

# Jan Klaschka

## List of Publications by Year in descending order

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39  
papers

686  
citations

759233

12  
h-index

552781

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42  
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42  
docs citations

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times ranked

1123  
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#	ARTICLE	IF	CITATIONS
1	On matching confidence intervals and tests for some discrete distributions: methodological and computational aspects. <i>Computational Statistics</i> , 2021, 36, 1775-1790.	1.5	5
2	Interactions of 17 $\beta$ -Hydroxysteroid Dehydrogenase Type 10 and Cyclophilin D in Alzheimer's Disease. <i>Neurochemical Research</i> , 2020, 45, 915-927.	3.3	8
3	Acute and Chronic Sleep Deprivation-Related Changes in N-methyl-D-aspartate Receptor $\alpha$ Nitric Oxide Signalling in the Rat Cerebral Cortex with Reference to Aging and Brain Lateralization. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3273.	4.1	13
4	Surface tension and intrinsic amyloid fluorescence of serum and cerebrospinal fluid samples in Alzheimer's disease. <i>Biomarkers in Medicine</i> , 2019, 13, 267-277.	1.4	1
5	Spina bifida in the Czech Republic – incidence and prenatal diagnostics. <i>Ceska A Slovenska Neurologie A Neurochirurgie</i> , 2019, 82/115, 410-414.	0.1	1
6	Levels of 17 $\beta$ -hydroxysteroid dehydrogenase type 10 in CSF are not a valuable biomarker for multiple sclerosis. <i>Biomarkers in Medicine</i> , 2018, 12, 1331-1340.	1.4	2
7	Trans-generational neurochemical modulation of methamphetamine in the adult brain of the Wistar rat. <i>Archives of Toxicology</i> , 2017, 91, 3373-3384.	4.2	18
8	Sex-Dependent Changes in Striatal Dopamine Transport in Preadolescent Rats Exposed Prenatally and/or Postnatally to Methamphetamine. <i>Neurochemical Research</i> , 2016, 41, 1911-1923.	3.3	13
9	Levels of 17 $\beta$ -Hydroxysteroid Dehydrogenase Type 10 in Cerebrospinal Fluid of People with Mild Cognitive Impairment and Various Types of Dementias. <i>Journal of Alzheimer's Disease</i> , 2015, 48, 105-114.	2.6	3
10	Age-Related Differences in NMDA Receptor Subunits of Prenatally Methamphetamine-Exposed Male Rats. <i>Neurochemical Research</i> , 2014, 39, 2040-2046.	3.3	6
11	POSTERS A.1 - BEHAVIOURAL AND BIOCHEMICAL PROFILES IN RATS INFECTED WITH TOXOPLASMA GONDII OR LIPOPOLYSACCHARIDE. <i>Behavioural Pharmacology</i> , 2013, 24, e22.	1.7	0
12	Expression of the Hippocampal NMDA Receptor GluN1 Subunit and Its Splicing Isoforms in Schizophrenia: Postmortem Study. <i>Neurochemical Research</i> , 2010, 35, 994-1002.	3.3	44
13	Attenuated antiaggregation effects of magnetite nanoparticles in cerebrospinal fluid of people with Alzheimer's disease. <i>Molecular BioSystems</i> , 2010, 6, 2200.	2.9	7
14	Olfactory dysfunction in narcolepsy with and without cataplexy. <i>Sleep Medicine</i> , 2010, 11, 558-561.	1.6	18
15	Enhanced levels of mitochondrial enzyme 17 $\beta$ -hydroxysteroid dehydrogenase type 10 in patients with Alzheimer disease and multiple sclerosis. <i>Molecular BioSystems</i> , 2009, 5, 1174.	2.9	29
16	Lateralization of hippocampal nitric oxide mediator system in people with Alzheimer disease, multi-infarct dementia and schizophrenia. <i>Neurochemistry International</i> , 2008, 53, 118-125.	3.8	28
17	P.3.f.006 Neonatal administration of HIV-1 proteins alters behaviour and NMDA receptor binding in the adult rat brain. <i>European Neuropsychopharmacology</i> , 2008, 18, S477.	0.7	0
18	Moclobemide and cognitive behavioral therapy in the treatment of social phobia. <i>European Psychiatry</i> , 2008, 23, S302.	0.2	2

