ZdeÅ^ka ÄŽraÄkovÃ;

List of Publications by Year in descending order

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41 papers

1,371 citations

393982 19 h-index 36 g-index

45 all docs

45 docs citations

45 times ranked

2012 citing authors

#	Article	IF	CITATIONS
1	The hCOMET project: International database comparison of results with the comet assay in human biomonitoring. Baseline frequency of DNA damage and effect of main confounders. Mutation Research - Reviews in Mutation Research, 2021, 787, 108371.	2.4	45
2	The Effect of Omega-3 Fatty Acids on Thromboxane, Brain-Derived Neurotrophic Factor, Homocysteine, and Vitamin D in Depressive Children and Adolescents: Randomized Controlled Trial. Nutrients, 2021, 13, 1095.	1.7	21
3	Oxidative Stress Markers and Antioxidant Enzymes in Children and Adolescents with Depressive Disorder and Impact of Omega-3 Fatty Acids in Randomised Clinical Trial. Antioxidants, 2021, 10, 1256.	2.2	23
4	Lipid Profile, Lipoprotein Subfractions, and Fluidity of Membranes in Children and Adolescents with Depressive Disorder: Effect of Omega-3 Fatty Acids in a Double-Blind Randomized Controlled Study. Biomolecules, 2020, 10, 1427.	1.8	14
5	Lower activity of salivary alpha-amylase in youths with depression. Stress, 2020, 23, 688-693.	0.8	11
6	Constituents and Metabolites of a French Oak Wood Extract (Robuvit \hat{A}^{\otimes}) in Serum and Blood Cell Samples of Women Undergoing Hysterectomy. Frontiers in Pharmacology, 2020, 11, 74.	1.6	8
7	Neuroinflammation and depressive disorder: The role of the hypothalamus. Journal of Clinical Neuroscience, 2020, 75, 5-10.	0.8	37
8	Omega-3 fatty-acids modulate symptoms of depressive disorder, serum levels of omega-3 fatty acids and omega-6/omega-3 ratio in children. A randomized, double-blind and controlled trial. Psychiatry Research, 2020, 287, 112911.	1.7	46
9	The Oak–Wood Extract Robuvit® Improves Recovery and Oxidative Stress after Hysterectomy: A Randomized, Double-blind, Placebo-Controlled Pilot Study. Nutrients, 2020, 12, 913.	1.7	11
10	Gender differences in LDL- and HDL-cholesterol subfractions in patients after the acute ischemic stroke and their association with oxidative stress markers. Journal of Clinical Biochemistry and Nutrition, 2018, 63, 144-148.	0.6	10
11	Fish oil emulsion supplementation might improve quality of life of diabetic patients due to its antioxidant and anti-inflammatory properties. Nutrition Research, 2017, 46, 49-58.	1.3	17
12	Emulsified omega-3 fatty-acids modulate the symptoms of depressive disorder in children and adolescents: a pilot study. Child and Adolescent Psychiatry and Mental Health, 2017, 11, 30.	1.2	20
13	Protective effects of black tea extract against oxidative DNA damage in human lymphocytes. Molecular Medicine Reports, 2016, 13, 1839-1844.	1.1	7
14	Gas chromatography determination of fatty acids in the human erythrocyte membranes – A review. Prostaglandins Leukotrienes and Essential Fatty Acids, 2016, 115, 35-40.	1.0	17
15	Sex differences in the blood antioxidant defense system in juvenile rats with various genetic predispositions to hypertension. Hypertension Research, 2016, 39, 64-69.	1.5	18
16	Changed Plasma Levels of Zinc and Copper to Zinc Ratio and Their Possible Associations with Parent- and Teacher-Rated Symptoms in Children with Attention-Deficit Hyperactivity Disorder. Biological Trace Element Research, 2016, 169, 1-7.	1.9	49
17	High density lipoprotein subfractions and paraoxonase 1 in children. Acta Biochimica Polonica, 2016, 63, 555-63.	0.3	7
18	The effects of fish oil emulsion supplementation on synaptosomal membrane enzyme activities in diabetic rats: Protective effect on K+-paranitrophenylphosphatase activity only in non-diabetic rats but no significant influence on Na+/K+-ATPase activity. European Journal of Lipid Science and Technology, 2015, 117, 37-44.	1.0	0

