Teresa Summavielle

List of Publications by Year
in descending order

63	1,528	257357 24	345118 36
papers	citations	h-index	g-index

70	70	70	2585
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	TNF-alpha-induced microglia activation requires miR-342: impact on NF-kB signaling and neurotoxicity. Cell Death and Disease, 2020, 11, 415.	2.7	108
2	Preclinical Imaging: an Essential Ally in Modern Biosciences. Molecular Diagnosis and Therapy, 2014, 18, 153-173.	1.6	81
3	Acetyl-l-carnitine provides effective in vivo neuroprotection over 3,4-methylenedioximethamphetamine-induced mitochondrial neurotoxicity in the adolescent rat brain. Neuroscience, 2009, 158, 514-523.	1.1	76
4	Serotonergic signalling suppresses ataxin 3 aggregation and neurotoxicity in animal models of Machado-Joseph disease. Brain, 2015, 138, 3221-3237.	3.7	74
5	Neurodevelopment milestone abnormalities in rats exposed to stress in early life. Neuroscience, 2007, 147, 1022-1033.	1.1	67
6	Monoamine Oxidase-B Mediates Ecstasy-Induced Neurotoxic Effects to Adolescent Rat Brain Mitochondria. Journal of Neuroscience, 2007, 27, 10203-10210.	1.7	61
7	Microglia and alcohol meet at the crossroads: Microglia as critical modulators of alcohol neurotoxicity. Toxicology Letters, 2018, 283, 21-31.	0.4	59
8	Microglia Dysfunction Caused by the Loss of Rhoa Disrupts Neuronal Physiology and Leads to Neurodegeneration. Cell Reports, 2020, 31, 107796.	2.9	59
9	A mouse model reproducing the pathophysiology of neonatal groupÂB streptococcal infection. Nature Communications, 2018, 9, 3138.	5.8	49
10	Acute Ketamine Impairs Mitochondrial Function and Promotes Superoxide Dismutase Activity in the Rat Brain. Anesthesia and Analgesia, 2015, 120, 320-328.	1.1	48
11	Transthyretin Stabilization by Iododiflunisal Promotes Amyloid-Î² Peptide Clearance, Decreases its Deposition, and Ameliorates Cognitive Deficits in an Alzheimer's Disease Mouse Model. Journal of Alzheimer's Disease, 2014, 39, 357-370.	1.2	45
12	Neuropeptide Y promotes neurogenesis and protection against methamphetamine-induced toxicity in mouse dentate gyrus-derived neurosphere cultures. Neuropharmacology, 2012, 62, 2413-2423.	2.0	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. Neuroscience, 2010, 170, 453-467.	1.1	40
14	Daily alcohol intake triggers aberrant synaptic pruning leading to synapse loss and anxiety-like behavior. Science Signaling, 2020, 13, .	1.6	39
15	PRECLINICAL STUDY: Ecstasyâ€induced oxidative stress to adolescent rat brain mitochondria in vivo: influence of monoamine oxidase type A. Addiction Biology, 2009, 14, 185-193.	1.4	36
16	Astrocyte-derived TNF and glutamate critically modulate microglia activation by methamphetamine. Neuropsychopharmacology, 2021, 46, 2358-2370.	2.8	36
17	Maternal separation effects on mother rodentsâ€™ behaviour: A systematic review. Neuroscience and Biobehavioral Reviews, 2020, 117, 98-109.	2.9	35
18	<i>In vitro</i> metabolism of steroid hormones by ovary and hepatopancreas of the crustacean Penaeid shrimp <i>Marsupenaeus japonicus</i>. Scientia Marina, 2003, 67, 299-306.	0.3	35

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19	Impaired Spatial Memory after Ketamine Administration in Chronic Low Doses. Current Neuropharmacology, 2011, 9, 251-255.	1.4	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. Cellular and Molecular Life Sciences, 2016, 73, 4701-4716.	2.4	32
21	Oxidative stress response in the adult rat retina and plasma after repeated administration of methamphetamine. Neurochemistry International, 2010, 56, 431-436.	1.9	27
22	Methamphetamine mimics the neurochemical profile of aging in rats and impairs recognition memory. NeuroToxicology, 2012, 33, 491-499.	1.4	27
23	Exploring cinnamic acid scaffold: development of promising neuroprotective lipophilic antioxidants. MedChemComm, 2015, 6, 1043-1053.	3.5	25
24	Acetyl-L-Carnitine Prevents Methamphetamine-Induced Structural Damage on Endothelial Cells via ILK-Related MMP-9 Activity. Molecular Neurobiology, 2016, 53, 408-422.	1.9	25
25	Adolescent preâ€exposure to ethanol and 3,4â€methylenedioxymethylamphetamine (MDMA) increases conditioned rewarding effects of MDMA and drugâ€induced reinstatement. Addiction Biology, 2012, 17, 588-600.	1.4	22
26	Long-term effects of chronic cocaine exposure throughout adolescence on anxiety and stress responsivity in a Wistar rat model. Neuroscience, 2014, 277, 343-355.	1.1	22
27	Effects of Postnatal Cocaine Exposure and Environmental Enrichment on Rat Behavior in a Forced Swim Test. Annals of the New York Academy of Sciences, 2004, 1025, 619-629.	1.8	21
28	Methamphetamine promotes Î±-tubulin deacetylation in endothelial cells: The protective role of acetyl-l-carnitine. Toxicology Letters, 2015, 234, 131-138.	0.4	21
29	MDMA in Adolescent Male Rats: Decreased Serotonin in the Amygdala and Behavioral Effects in the Elevated Plus-Maze Test. Annals of the New York Academy of Sciences, 2006, 1074, 643-649.	1.8	20
30	Chronic ketamine administration impairs mitochondrial complex I in the rat liver. Life Sciences, 2013, 93, 464-470.	2.0	19
31	Biology-oriented development of novel lipophilic antioxidants with neuroprotective activity. RSC Advances, 2015, 5, 15800-15811.	1.7	19
32	Expression of Rac1 alternative 3â€² UTRs is a cell specific mechanism with a function in dendrite outgrowth in cortical neurons. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2017, 1860, 685-694.	0.9	19
33	Early-life stress affects drug abuse susceptibility in adolescent rat model independently of depression vulnerability. Scientific Reports, 2020, 10, 13326.	1.6	19
34	Effects of Neonatal Exposure to Methamphetamine: Catecholamine Levels in Brain Areas of the Developing Rat. Annals of the New York Academy of Sciences, 2004, 1025, 602-611.	1.8	18
35	Bone Injury and Repair Trigger Central and Peripheral NPY Neuronal Pathways. PLoS ONE, 2016, 11, e0165465.	1.1	16
36	Hormonal, Neurochemical, and Behavioral Response to a Forced Swim Test in Adolescent Rats throughout Cocaine Withdrawal. Annals of the New York Academy of Sciences, 2008, 1139, 366-373.	1.8	14

