

Ana Pocivavsek

List of Publications by Year in descending order

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Version: 2024-02-01

44
papers

1,766
citations

257450

24
h-index

302126

39
g-index

45
all docs

45
docs citations

45
times ranked

2224
citing authors

#	ARTICLE	IF	CITATIONS
1	Amyloid precursor protein secretases as therapeutic targets for traumatic brain injury. <i>Nature Medicine</i> , 2009, 15, 377-379.	30.7	219
2	Fluctuations in Endogenous Kynurenic Acid Control Hippocampal Glutamate and Memory. <i>Neuropsychopharmacology</i> , 2011, 36, 2357-2367.	5.4	137
3	Pre- and postnatal exposure to kynurenine causes cognitive deficits in adulthood. <i>European Journal of Neuroscience</i> , 2012, 35, 1605-1612.	2.6	84
4	Apolipoprotein E Receptor 2 Interactions with the N-Methyl-D-aspartate Receptor. <i>Journal of Biological Chemistry</i> , 2006, 281, 3425-3431.	3.4	82
5	Low-density lipoprotein receptors regulate microglial inflammation through c-Jun N-terminal kinase. <i>Glia</i> , 2009, 57, 444-453.	4.9	79
6	Reduced kynurenine pathway metabolism and cytokine expression in the prefrontal cortex of depressed individuals. <i>Journal of Psychiatry and Neuroscience</i> , 2016, 41, 386-394.	2.4	79
7	Elevated levels of kynurenic acid during gestation produce neurochemical, morphological, and cognitive deficits in adulthood: Implications for schizophrenia. <i>Neuropharmacology</i> , 2015, 90, 33-41.	4.1	77
8	Early developmental elevations of brain kynurenic acid impair cognitive flexibility in adults: Reversal with galantamine. <i>Neuroscience</i> , 2013, 238, 19-28.	2.3	74
9	Elevated kynurenine pathway metabolism during neurodevelopment: Implications for brain and behavior. <i>Neuropharmacology</i> , 2017, 112, 275-285.	4.1	69
10	Stress-Induced Increase in Kynurenic Acid as a Potential Biomarker for Patients With Schizophrenia and Distress Intolerance. <i>JAMA Psychiatry</i> , 2014, 71, 761.	11.0	68
11	Continuous kynurenine administration during the prenatal period, but not during adolescence, causes learning and memory deficits in adult rats. <i>Psychopharmacology</i> , 2014, 231, 2799-2809.	3.1	68
12	Targeting Kynurenine Aminotransferase II in Psychiatric Diseases: Promising Effects of an Orally Active Enzyme Inhibitor. <i>Schizophrenia Bulletin</i> , 2014, 40, S152-S158.	4.3	63
13	Adaptive and Behavioral Changes in Kynurenine 3-Monooxygenase Knockout Mice: Relevance to Psychotic Disorders. <i>Biological Psychiatry</i> , 2017, 82, 756-765.	1.3	57
14	Modulation of ABCA1 by an LXR Agonist Reduces Beta-Amyloid Levels and Improves Outcome after Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2011, 28, 225-236.	3.4	54
15	Microglial low-density lipoprotein receptor-related protein 1 modulates c-Jun N-terminal kinase activation. <i>Journal of Neuroimmunology</i> , 2009, 214, 25-32.	2.3	48
16	Prenatal Dynamics of Kynurenine Pathway Metabolism in Mice: Focus on Kynurenic Acid. <i>Developmental Neuroscience</i> , 2017, 39, 519-528.	2.0	41
17	Influence of plasma cytokines on kynurenine and kynurenic acid in schizophrenia. <i>Neuropsychopharmacology</i> , 2018, 43, 1675-1680.	5.4	38
18	Basic Neuroscience Illuminates Causal Relationship Between Sleep and Memory: Translating to Schizophrenia. <i>Schizophrenia Bulletin</i> , 2018, 44, 7-14.	4.3	38

