

Teresa Summavielle

List of Publications by Year in descending order

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Version: 2024-02-01

63
papers

1,528
citations

257450

24
h-index

345221

36
g-index

70
all docs

70
docs citations

70
times ranked

2585
citing authors

#	ARTICLE	IF	CITATIONS
1	TNF-alpha-induced microglia activation requires miR-342: impact on NF-kB signaling and neurotoxicity. <i>Cell Death and Disease</i> , 2020, 11, 415.	6.3	108
2	Preclinical Imaging: an Essential Ally in Modern Biosciences. <i>Molecular Diagnosis and Therapy</i> , 2014, 18, 153-173.	3.8	81
3	Acetyl-L-carnitine provides effective in vivo neuroprotection over 3,4-methylenedioxymethamphetamine-induced mitochondrial neurotoxicity in the adolescent rat brain. <i>Neuroscience</i> , 2009, 158, 514-523.	2.3	76
4	Serotonergic signalling suppresses ataxin 3 aggregation and neurotoxicity in animal models of Machado-Joseph disease. <i>Brain</i> , 2015, 138, 3221-3237.	7.6	74
5	Neurodevelopment milestone abnormalities in rats exposed to stress in early life. <i>Neuroscience</i> , 2007, 147, 1022-1033.	2.3	67
6	Monoamine Oxidase-B Mediates Ecstasy-Induced Neurotoxic Effects to Adolescent Rat Brain Mitochondria. <i>Journal of Neuroscience</i> , 2007, 27, 10203-10210.	3.6	61
7	Microglia and alcohol meet at the crossroads: Microglia as critical modulators of alcohol neurotoxicity. <i>Toxicology Letters</i> , 2018, 283, 21-31.	0.8	59
8	Microglia Dysfunction Caused by the Loss of Rhoa Disrupts Neuronal Physiology and Leads to Neurodegeneration. <i>Cell Reports</i> , 2020, 31, 107796.	6.4	59
9	A mouse model reproducing the pathophysiology of neonatal group A streptococcal infection. <i>Nature Communications</i> , 2018, 9, 3138.	12.8	49
10	Acute Ketamine Impairs Mitochondrial Function and Promotes Superoxide Dismutase Activity in the Rat Brain. <i>Anesthesia and Analgesia</i> , 2015, 120, 320-328.	2.2	48
11	Transthyretin Stabilization by Iododiflunisal Promotes Amyloid- β Peptide Clearance, Decreases its Deposition, and Ameliorates Cognitive Deficits in an Alzheimer's Disease Mouse Model. <i>Journal of Alzheimer's Disease</i> , 2014, 39, 357-370.	2.6	45
12	Neuropeptide Y promotes neurogenesis and protection against methamphetamine-induced toxicity in mouse dentate gyrus-derived neurosphere cultures. <i>Neuropharmacology</i> , 2012, 62, 2413-2423.	4.1	42
13	Monoamine deficits in the brain of methyl-CpG binding protein 2 null mice suggest the involvement of the cerebral cortex in early stages of Rett syndrome. <i>Neuroscience</i> , 2010, 170, 453-467.	2.3	40
14	Daily alcohol intake triggers aberrant synaptic pruning leading to synapse loss and anxiety-like behavior. <i>Science Signaling</i> , 2020, 13, .	3.6	39
15	PRECLINICAL STUDY: Ecstasy-induced oxidative stress to adolescent rat brain mitochondria <i>in vivo</i> : influence of monoamine oxidase type A. <i>Addiction Biology</i> , 2009, 14, 185-193.	2.6	36
16	Astrocyte-derived TNF and glutamate critically modulate microglia activation by methamphetamine. <i>Neuropsychopharmacology</i> , 2021, 46, 2358-2370.	5.4	36
17	Maternal separation effects on mother rodents' behaviour: A systematic review. <i>Neuroscience and Biobehavioral Reviews</i> , 2020, 117, 98-109.	6.1	35
18	<i>In vitro</i> metabolism of steroid hormones by ovary and hepatopancreas of the crustacean <i>Penaeus japonicus</i> . <i>Scientia Marina</i> , 2003, 67, 299-306.	0.6	35