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37	Helping behavior in rats (Rattus norvegicus) when an escape alternative is present.. Journal of Comparative Psychology (Washington, D C: 1983), 2019, 133, 452-462.	0.3	14
38	Effect of chronic methylphenidate treatment on hippocampal neurovascular unit and memory performance in late adolescent rats. European Neuropsychopharmacology, 2019, 29, 195-210.	0.3	13
39	Neonatal Exposure to Cocaine. Annals of the New York Academy of Sciences, 2002, 965, 515-521.	1.8	10
40	Postnatal Cocaine Exposure: Effects on Behavior of Rats in Forced Swim Test. Annals of the New York Academy of Sciences, 2002, 965, 529-534.	1.8	10
41	Postnatal exposure to cocaine in rats housed in an enriched environment: effects on social interactions. Human and Experimental Toxicology, 2007, 26, 303-309.	1.1	10
42	Neuronal megalin mediates synaptic plasticityâ€"a novel mechanism underlying intellectual disabilities in megalin gene pathologies. Brain Communications, 2020, 2, fcaa135.	1.5	10
43	Prenatal Exposure to Cocaine and Enriched Environment: Effects on Social Interactions. Annals of the New York Academy of Sciences, 2006, 1074, 620-631.	1.8	9
44	Ketamine alone or combined with midazolam or dexmedetomidine does not affect anxiety-like behaviours and memory in adult Wistar rats. Laboratory Animals, 2017, 51, 147-159.	0.5	9
45	Neuronâ€"Microglia Contact-Dependent Mechanisms Attenuate Methamphetamine-Induced Microglia Reactivity and Enhance Neuronal Plasticity. Cells, 2022, 11, 355.	1.8	8
46	Abnormal Immunoreactivity to Serotonin in Cerebellar Purkinje Cells after Neonatal Cocaine Exposure. Annals of the New York Academy of Sciences, 2004, 1025, 630-637.	1.8	7
47	Haemolymph Unconjugated and Conjugated Steroids During Reproduction in Penaeus Japonicus (Crustacea: Decapoda). Animal Biology, 1994, 45, 64-67.	0.4	6
48	Exploratory Behavior in Rats Postnatally Exposed to Cocaine and Housed in an Enriched Environment. Annals of the New York Academy of Sciences, 2008, 1139, 358-365.	1.8	6
49	Effects of Neonatal Exposure to Cocaine in the Development of the Neurotransmitters Retinal Systems: An Immunocytochemical and Neurochemical Study. Annals of the New York Academy of Sciences, 2000, 914, 418-430.	1.8	5
50	Prenatal cocaine exposure: effects on locomotor activity in rat offspring. Environmental Toxicology and Pharmacology, 2005, 19, 767-773.	2.0	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 Machadoâ€"Joseph Disease. Biomedicines, 2022, 10, 237.	1.4	3
53	Neonatal exposure to cocaine: altered dopamine levels in the amygdala and behavioral outcomes in the developing rat. Annals of the New York Academy of Sciences, 2002, 965, 515-21.	1.8	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.	1.1	1
56	Peripheric Metabolic Abnormalities in Schizophrenia Patients. European Psychiatry, 2017, 41, s802-s802.	0.1	1
57	Rat liver mitochondrial complex I impairment after ketamine chronic treatments. European Journal of Anaesthesiology, 2012, 29, 152-153.	0.7	0
58	Importance of Body Temperature and Clinical Data in Behavioral and Anesthesia Studies. Anesthesiology, 2012, 116, 226-227.	1.3	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.	0.7	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.	0.1	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 Ã‹cool e Drogas: Da Centralidade da InformaÃ§Ã£o Ã Centralidade da RelaÃ§Ã£o. , 2015, , 105-140.		0