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19	Markers of Oxidative Stress and Neuroprogression in Depression Disorder. Oxidative Medicine and Cellular Longevity, 2015, 2015, 1-12.	1.9	232
20	Psychiatric Disorders and Polyphenols: Can They Be Helpful in Therapy?. Oxidative Medicine and Cellular Longevity, 2015, 2015, 1-16.	1.9	66
21	Were Plasma Trace Element Levels Changed in the Children with ADHD?. Biological Trace Element Research, 2015, 168, 518-519.	1.9	O
22	Two-dimensional high performance liquid chromatography for determination of homocysteine, methionine and cysteine enantiomers in human serum. Journal of Chromatography A, 2015, 1408, 118-124.	1.8	51
23	Anticancer effect of black tea extract in human cancer cell lines. SpringerPlus, 2015, 4, 127.	1.2	41
24	An Effect of Oakâ€Wood Extract (Robuvit®) on Energy State of Healthy Adultsâ€"A Pilot Study. Phytotherapy Research, 2015, 29, 1219-1224.	2.8	13
25	Separation of Enantiomers of Selected Sulfur-Containing Amino Acids by Using Serially Coupled Achiral-Chiral Columns. Journal of Liquid Chromatography and Related Technologies, 2015, 38, 789-794.	0.5	8
26	Effect of walnut oil on hyperglycemia-induced oxidative stress and pro-inflammatory cytokines production. European Journal of Nutrition, 2015, 54, 291-299.	1.8	22
27	Effect of the French Oak Wood Extract Robuvit on Markers of Oxidative Stress and Activity of Antioxidant Enzymes in Healthy Volunteers: A Pilot Study. Oxidative Medicine and Cellular Longevity, 2014, 1-6.	1.9	20
28	Paraoxonase 1 and HDL subfractions in hypercholesterolemic children and adolescents. Free Radical Biology and Medicine, 2014, 75, S29.	1.3	2
29	Free Radicals and Antioxidants for Non-Experts. , 2014, , 3-38.		19
30	Effect of a plant sterol, fish oil and B vitamin combination on cardiovascular risk factors in hypercholesterolemic children and adolescents: a pilot study. Nutrition Journal, 2013, 12, 7.	1.5	32
31	Modulation of insulin resistance by PUFA in metabolic tissues. European Journal of Lipid Science and Technology, 2013, 115, 475-482.	1.0	1
32	Antimutagenic <i>in vitro</i> activity of plant polyphenols: Pycnogenol ^{\hat{A}^{\otimes}} and <i>Ginkgo biloba</i> extract (EGb 761). Phytotherapy Research, 2008, 22, 384-388.	2.8	19
33	Oxidants, Antioxidants and Oxidative Stress. , 2008, , 19-54.		12
34	Urinary catecholamines in children with attention deficit hyperactivity disorder (ADHD): Modulation by a polyphenolic extract from pine bark (Pycnogenol ^{\hat{A}^{\otimes} 10, 151-157.}	1.5	64
35	Protein carbonyls as a biomarker of foetal-neonatal hypoxic stress. Clinical Biochemistry, 2007, 40, 567-570.	0.8	18
36	Antioxidative activity of selected fruits and vegetables. Biologia (Poland), 2006, 61, 279-284.	0.8	34

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37	Paraoxonase 1 (PON1) and its relationship to lipid variables, age and gender in healthy volunteers. Biologia (Poland), 2006, 61, 699-704.	0.8	3
38	Treatment of ADHD with French maritime pine bark extract, Pycnogenol®. European Child and Adolescent Psychiatry, 2006, 15, 329-335.	2.8	96
39	The effect of polyphenolic extract from pine bark, Pycnogenol®on the level of glutathione in children suffering from attention deficit hyperactivity disorder (ADHD). Redox Report, 2006, 11, 163-172.	1.4	60
40	Effect of polyphenolic extract, Pycnogenol \hat{A}^{\otimes} , on the level of 8-oxoguanine in children suffering from attention deficit/hyperactivity disorder. Free Radical Research, 2006, 40, 1003-1010.	1.5	78
41	Oxidative Stress in University Students during Examinations. Stress, 2004, 7, 183-188.	0.8	114