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19	Impaired Spatial Memory after Ketamine Administration in Chronic Low Doses. <i>Current Neuropharmacology</i> , 2011, 9, 251-255.	2.9	33
20	Methylphenidate-triggered ROS generation promotes caveolae-mediated transcytosis via Rac1 signaling and c-Src-dependent caveolin-1 phosphorylation in human brain endothelial cells. <i>Cellular and Molecular Life Sciences</i> , 2016, 73, 4701-4716.	5.4	32
21	Oxidative stress response in the adult rat retina and plasma after repeated administration of methamphetamine. <i>Neurochemistry International</i> , 2010, 56, 431-436.	3.8	27
22	Methamphetamine mimics the neurochemical profile of aging in rats and impairs recognition memory. <i>NeuroToxicology</i> , 2012, 33, 491-499.	3.0	27
23	Exploring cinnamic acid scaffold: development of promising neuroprotective lipophilic antioxidants. <i>MedChemComm</i> , 2015, 6, 1043-1053.	3.4	25
24	Acetyl-L-Carnitine Prevents Methamphetamine-Induced Structural Damage on Endothelial Cells via ILK-Related MMP-9 Activity. <i>Molecular Neurobiology</i> , 2016, 53, 408-422.	4.0	25
25	Adolescent pre-exposure to ethanol and 3,4-methylenedioxymethylamphetamine (MDMA) increases conditioned rewarding effects of MDMA and drug-induced reinstatement. <i>Addiction Biology</i> , 2012, 17, 588-600.	2.6	22
26	Long-term effects of chronic cocaine exposure throughout adolescence on anxiety and stress responsivity in a Wistar rat model. <i>Neuroscience</i> , 2014, 277, 343-355.	2.3	22
27	Effects of Postnatal Cocaine Exposure and Environmental Enrichment on Rat Behavior in a Forced Swim Test. <i>Annals of the New York Academy of Sciences</i> , 2004, 1025, 619-629.	3.8	21
28	Methamphetamine promotes α -tubulin deacetylation in endothelial cells: The protective role of acetyl-L-carnitine. <i>Toxicology Letters</i> , 2015, 234, 131-138.	0.8	21
29	MDMA in Adolescent Male Rats: Decreased Serotonin in the Amygdala and Behavioral Effects in the Elevated Plus-Maze Test. <i>Annals of the New York Academy of Sciences</i> , 2006, 1074, 643-649.	3.8	20
30	Chronic ketamine administration impairs mitochondrial complex I in the rat liver. <i>Life Sciences</i> , 2013, 93, 464-470.	4.3	19
31	Biology-oriented development of novel lipophilic antioxidants with neuroprotective activity. <i>RSC Advances</i> , 2015, 5, 15800-15811.	3.6	19
32	Expression of Rac1 alternative 3' UTRs is a cell specific mechanism with a function in dendrite outgrowth in cortical neurons. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2017, 1860, 685-694.	1.9	19
33	Early-life stress affects drug abuse susceptibility in adolescent rat model independently of depression vulnerability. <i>Scientific Reports</i> , 2020, 10, 13326.	3.3	19
34	Effects of Neonatal Exposure to Methamphetamine: Catecholamine Levels in Brain Areas of the Developing Rat. <i>Annals of the New York Academy of Sciences</i> , 2004, 1025, 602-611.	3.8	18
35	Bone Injury and Repair Trigger Central and Peripheral NPY Neuronal Pathways. <i>PLoS ONE</i> , 2016, 11, e0165465.	2.5	16
36	Hormonal, Neurochemical, and Behavioral Response to a Forced Swim Test in Adolescent Rats throughout Cocaine Withdrawal. <i>Annals of the New York Academy of Sciences</i> , 2008, 1139, 366-373.	3.8	14

