

Ewa Birkner

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

797
citations

471509
17
h-index

552781
26
g-index

52
all docs

52
docs citations

52
times ranked

1406
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Gene expression and activity of antioxidant enzymes in the blood cells of workers who were occupationally exposed to lead. <i>Toxicology</i> , 2012, 301, 79-84. | 4.2 | 65 |
| 2 | Beta-carotene reduces oxidative stress, improves glutathione metabolism and modifies antioxidant defense systems in lead-exposed workers. <i>Toxicology and Applied Pharmacology</i> , 2014, 280, 36-41. | 2.8 | 60 |
| 3 | The Impact of Coffee and Its Selected Bioactive Compounds on the Development and Progression of Colorectal Cancer In Vivo and In Vitro. <i>Molecules</i> , 2018, 23, 3309. | 3.8 | 55 |
| 4 | Oxidative Stress Markers and C-Reactive Protein Are Related to Severity of Heart Failure in Patients with Dilated Cardiomyopathy. <i>Mediators of Inflammation</i> , 2014, 2014, 1-10. | 3.0 | 38 |
| 5 | Activity of superoxide dismutase and catalase in people protractedly exposed to lead compounds. <i>Annals of Agricultural and Environmental Medicine</i> , 2004, 11, 291-6. | 1.0 | 34 |
| 6 | Effect of N-acetylcysteine administration on the expression and activities of antioxidant enzymes and the malondialdehyde level in the blood of lead-exposed workers. <i>Environmental Toxicology and Pharmacology</i> , 2014, 37, 638-647. | 4.0 | 32 |
| 7 | The influence of macro and trace elements on sperm quality. <i>Journal of Trace Elements in Medicine and Biology</i> , 2015, 30, 153-159. | 3.0 | 31 |
| 8 | The Associations between Infertility and Antioxidants, Proinflammatory Cytokines, and Chemokines. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-8. | 4.0 | 28 |
| 9 | Comparison of Oxidative Stress Parameters in Heart Failure Patients Depending on Ischaemic or Nonischaemic Aetiology. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-13. | 4.0 | 28 |
| 10 | The administration of N-acetylcysteine reduces oxidative stress and regulates glutathione metabolism in the blood cells of workers exposed to lead. <i>Clinical Toxicology</i> , 2013, 51, 480-486. | 1.9 | 26 |
| 11 | Blood morphology and the levels of selected cytokines related to hematopoiesis in occupational short-term exposure to lead. <i>Toxicology and Applied Pharmacology</i> , 2016, 305, 111-117. | 2.8 | 24 |
| 12 | Association between subchronic and chronic lead exposure and levels of antioxidants and chemokines. <i>International Archives of Occupational and Environmental Health</i> , 2016, 89, 1077-1085. | 2.3 | 22 |
| 13 | Glutathione, glutathione-related enzymes, and oxidative stress in individuals with subacute occupational exposure to lead. <i>Environmental Toxicology and Pharmacology</i> , 2016, 45, 235-240. | 4.0 | 22 |
| 14 | The effect of occupational chronic lead exposure on the complete blood count and the levels of selected hematopoietic cytokines. <i>Toxicology and Applied Pharmacology</i> , 2018, 355, 174-179. | 2.8 | 21 |
| 15 | Superoxide dismutase activity as a predictor of adverse outcomes in patients with nonischemic dilated cardiomyopathy. <i>Cell Stress and Chaperones</i> , 2019, 24, 661-673. | 2.9 | 21 |
| 16 | Effect of N-acetylcysteine administration on homocysteine level, oxidative damage to proteins, and levels of iron (Fe) and Fe-related proteins in lead-exposed workers. <i>Toxicology and Industrial Health</i> , 2016, 32, 1607-1618. | 1.4 | 20 |
| 17 | The Effect of a Short-Term Exposure to Lead on the Levels of Essential Metal Ions, Selected Proteins Related to Them, and Oxidative Stress Parameters in Humans. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-9. | 4.0 | 19 |
| 18 | The Role of Oxidative Stress, Selected Metals, and Parameters of the Immune System in Male Fertility. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-8. | 4.0 | 19 |

