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List of Publications by Year in descending order

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41
papers

933
citations

394286

19
h-index

454834

30
g-index

42
all docs

42
docs citations

42
times ranked

1808
citing authors

#	ARTICLE	IF	CITATIONS
1	Cardiolipin Profile Changes are Associated to the Early Synaptic Mitochondrial Dysfunction in Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2014, 43, 1375-1392.	1.2	90
2	Alterations in phospholipidomic profile in the brain of mouse model of depression induced by chronic unpredictable stress. <i>Neuroscience</i> , 2014, 273, 1-11.	1.1	58
3	Effects of combined physical exercise training on DNA damage and repair capacity: role of oxidative stress changes. <i>Age</i> , 2015, 37, 9799.	3.0	57
4	Antioxidant activities of chestnut nut of <i>Castanea sativa</i> Mill. (cultivar "Judia"™) as function of origin ecosystem. <i>Food Chemistry</i> , 2012, 132, 1-8.	4.2	54
5	N-diethylnitrosamine mouse hepatotoxicity: Time-related effects on histology and oxidative stress. <i>Experimental and Toxicologic Pathology</i> , 2014, 66, 429-436.	2.1	52
6	New benzopyranocarbazoles: synthesis and photochromic behaviour. <i>Tetrahedron</i> , 2005, 61, 1681-1691.	1.0	40
7	Mitochondria a key role in microcystin-LR kidney intoxication. <i>Journal of Applied Toxicology</i> , 2008, 28, 55-62.	1.4	40
8	Synthesis and spectrokinetic studies of spiro[thioxanthene-naphthopyrans]. <i>Tetrahedron</i> , 2002, 58, 9505-9511.	1.0	39
9	HPV16 induces a wasting syndrome in transgenic mice: Amelioration by dietary polyphenols via NF- κ B inhibition. <i>Life Sciences</i> , 2017, 169, 11-19.	2.0	39
10	Beneficial effects of white wine polyphenols-enriched diet on Alzheimer's disease-like pathology. <i>Journal of Nutritional Biochemistry</i> , 2018, 55, 165-177.	1.9	36
11	Nerolidol effects on mitochondrial and cellular energetics. <i>Toxicology in Vitro</i> , 2012, 26, 189-196.	1.1	35
12	Photochemical and thermal behaviour of new photochromic indeno-fused naphthopyrans. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2005, 172, 300-307.	2.0	34
13	Changes in fatty acid profile and antioxidant systems in a <i>Nostoc muscorum</i> strain exposed to the herbicide bentazon. <i>Process Biochemistry</i> , 2011, 46, 2152-2162.	1.8	28
14	A Thieno-2H-chromene $\hat{\pm}$ -Amino Acid Derivative: Synthesis and Photochromic Properties. <i>Organic Letters</i> , 2005, 7, 4811-4814.	2.4	26
15	Tacrine and its analogues impair mitochondrial function and bioenergetics: a lipidomic analysis in rat brain. <i>Journal of Neurochemistry</i> , 2012, 120, 998-1013.	2.1	26
16	Mitochondrial and liver oxidative stress alterations induced by N-butyl-N-(4-hydroxybutyl)nitrosamine: relevance for hepatotoxicity. <i>Journal of Applied Toxicology</i> , 2013, 33, 434-443.	1.4	22
17	Age-Dependent Biochemical Dysfunction in Skeletal Muscle of Triple- Transgenic Mouse Model of Alzheimer's Disease. <i>Current Alzheimer Research</i> , 2015, 12, 100-115.	0.7	22
18	Intervention with a combined physical exercise training to reduce oxidative stress of women over 40 years of age. <i>Experimental Gerontology</i> , 2019, 123, 1-9.	1.2	22

