Tim Hofer

List of Publications by Year
in descending order

38 papers	2,606 citations	218592 26 h-index	330025 37 g-index
38 all docs	38 docs citations	38 times ranked	3732 citing authors

#	Article	IF	Citations
1	Cerebral Iron Deposition in Neurodegeneration. Biomolecules, 2022, 12, 714.	1.8	38
2	Effects of a human-based mixture of persistent organic pollutants on the in vivo exposed cerebellum and cerebellar neuronal cultures exposed in vitro. Environment International, 2021, 146, 106240.	4.8	10
3	Does the food processing contaminant acrylamide cause developmental neurotoxicity? A review and identification of knowledge gaps. Reproductive Toxicology, 2021, 101, 93-114.	1.3	20
4	Interaction of Neuromelanin with Xenobiotics and Consequences for Neurodegeneration; Promising Experimental Models. Antioxidants, 2021, 10, 824.	2.2	20
5	Oxidative Stress in Human Toxicology. Antioxidants, 2021, 10, 1159.	2.2	7
6	Analysis of elimination half-lives in MamTKDB 1.0 related to bioaccumulation: Requirement of repeated administration and blood plasma values underrepresent tissues. Environment International, 2021, 155, 106592.	4.8	5
7	Bisphenol A and its analogues: A comprehensive review to identify and prioritize effect biomarkers for human biomonitoring. Environment International, 2020, 144, 105811.	4.8	133
8	Bisphenols and Oxidative Stress Biomarkersâ€"Associations Found in Human Studies, Evaluation of Methods Used, and Strengths and Weaknesses of the Biomarkers. International Journal of Environmental Research and Public Health, 2020, 17, 3609.	1.2	35
9	Iron and other metals in the pathogenesis of Parkinson's disease: Toxic effects and possible detoxification. Journal of Inorganic Biochemistry, 2019, 199, 110717.	1.5	39
10	Association between exposure to a mixture of phenols, pesticides, and phthalates and obesity: Comparison of three statistical models. Environment International, 2019, 123, 325-336.	4.8	265
11	Repeated five-day administration of L-BMAA, microcystin-LR, or as mixture, in adult C57BL/6 mice - lack of adverse cognitive effects. Scientific Reports, 2018, 8, 2308.	1.6	16
12	Restoration of Cognitive Performance in Mice Carrying a Deficient Allele of 8-Oxoguanine DNA Glycosylase by X-ray Irradiation. Neurotoxicity Research, 2018, 33, 824-836.	1.3	14
13	Time-dependent effects of perfluorinated compounds on viability in cerebellar granule neurons: Dependence on carbon chain length and functional group attached. NeuroToxicology, 2017, 63, 70-83.	1.4	35
14	Nucleic acid oxidative damage in Alzheimer's diseaseâ€"explained by the hepcidin-ferroportin neuronal iron overload hypothesis?. Journal of Trace Elements in Medicine and Biology, 2016, 38, 1-9.	1.5	36
15	Comparison of Food Antioxidants and Iron Chelators in Two Cellular Free Radical Assays: Strong Protection by Luteolin. Journal of Agricultural and Food Chemistry, 2014, 62, 8402-8410.	2.4	26
16	Polyunsaturated fatty acid-derived chromones exhibiting potent antioxidant activity. Chemistry and Physics of Lipids, 2013, 170-171, 41-45.	1.5	20
17	Metal Dyshomeostasis and Inflammation in Alzheimerâ€™s and Parkinsonâ€™s Diseases: Possible Impact of Environmental Exposures. Oxidative Medicine and Cellular Longevity, 2013, 2013, 1-19.	1.9	99
18	Bioenergetics and permeability transition pore opening in heart subsarcolemmal and interfibrillar mitochondria: Effects of aging and lifelong calorie restriction. Mechanisms of Ageing and Development, 2009, 130, 297-307.	2.2	81