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19	P.1.a.018 Changes in the expression of NR1 subunit of NMDA receptor in schizophrenic hippocampus. <i>European Neuropsychopharmacology</i> , 2007, 17, S237-S238.	0.7	0
20	Effectiveness of Low-Level Laser Therapy in Temporomandibular Joint Disorders: A Placebo-Controlled Study. <i>Photomedicine and Laser Surgery</i> , 2007, 25, 297-303.	2.0	136
21	P.3.d.010 Neonatal endotoxin administration induces behavioural changes in young adult rat males: implications for the etiopathogenesis of schizophrenia. <i>European Neuropsychopharmacology</i> , 2006, 16, S434-S435.	0.7	0
22	Sex-dependent Actions of Amyloid Beta Peptides on Hippocampal Choline Carriers of Postnatal Rats. <i>Neurochemical Research</i> , 2006, 31, 351-360.	3.3	10
23	B98 NEONATAL BRAIN INFUSION OF QUINOLINIC ACID INDUCES SCHIZOPHRENIA-LIKE BEHAVIOUR IN ADULT RATS. <i>Behavioural Pharmacology</i> , 2005, 16, S97.	1.7	0
24	Exposure of Postnatal Rats to a Static Magnetic Field of 0.14 T Influences Functional Laterality of the Hippocampal High-Affinity Choline Uptake System in Adulthood; In vitro Test with Magnetic Nanoparticles. <i>Neurochemical Research</i> , 2005, 30, 253-262.	3.3	5
25	Age- and Sex-Dependent Laterality of Rat Hippocampal Cholinergic System in Relation to Animal Models of Neurodevelopmental and Neurodegenerative Disorders. <i>Neurochemical Research</i> , 2004, 29, 671-680.	3.3	30
26	Methods for multidimensional event classification: a case study using images from a Cherenkov gamma-ray telescope. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2004, 516, 511-528.	1.6	129
27	Age- and sex-dependent effects of ethanol on hippocampal hemicholinium-3 sensitive choline carriers during postnatal development of rats. <i>Neurochemical Research</i> , 2003, 28, 397-405.	3.3	10
28	Amyloid beta peptide 1-40 and the function of rat hippocampal hemicholinium-3 sensitive choline carriers: effects of a proteolytic degradation in vitro. <i>Neurochemical Research</i> , 2001, 26, 203-212.	3.3	21
29	P01.110 Psychoeducation and relapse of schizophrenia. <i>European Psychiatry</i> , 2000, 15, 349s-349s.	0.2	5
30	Effects of K <sup>+</sup> -depolarization, arachidonic acid, ethanol, and aging on the high-affinity choline transport in rat hippocampus. <i>Neurochemical Research</i> , 1998, 23, 923-929.	3.3	4
31	Effects of Aging and Dementia on the Levels of Thiobarbituric-Acid- Reactive Products Stimulated by L-Glutamic Acid in Human Autopsy and Biopsy Brain Tissue. <i>Dementia and Geriatric Cognitive Disorders</i> , 1998, 9, 6-12.	1.5	44
32	In vitro effects of arachidonic and L-glutamic acids on the high-affinity choline transport in rat hippocampus. <i>Neurochemical Research</i> , 1997, 22, 67-73.	3.3	3
33	Open non-comparative multicenter pilot study on the efficacy and tolerance of sertraline in the treatment of patients with major depression who cannot tolerate tricyclic antidepressants. <i>Behavioural Pharmacology</i> , 1995, 6, 31.	1.7	1
34	(3H)Hemicholinium-3 binding sites in postmortem brains of human patients with Alzheimer's disease and multi-infarct dementia. <i>Experimental Gerontology</i> , 1995, 30, 125-136.	2.8	19
35	Effect of aging on lipid peroxide levels induced by L-glutamic acid and estimated by means of a thiobarbituric acid test in rat brain tissue. <i>Experimental Gerontology</i> , 1995, 30, 645-657.	2.8	8
36	Early Postnatal Diazepam Treatment of Rats and Neuroimmunocompetence in Adulthood and Senescence. <i>Annals of the New York Academy of Sciences</i> , 1994, 717, 89-101.	3.8	4

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37	Effect of postmortem storage on the [3H]hemicholinium-3 binding site in the rat brain. Preliminary study for investigations of human patients with Alzheimer's disease. Archives of Gerontology and Geriatrics, 1993, 16, 117-128.	3.0	3
38	High-affinity choline uptake and muscarinic receptors in rat brain during aging. Archives of Gerontology and Geriatrics, 1992, 15, 87-97.	3.0	11
39	Modification of the Grassberger-Procaccia algorithm for estimating the correlation exponent of chaotic systems with high embedding dimension. Physics Letters, Section A: General, Atomic and Solid State Physics, 1990, 145, 225-231.	2.1	45