

Jan Homolak

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

528
citations

933264

10
h-index

794469

19
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49
all docs

49
docs citations

49
times ranked

508
citing authors

#	ARTICLE	IF	CITATIONS
1	Disbalance of the Duodenal Epithelial Cell Turnover and Apoptosis Accompanies Insensitivity of Intestinal Redox Homeostasis to Inhibition of the Brain Glucose-Dependent Insulinotropic Polypeptide Receptors in a Rat Model of Sporadic Alzheimer's Disease. <i>Neuroendocrinology</i> , 2022, 112, 744-762.	1.2	15
2	Redox Homeostasis in Alzheimer's Disease. <i>Healthy Ageing and Longevity</i> , 2022, , 323-348.	0.2	11
3	Nitrocellulose redox permanganometry: A simple method for reductive capacity assessment. <i>MethodsX</i> , 2022, 9, 101611.	0.7	13
4	Divergent Effect of Central Incretin Receptors Inhibition in a Rat Model of Sporadic Alzheimer's Disease. <i>International Journal of Molecular Sciences</i> , 2022, 23, 548.	1.8	2
5	Publishing of COVID-19 preprints in peer-reviewed journals, preprinting trends, public discussion and quality issues. <i>Scientometrics</i> , 2022, 127, 1339-1352.	1.6	21
6	The Effect of Acute Oral Galactose Administration on the Redox System of the Rat Small Intestine. <i>Antioxidants</i> , 2022, 11, 37.	2.2	17
7	A hacked kitchen scale-based system for quantification of grip strength in rodents. <i>Computers in Biology and Medicine</i> , 2022, 144, 105391.	3.9	6
8	In vitro analysis of catalase and superoxide dismutase mimetic properties of blue tattoo ink. <i>Free Radical Research</i> , 2022, 56, 343-357.	1.5	10
9	Additional methodological considerations regarding optimization of the dose of intracerebroventricular streptozotocin A response to: "Optimization of intracerebroventricular streptozotocin dose for the induction of neuroinflammation and memory impairments in rats" by Ghosh et al., <i>Metab Brain Dis</i> 2020 July 21, <i>Metabolic Brain Disease</i> , 2021, 36, 97-102.	1.4	14
10	Experimental Approach to Alzheimer's Disease with Emphasis on Insulin Resistance in the Brain. , 2021, , 1-52.		4
11	Circadian changes in Alzheimer's disease: Neurobiology, clinical problems, and therapeutic opportunities. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2021, 179, 285-300.	1.0	7
12	Repurposing a digital kitchen scale for neuroscience research: a complete hardware and software cookbook for PASTA. <i>Scientific Reports</i> , 2021, 11, 2963.	1.6	10
13	An Additional Perspective on Proton Pump Inhibitors as Risk Factors for COVID-19. <i>Clinical Drug Investigation</i> , 2021, 41, 287-289.	1.1	2
14	The effect of a color tattoo on the local skin redox regulatory network: an N-of-1 study. <i>Free Radical Research</i> , 2021, 55, 221-229.	1.5	15
15	Insulin Resistance as a Common Link Between Current Alzheimer's Disease Hypotheses. <i>Journal of Alzheimer's Disease</i> , 2021, 82, 71-105.	1.2	21
16	The onset of ulcerative colitis upon <i>Helicobacter pylori</i> eradication in a 72-year-old woman: report of a rare case with a 3-year follow-up. <i>BMC Gastroenterology</i> , 2021, 21, 303.	0.8	0
17	GLP-1 receptor "Do we really know what we're looking at?". <i>Acta Histochemica</i> , 2021, 123, 151732.	0.9	1
18	Failure of the Brain Glucagon-Like Peptide-1-Mediated Control of Intestinal Redox Homeostasis in a Rat Model of Sporadic Alzheimer's Disease. <i>Antioxidants</i> , 2021, 10, 1118.	2.2	20

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19	Is Galactose a Hormetic Sugar? An Exploratory Study of the Rat Hippocampal Redox Regulatory Network. <i>Molecular Nutrition and Food Research</i> , 2021, 65, e2100400.	1.5	16
20	A Cross-Sectional Study of Hepatitis B and Hepatitis C Knowledge among Dental Medicine Students at the University of Zagreb. <i>Acta Clinica Croatica</i> , 2021, 60, 216-230.	0.1	1
21	Preliminary analysis of COVID-19 academic information patterns: a call for open science in the times of closed borders. <i>Scientometrics</i> , 2020, 124, 2687-2701.	1.6	96
22	Different response of hypothalamus and temporal cortex to intranasal insulin in rat model of sporadic Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2020, 16, e042839.	0.4	0
23	Hormetic effects of galactose could be explained by rapid metabolic network disinhibition of the protective oxidative pentose phosphate pathway flux. <i>Alzheimer's and Dementia</i> , 2020, 16, e043560.	0.4	0
24	Widely available lysosome targeting agents should be considered as potential therapy for COVID-19. <i>International Journal of Antimicrobial Agents</i> , 2020, 56, 106044.	1.1	56
25	Shared cerebral metabolic pathology in non-transgenic animal models of Alzheimer's and Parkinson's disease. <i>Journal of Neural Transmission</i> , 2020, 127, 231-250.	1.4	13
26	Inducing hypertrophic effects of type I skeletal muscle fibers: A hypothetical role of time under load in resistance training aimed at muscular hypertrophy. <i>Medical Hypotheses</i> , 2018, 112, 40-42.	0.8	23
27	Circadian Rhythm and Alzheimer's Disease. <i>Medical Sciences (Basel, Switzerland)</i> , 2018, 6, 52.	1.3	42
28	Rat brain glucose transporter-2, insulin receptor and glial expression are acute targets of intracerebroventricular streptozotocin: risk factors for sporadic Alzheimer's disease?. <i>Journal of Neural Transmission</i> , 2017, 124, 695-708.	1.4	39
29	Melatonin: The Immunology Perspective. <i>Gyrus</i> , 2015, 3, 72-80.	0.0	4
30	A biallelic loss-of-function variant in MYZAP is associated with a recessive form of severe dilated cardiomyopathy. <i>Journal of Physical Education and Sports Management</i> , 0, , mcs.a006221.	0.5	4