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37	Helping behavior in rats (<i>Rattus norvegicus</i>) when an escape alternative is present.. <i>Journal of Comparative Psychology</i> (Washington, D C: 1983), 2019, 133, 452-462.	0.5	14
38	Effect of chronic methylphenidate treatment on hippocampal neurovascular unit and memory performance in late adolescent rats. <i>European Neuropsychopharmacology</i> , 2019, 29, 195-210.	0.7	13
39	Neonatal Exposure to Cocaine. <i>Annals of the New York Academy of Sciences</i> , 2002, 965, 515-521.	3.8	10
40	Postnatal Cocaine Exposure: Effects on Behavior of Rats in Forced Swim Test. <i>Annals of the New York Academy of Sciences</i> , 2002, 965, 529-534.	3.8	10
41	Postnatal exposure to cocaine in rats housed in an enriched environment: effects on social interactions. <i>Human and Experimental Toxicology</i> , 2007, 26, 303-309.	2.2	10
42	Neuronal megalin mediates synaptic plasticity—a novel mechanism underlying intellectual disabilities in megalin gene pathologies. <i>Brain Communications</i> , 2020, 2, fcaa135.	3.3	10
43	Prenatal Exposure to Cocaine and Enriched Environment: Effects on Social Interactions. <i>Annals of the New York Academy of Sciences</i> , 2006, 1074, 620-631.	3.8	9
44	Ketamine alone or combined with midazolam or dexmedetomidine does not affect anxiety-like behaviours and memory in adult Wistar rats. <i>Laboratory Animals</i> , 2017, 51, 147-159.	1.0	9
45	Neuron—Microglia Contact-Dependent Mechanisms Attenuate Methamphetamine-Induced Microglia Reactivity and Enhance Neuronal Plasticity. <i>Cells</i> , 2022, 11, 355.	4.1	8
46	Abnormal Immunoreactivity to Serotonin in Cerebellar Purkinje Cells after Neonatal Cocaine Exposure. <i>Annals of the New York Academy of Sciences</i> , 2004, 1025, 630-637.	3.8	7
47	Haemolymph Unconjugated and Conjugated Steroids During Reproduction in <i>Penaeus Japonicus</i> (Crustacea: Decapoda). <i>Animal Biology</i> , 1994, 45, 64-67.	0.4	6
48	Exploratory Behavior in Rats Postnatally Exposed to Cocaine and Housed in an Enriched Environment. <i>Annals of the New York Academy of Sciences</i> , 2008, 1139, 358-365.	3.8	6
49	Effects of Neonatal Exposure to Cocaine in the Development of the Neurotransmitters Retinal Systems: An Immunocytochemical and Neurochemical Study. <i>Annals of the New York Academy of Sciences</i> , 2000, 914, 418-430.	3.8	5
50	Prenatal cocaine exposure: effects on locomotor activity in rat offspring. <i>Environmental Toxicology and Pharmacology</i> , 2005, 19, 767-773.	4.0	3
51	Very Long-Term Effects of Chronic Cocaine on Anxiety and Stress. , 2017, , 343-352.		3
52	Profiling Microglia in a Mouse Model of Machado—Joseph Disease. <i>Biomedicines</i> , 2022, 10, 237.	3.2	3
53	Neonatal exposure to cocaine: altered dopamine levels in the amygdala and behavioral outcomes in the developing rat. <i>Annals of the New York Academy of Sciences</i> , 2002, 965, 515-21.	3.8	3
54	Repeated Exposure to Ketamine in Adolescent Rats Results in Persistent Anxiety in the Adulthood. , 2018, 07, .		2

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55	In Response. Anesthesia and Analgesia, 2016, 122, 918-920.	2.2	1
56	Peripheral Metabolic Abnormalities in Schizophrenia Patients. European Psychiatry, 2017, 41, s802-s802.	0.2	1
57	Rat liver mitochondrial complex I impairment after ketamine chronic treatments. European Journal of Anaesthesiology, 2012, 29, 152-153.	1.7	0
58	Importance of Body Temperature and Clinical Data in Behavioral and Anesthesia Studies. Anesthesiology, 2012, 116, 226-227.	2.5	0
59	Is ketamine alone and in combination with midazolam or dexmedetomidine safe regarding post-anaesthetic memory?. European Journal of Anaesthesiology, 2013, 30, 114-114.	1.7	0
60	2.4 Brain Neurochemistry and Cognitive Performance: Neurotransmitter Systems. , 2015, , 148-176.		0
61	Brain Metabolic Abnormalities in Schizophrenia Patients. European Psychiatry, 2017, 41, s802-s802.	0.2	0
62	Neuroprotective Action of Acetyl-L-Carnitine on Methamphetamine-Induced Dopamine Release. American Journal of Neuroprotection and Neuroregeneration, 2011, 3, 93-99.	0.1	0
63	PrevenÃ§Ã£o do Consumo de Ãlcool e Drogas: Da Centralidade da InformaÃ§Ã£o Ã Centralidade da RelaÃ§Ã£o. , 2015, , 105-140.		0