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|----|---|-----|-----------|
| 19 | Effect of treatment with N-acetylcysteine on non-enzymatic antioxidant reserves and lipid peroxidation in workers exposed to lead. <i>Annals of Agricultural and Environmental Medicine</i> , 2014, 21, 272-277. | 1.0 | 17 |
| 20 | The evaluation of the changes in enzymatic antioxidant reserves and lipid peroxidation in chosen parts of the brain in an animal model of Parkinson disease. <i>Advances in Clinical and Experimental Medicine</i> , 2017, 26, 953-959. | 1.4 | 16 |
| 21 | Effect of Garlic Supplementation on Erythrocytes Antioxidant Parameters, Lipid Peroxidation, and Atherosclerotic Plaque Formation Process in Oxidized Oil-Fed Rabbits. <i>Biological Trace Element Research</i> , 2007, 120, 195-204. | 3.5 | 15 |
| 22 | Levels of Macro- and Trace Elements and Select Cytokines in the Semen of Infertile Men. <i>Biological Trace Element Research</i> , 2020, 197, 431-439. | 3.5 | 14 |
| 23 | Effects of Propofol on Oxidative Stress Parameters in Selected Parts of the Brain in a Rat Model of Parkinson Disease. <i>Postępy Higieny i Medycyny Doswiadczalnej</i> , 2016, 70, 1441-1450. | 0.1 | 13 |
| 24 | The effect of subacute lead exposure on selected blood inflammatory biomarkers and angiogenetic factors. <i>Journal of Occupational Health</i> , 2018, 60, 369-375. | 2.1 | 12 |
| 25 | TEGDMA and UDMA monomers released from composite dental material polymerized with diode and halogen lamps. <i>Advances in Clinical and Experimental Medicine</i> , 2018, 27, 469-476. | 1.4 | 11 |
| 26 | Influence of propofol on oxidative-antioxidative system parameters in peripheral organs of rats with Parkinson disease. <i>Postępy Higieny i Medycyny Doswiadczalnej</i> , 2015, 69, 661-667. | 0.1 | 11 |
| 27 | Exposure to lead affects male biotriols metabolism. <i>Annals of Agricultural and Environmental Medicine</i> , 2013, 20, 721-5. | 1.0 | 11 |
| 28 | Effects of Oxidized Cooking Oil and α -Lipoic Acid on Liver Antioxidants: Enzyme Activities and Lipid Peroxidation in Rats Fed a High Fat Diet. <i>Biological Trace Element Research</i> , 2010, 138, 272-281. | 3.5 | 10 |
| 29 | Effect of Whole-Body Cryotherapy on Antioxidant Systems in Experimental Rat Model. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-10. | 4.0 | 10 |
| 30 | Effects of Propofol on the Liver Oxidative-Antioxidant Balance in a Rat Model of Parkinson's Disease. <i>Advances in Clinical and Experimental Medicine</i> , 2016, 25, 815-820. | 1.4 | 10 |
| 31 | Oxidative stress and angiogenesis in primary hyperparathyroidism. <i>European Surgery - Acta Chirurgica Austriaca</i> , 2017, 49, 118-126. | 0.7 | 9 |
| 32 | Effects of Oxidized Cooking Oil and α -Lipoic Acid on Blood Antioxidants: Enzyme Activities and Lipid Peroxidation in Rats Fed a High-Fat Diet. <i>Biological Trace Element Research</i> , 2012, 145, 217-221. | 3.5 | 8 |
| 33 | The Influence of α -Lipoic Acid and Garlic Administration on Biomarkers of Oxidative Stress and Inflammation in Rabbits Exposed to Oxidized Nutrition Oils. <i>BioMed Research International</i> , 2015, 2015, 1-11. | 1.9 | 8 |
| 34 | α -Tocopherol supplementation and the oxidative stress, homocysteine, and antioxidants in lead exposure. <i>Archives of Environmental and Occupational Health</i> , 2017, 72, 153-158. | 1.4 | 8 |
| 35 | Magnesium and selected parameters of the non-enzymatic antioxidant and immune systems and oxidative stress intensity in the seminal plasma of fertile males. <i>Magnesium Research</i> , 2015, 28, 14-22. | 0.5 | 7 |
| 36 | Analysis of Circulating Vascular Endothelial Growth Factor and Its Soluble Receptors in Patients with Different Forms of Chronic Urticaria. <i>BioMed Research International</i> , 2015, 2015, 1-6. | 1.9 | 7 |