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19	How can age and lifestyle variables affect DNA damage, repair capacity and endogenous biomarkers of oxidative stress?. <i>Experimental Gerontology</i> , 2015, 62, 45-52.	1.2	21
20	Remarkable thermally stable open forms of photochromic new N-substituted benzopyranocarbazoles. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2008, 198, 242-249.	2.0	19
21	Biochemical and histological changes in the liver and gills of Nile tilapia <i>Oreochromis niloticus</i> exposed to Red 195 dye. <i>RSC Advances</i> , 2015, 5, 87168-87178.	1.7	19
22	Identification of Free Radicals by Spin Trapping with DEPMPO and MCPIO Using Tandem Mass Spectrometry. <i>European Journal of Mass Spectrometry</i> , 2009, 15, 689-703.	0.5	16
23	Study of sphingolipids oxidation by ESI tandem MS. <i>European Journal of Lipid Science and Technology</i> , 2012, 114, 726-732.	1.0	13
24	Use of Parabens (Methyl and Butyl) during the Gestation Period: Mitochondrial Bioenergetics of the Testes and Antioxidant Capacity Alterations in Testes and Other Vital Organs of the F1 Generation. <i>Antioxidants</i> , 2020, 9, 1302.	2.2	13
25	Histology, bioenergetics and oxidative stress in mouse liver exposed to N-diethylnitrosamine. <i>In Vivo</i> , 2012, 26, 921-9.	0.6	13
26	Membrane lipid profile alterations are associated with the metabolic adaptation of the Caco-2 cells to glyceemic nutritional condition. <i>Journal of Bioenergetics and Biomembranes</i> , 2014, 46, 45-57.	1.0	12
27	Cardiolipin and oxidative stress: Identification of new short chain oxidation products of cardiolipin in in vitro analysis and in nephrotoxic drug-induced disturbances in rat kidney tissue. <i>International Journal of Mass Spectrometry</i> , 2011, 301, 62-73.	0.7	11
28	A nanophytosomes formulation based on elderberry anthocyanins and Codium lipids to mitigate mitochondrial dysfunctions. <i>Biomedicine and Pharmacotherapy</i> , 2021, 143, 112157.	2.5	10
29	Profile of Phosphatidylserine Modifications under Nitroxidative Stress Conditions Using a Liquid Chromatography-Mass Spectrometry Based Approach. <i>Molecules</i> , 2019, 24, 107.	1.7	9
30	Propofol affinity to mitochondrial membranes does not alter mitochondrial function. <i>European Journal of Pharmacology</i> , 2017, 803, 48-56.	1.7	8
31	The Cyclooxygenase-2 Inhibitor Parecoxib Prevents Epidermal Dysplasia in HPV16-Transgenic Mice: Efficacy and Safety Observations. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3902.	1.8	8
32	Detection and characterization of cyclic hydroxylamine adducts by mass spectrometry. <i>Free Radical Research</i> , 2008, 42, 481-491.	1.5	7
33	Carvedilol exacerbate gentamicin-induced kidney mitochondrial alterations in adult rat. <i>Experimental and Toxicologic Pathology</i> , 2017, 69, 83-92.	2.1	7
34	Electrospray tandem mass spectrometry of 2H-chromenes. <i>Rapid Communications in Mass Spectrometry</i> , 2004, 18, 2969-2975.	0.7	6
35	Synthesis and Photochromic Behavior of Fluoro 2H-1-Benzopyrans Containing a Carbazole Moiety. <i>Molecular Crystals and Liquid Crystals</i> , 2005, 431, 473-485.	0.4	4
36	Photochromism of indolino-benzopyrans studied by NMR and UV-visible spectroscopy. <i>International Journal of Photoenergy</i> , 2006, 2006, 1-7.	1.4	4

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37	Parabens enhance the calcium-dependent testicular mitochondrial permeability transition: Their relevance on the reproductive capacity in male animals. <i>Journal of Biochemical and Molecular Toxicology</i> , 2021, 35, e22661.	1.4	4
38	The influence of <i>Castanea sativa</i> Mill. flower extract on hormonally and chemically induced prostate cancer in a rat model. <i>Food and Function</i> , 2021, 12, 2631-2643.	2.1	4
39	The Effects of Long-Term Chaetomelic Acid A Administration on Renal Function and Oxidative Stress in a Rat Model of Renal Mass Reduction. <i>BioMed Research International</i> , 2017, 2017, 1-10.	0.9	3
40	Cleavage of photochromic compounds derived from heterocycles under electrospray tandem mass spectrometry: study of the influence of the heteroatom in fragmentation mechanisms. <i>Rapid Communications in Mass Spectrometry</i> , 2010, 24, 2171-2174.	0.7	2
41	New Benzopyranocarbazoles: Synthesis and Photochromic Behavior.. <i>ChemInform</i> , 2005, 36, no.	0.1	0