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19	RNA oxidation in Alzheimer disease and related neurodegenerative disorders. Acta Neuropathologica, 2009, 118, 151-166.	3.9	134
20	Comparison of lifelong and late life exercise on oxidative stress in the cerebellum. Neurobiology of Aging, 2009, 30, 903-909.	1.5	61
21	Mitochondrial iron accumulation with age and functional consequences. Aging Cell, 2008, 7, 706-716.	3.0	99
22	Increased iron content and RNA oxidative damage in skeletal muscle with aging and disuse atrophy. Experimental Gerontology, 2008, 43, 563-570.	1.2	118
23	Long-Term Effects of Caloric Restriction or Exercise on DNA and RNA Oxidation Levels in White Blood Cells and Urine in Humans. Rejuvenation Research, 2008, 11, 793-799.	0.9	92
24	Mitochondrial nonâ€heme iron levels determine susceptibility to permeability transition pore (PTP) with age: The effects of lifeâ€long calorie restriction.. FASEB Journal, 2008, 22, 142-142.	0.2	0
25	Molecular mechanisms of life- and health-span extension: role of calorie restriction and exercise intervention. Applied Physiology, Nutrition and Metabolism, 2007, 32, 954-966.	0.9	62
26	Stress response of a freshwater clam along an abiotic gradient: too much oxygen may limit distribution. Functional Ecology, 2007, 21, 344-355.	1.7	20
27	Evaluation of sex differences on mitochondrial bioenergetics and apoptosis in mice. Experimental Gerontology, 2007, 42, 173-182.	1.2	64
28	A method to determine RNA and DNA oxidation simultaneously by HPLC-ECD: greater RNA than DNA oxidation in rat liver after doxorubicin administration. Biological Chemistry, 2006, 387, 103-11.	1.2	126
29	Mitochondrial DNA mutations, energy metabolism and apoptosis in aging muscle. Ageing Research Reviews, 2006, 5, 179-195.	5.0	147
30	DNA oxidative damage and strand breaks in young healthy individuals: A gender difference and the role of life style factors. Free Radical Research, 2006, 40, 707-714.	1.5	52
31	Hepatic Oxidative Stress During Aging: Effects of 8% Long-Term Calorie Restriction and Lifelong Exercise. Antioxidants and Redox Signaling, 2006, 8, 529-538.	2.5	61
32	Hydrogen peroxide causes greater oxidation in cellular RNA than in DNA. Biological Chemistry, 2005, 386, 333-7.	1.2	170
33	The transcriptosomal response of human A549 lung cells to a hydrogen peroxide-generating system: relationship to DNA damage, cell cycle arrest, and caspase activation. Free Radical Biology and Medicine, 2004, 36, 881-896.	1.3	57
34	Cellular background level of 8-oxo-7,8-dihydro-2'-deoxyguanosine: an isotope based method to evaluate artefactual oxidation of DNA during its extraction and subsequent work-up. Carcinogenesis, 2002, 23, 1911-1918.	1.3	265
35	Optimization of the Workup Procedure for the Analysis of 8-Oxo-7,8-dihydro-2â€˜-deoxyguanosine with Electrochemical Detection. Chemical Research in Toxicology, 2002, 15, 426-432.	1.7	50
36	Oxidation of 2â€²-deoxyguanosine by H2O2â€"ascorbate: evidence against free OHË™ and thermodynamic support for two-electron reduction of H2O2. Perkin Transactions II RSC, 2001, , 210-213.	1.1	20

#	Article	IF	Citations
37	Methodological considerations and factors affecting 8-hydroxy-2â€²-deoxyguanosine analysis. Free Radical Research, 1998, 29, 511-524.	1.5	31
38	Reduction of Oxidation during the Preparation of DNA and Analysis of 8-Hydroxy-2â€˜-deoxyguanosine. Chemical Research in Toxicology, 1998, 11, 882-887.	1.7	78