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|----|---|-----|-----------|
| 37 | The Influence of Methionine, Selenomethionine, and Vitamin E on Liver Metabolic Pathways and Steatosis in High-Cholesterol Fed Rabbits. <i>Biological Trace Element Research</i> , 2007, 120, 179-194. | 3.5 | 6 |
| 38 | Prognostic Value of the Modified Atherogenic Index of Plasma during Body Mass Reduction in Polish Obese/Overweight People. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 68. | 2.6 | 5 |
| 39 | The metabolism of carbohydrates and lipid peroxidation in lead-exposed workers. <i>Toxicology and Industrial Health</i> , 2015, 31, 1318-1324. | 1.4 | 4 |
| 40 | The Effectiveness of the Whole Body Cryotherapy Strategies: A Comparison of Different Duration and Temperature on the Antioxidative Status in the Experimental Rat Model. <i>BioMed Research International</i> , 2019, 2019, 1-10. | 1.9 | 4 |
| 41 | Antioxidant enzyme activities in rabbits under oxidative stress induced by high fat diet. <i>Journal of Veterinary Research (Poland)</i> , 2018, 62, 199-205. | 1.0 | 3 |
| 42 | The Influence of Fluoride Ions upon Selected Enzymes of Protein Metabolism in Blood Plasma of Rabbits with Hypercholesterolemia. <i>Biological Trace Element Research</i> , 2008, 124, 118-128. | 3.5 | 2 |
| 43 | Randomized placebo controlled blinded study to assess valsartan efficacy in preventing left ventricle remodeling in patients with dual chamber pacemaker – Rationale and design of the trial. <i>Contemporary Clinical Trials</i> , 2015, 42, 239-243. | 1.8 | 2 |
| 44 | Pro-Health Properties of Rapeseed and Olive Oil. <i>Postepy Higieny I Medycyny Doswiadczalnej</i> , 2018, 72, 1104-1113. | 0.1 | 2 |
| 45 | Influence of Non-Oxidised and Oxidised Rapeseed Oil Consumption on Liver Metabolism Pathways and Non-Alcoholic Steatohepatitis Development in Rabbits. <i>Bulletin of the Veterinary Institute in Pulawy = Biuletyn Instytutu Weterynarii W Pulawach</i> , 2012, 56, 255-259. | 0.4 | 1 |
| 46 | The effects of Î±-tocopherol administration in chronically lead exposed workers. <i>Environmental Toxicology and Pharmacology</i> , 2016, 43, 175-181. | 4.0 | 1 |
| 47 | Influence of Î±-lipoic acid on morphology of organs of rabbits fed a high fat diet with the addition of oxidised rapeseed oil. <i>Journal of Veterinary Research (Poland)</i> , 2017, 61, 517-525. | 1.0 | 1 |
| 48 | The association between occupational lead exposure and serum levels of selected soluble receptors. <i>Toxicology and Industrial Health</i> , 2018, 34, 555-562. | 1.4 | 0 |
| 49 | Viscosupplementation for the treatment of osteoarthritis of the knee. <i>Annales Academiae Medicae Silesiensis</i> , 2017, 71, 38-45. | 0.1 | 0 |
| 50 | Changes in Oxidative Stress Index and Lipid Peroxidation Product in the Brain of Rats with Lesion of Central Dopaminergic System after Propofol Administration*. <i>Postepy Higieny I Medycyny Doswiadczalnej</i> , 2019, 73, 337-343. | 0.1 | 0 |