 2013, 110, 265-271.	1.3	27
35	TFEB-mediated autophagy rescues midbrain dopamine neurons from α -synuclein toxicity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, E1817-26.	3.3	600
36	Muscarinic Acetylcholine Receptor Subtypes as Potential Drug Targets for the Treatment of Schizophrenia, Drug Abuse, and Parkinson's Disease. <i>ACS Chemical Neuroscience</i> , 2012, 3, 80-89.	1.7	54

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37	An allosteric enhancer of M4 muscarinic acetylcholine receptor function inhibits behavioral and neurochemical effects of cocaine. <i>Psychopharmacology</i> , 2012, 224, 277-287.	1.5	45
38	Neuropeptide Y Y5 receptor antagonism attenuates cocaine-induced effects in mice. <i>Psychopharmacology</i> , 2012, 222, 565-577.	1.5	36
39	Progressive neurodegenerative and behavioural changes induced by AAV-mediated overexpression of $\hat{\pm}$ -synuclein in midbrain dopamine neurons. <i>Neurobiology of Disease</i> , 2012, 45, 939-953.	2.1	222
40	Increased cocaine self-administration in M4 muscarinic acetylcholine receptor knockout mice. <i>Psychopharmacology</i> , 2011, 216, 367-378.	1.5	68
41	An approach for serotonin depletion in pigs: Effects on serotonin receptor binding. <i>Synapse</i> , 2011, 65, 136-145.	0.6	18
42	Involvement of a Subpopulation of Neuronal M ₄ Muscarinic Acetylcholine Receptors in the Antipsychotic-like Effects of the M ₁ /M ₄ -Preferring Muscarinic Receptor Agonist Xanomeline. <i>Journal of Neuroscience</i> , 2011, 31, 5905-5908.	1.7	49
43	Insensitivity of NMRI mice to selective serotonin reuptake inhibitors in the tail suspension test can be reversed by co-treatment with 5-hydroxytryptophan. <i>Psychopharmacology</i> , 2008, 199, 137-150.	1.5	22
44	The novel compound ($\hat{\pm}$)-1-[10-((E)-3-Phenyl-allyl)-3,10-diaza-bicyclo[4.3.1]dec-3-yl]-propan-1-one (NS7051) attenuates nociceptive transmission in animal models of experimental pain; a pharmacological comparison with the combined $\hat{1}/4$ -opioid receptor agonist and monoamine reuptake inhibitor tramadol. <i>Neuropharmacology</i> , 2008, 54, 331-343.	2.0	26
45	Reciprocal effects of combined administration of serotonin, noradrenaline and dopamine reuptake inhibitors on serotonin and dopamine levels in the rat prefrontal cortex: the role of 5-HT _{1A} receptors. <i>Journal of Psychopharmacology</i> , 2007, 21, 795-804.	2.0	37
46	Differential effects of adjunctive methylphenidate and citalopram on extracellular levels of serotonin, noradrenaline and dopamine in the rat brain. <i>European Neuropsychopharmacology</i> , 2007, 17, 658-671.	0.3	36
47	The neuronal KCNQ channel opener retigabine inhibits locomotor activity and reduces forebrain excitatory responses to the psychostimulants cocaine, methylphenidate and phencyclidine. <i>European Journal of Pharmacology</i> , 2007, 570, 77-88.	1.7	49
48	Central serotonin depletion affects rat brain areas differently: A qualitative and quantitative comparison between different treatment schemes. <i>Neuroscience Letters</i> , 2006, 392, 129-134.	1.0	34
49	Serotonin depletion results in a decrease of the neuronal activation caused by rivastigmine in the rat hippocampus. <i>Brain Research</i> , 2006, 1073-1074, 262-268.	1.1	7
50	The KCNQ Channel Opener Retigabine Inhibits the Activity of Mesencephalic Dopaminergic Systems of the Rat. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2006, 318, 1006-1019.	1.3	67
51	<i>Hypericum perforatum</i> L (St John's wort) preferentially increases extracellular dopamine levels in the rat prefrontal cortex. <i>British Journal of Pharmacology</i> , 2004, 142, 414-418.	2.7	50
52	Application of triple-probe microdialysis for fast pharmacokinetic/pharmacodynamic evaluation of dopaminergic activity of drug candidates in the rat brain. <i>Journal of Neuroscience Methods</i> , 2004, 140, 59-65.	1.3	24
53	The Role of $\hat{\pm}$ 1- and $\hat{\pm}$ 2-Adrenoreceptors on Venlafaxine-induced Elevation of Extracellular Serotonin, Noradrenaline and Dopamine Levels in the Rat Prefrontal Cortex and Hippocampus. <i>Journal of Psychopharmacology</i> , 2004, 18, 395-403.	2.0	63
54	Monoamine transporters as continuing targets for drug discovery in depression. <i>Drug Discovery Today: Therapeutic Strategies</i> , 2004, 1, 111-116.	0.5	4