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19	Inhibition of kynurenine aminotransferase II attenuates hippocampus-dependent memory deficit in adult rats treated prenatally with kynurenine. <i>Hippocampus</i> , 2019, 29, 73-77.	1.9	38
20	Sex Differences in Hippocampal Memory and Kynurenic Acid Formation Following Acute Sleep Deprivation in Rats. <i>Scientific Reports</i> , 2018, 8, 6963.	3.3	33
21	Reversal of Clozapine Effects on Working Memory in Rats with Fimbria-Fornix Lesions. <i>Neuropsychopharmacology</i> , 2005, 30, 1121-1127.	5.4	32
22	Ventral hippocampal $\alpha 7$ and $\alpha 4\beta 2$ nicotinic receptor blockade and clozapine effects on memory in female rats. <i>Psychopharmacology</i> , 2006, 188, 597-604.	3.1	29
23	Effects of apoE on neuronal signaling and APP processing in rodent brain. <i>Brain Research</i> , 2006, 1112, 70-79.	2.2	27
24	Acute Kynurenine Challenge Disrupts Sleep-Wake Architecture and Impairs Contextual Memory in Adult Rats. <i>Sleep</i> , 2017, 40, .	1.1	27
25	Prenatal kynurenine exposure in rats: age-dependent changes in NMDA receptor expression and conditioned fear responding. <i>Psychopharmacology</i> , 2016, 233, 3725-3735.	3.1	26
26	Salivary kynurenic acid response to psychological stress: inverse relationship to cortical glutamate in schizophrenia. <i>Neuropsychopharmacology</i> , 2018, 43, 1706-1711.	5.4	24
27	Inhibition of c-Jun N-terminal kinase increases apoE expression in vitro and in vivo. <i>Biochemical and Biophysical Research Communications</i> , 2009, 387, 516-520.	2.1	20
28	Prenatal kynurenine treatment in rats causes schizophrenia-like broad monitoring deficits in adulthood. <i>Psychopharmacology</i> , 2018, 235, 651-661.	3.1	19
29	Astrocytes as Pharmacological Targets in the Treatment of Schizophrenia. <i>Handbook of Behavioral Neuroscience</i> , 2016, 23, 423-443.	0.7	17
30	Acute sleep deprivation during pregnancy in rats: Rapid elevation of placental and fetal inflammation and kynurenic acid. <i>Neurobiology of Stress</i> , 2020, 12, 100204.	4.0	17
31	Peripheral Cortisol and Inflammatory Response to a Psychosocial Stressor in People with Schizophrenia. <i>Journal of Neuropsychiatry (Foster City, Calif)</i> , 2018, 02, .	0.1	14
32	Exercise Your Kynurenines to Fight Depression. <i>Trends in Neurosciences</i> , 2018, 41, 491-493.	8.6	14
33	Prenatal Kynurenine Elevation Elicits Sex-Dependent Changes in Sleep and Arousal During Adulthood: Implications for Psychotic Disorders. <i>Schizophrenia Bulletin</i> , 2021, 47, 1320-1330.	4.3	11
34	Exposure to elevated embryonic kynurenine in rats: Sex-dependent learning and memory impairments in adult offspring. <i>Neurobiology of Learning and Memory</i> , 2020, 174, 107282.	1.9	10
35	Dehydroepiandrosterone formation is independent of cytochrome P450 17α -hydroxylase/17, 20 lyase activity in the mouse brain. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2009, 115, 86-90.	2.5	8
36	Time of Day-Dependent Alterations in Hippocampal Kynurenic Acid, Glutamate, and GABA in Adult Rats Exposed to Elevated Kynurenic Acid During Neurodevelopment. <i>Frontiers in Psychiatry</i> , 2021, 12, 734984.	2.6	8

#	ARTICLE	IF	CITATIONS
37	Application of Machine Learning to Sleep Stage Classification. , 2021, , .		7
38	Estradiol influences adenosinergic signaling and nonrapid eye movement sleep need in adult female rats. Sleep, 2022, 45, .	1.1	5
39	The Effects of a Gluten-Free Diet on Immune Markers and Kynurenic Acid Pathway Metabolites in Patients With Schizophrenia Positive for Antigliadin Antibodies Immunoglobulin G. Journal of Clinical Psychopharmacology, 2020, 40, 317-319.	1.4	3
40	A High-performance Liquid Chromatography Measurement of Kynurenine and Kynurenic Acid: Relating Biochemistry to Cognition and Sleep in Rats. Journal of Visualized Experiments, 2018, , .	0.3	1
41	The Role of Kynurenine Pathway Metabolites in Neuropsychiatric Disorders. , 2015, , 241-254.		1
42	0298 Kynurenic Acid Synthesis Inhibitor Promotes Enhanced Sleep Recovery Following Acute Sleep Deprivation in Adult Wistar Rats. Sleep, 2022, 45, A134-A134.	1.1	0
43	0197 Increased Brain Kynurenic Acid Elicits Sex-Dependent Abnormalities in NREM Sleep Spindle Dynamics. Sleep, 2022, 45, A90-A90.	1.1	0
44	0173 Kynurenine aminotransferase II inhibition improves sleep architecture in adult male and female rats exposed to kynurenic acid elevation during development. Sleep, 2022, 45, A80-A80.	1.1	0