# Kamil BrzÃ³ska

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/1105844/publications.pdf

Version: 2024-02-01

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|---|---|---|---|
| 45 papers | 1,186 citations | 331670 21 h-index | 377865 34 g-index |
| 46 all docs | 46 docs citations | 46 times ranked | 2237 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | The role of natural polyphenols in cell signaling and cytoprotection against cancer development. Journal of Nutritional Biochemistry, 2016, 32, 1-19. | 4.2 | 119 |
| 2 | Nitrosyl iron complexesâ€"synthesis, structure and biology. Dalton Transactions, 2011, 40, 8273. | 3.3 | 99 |
| 3 | Iron-sulfur cluster proteins: electron transfer and beyond.. Acta Biochimica Polonica, 2006, 53, 685-691. | 0.5 | 91 |
| 4 | Toxicity of Silver Nanomaterials in Higher Eukaryotes. Advances in Molecular Toxicology, 2011, 5, 179-218. | 0.4 | 82 |
| 5 | Myocardial iron homeostasis in advanced chronic heart failure patients. International Journal of Cardiology, 2012, 159, 47-52. | 1.7 | 75 |
| 6 | Proteomic approach to nanotoxicity. Journal of Proteomics, 2016, 137, 35-44. | 2.4 | 49 |
| 7 | Integration of new biological and physical retrospective dosimetry methods into EU emergency response plans â€“ joint RENEB and EURADOS inter-laboratory comparisons. International Journal of Radiation Biology, 2017, 93, 99-109. | 1.8 | 48 |
| 8 | Silver nanoparticles induced changes in the expression of NF-ÎºB related genes are cell type specific and related to the basal activity of NF-ÎºB. Toxicology in Vitro, 2014, 28, 473-478. | 2.4 | 45 |
| 9 | Comparable dose estimates of blinded whole blood samples are obtained independently of culture conditions and analytical approaches. Second RENEB gene expression study. International Journal of Radiation Biology, 2017, 93, 87-98. | 1.8 | 43 |
| 10 | Silver, Gold, and Iron Oxide Nanoparticles Alter miRNA Expression but Do Not Affect DNA Methylation in HepG2 Cells. Materials, 2019, 12, 1038. | 2.9 | 41 |
| 11 | PHYLOGENY AND SYSTEMATICS OF THE GENUSMONOMORPHINA(EUGLENACEAE) BASED ON MORPHOLOGICAL AND MOLECULAR DATA. Journal of Phycology, 2007, 43, 171-185. | 2.3 | 39 |
| 12 | Toward the development of transcriptional biodosimetry for the identification of irradiated individuals and assessment of absorbed radiation dose. Radiation and Environmental Biophysics, 2015, 54, 353-363. | 1.4 | 36 |
| 13 | A comparative analysis of in vitro toxicity of diesel exhaust particles from combustion of 1st- and 2nd-generation biodiesel fuels in relation to their physicochemical propertiesâ€"the FuelHealth project. Environmental Science and Pollution Research, 2017, 24, 19357-19374. | 5.3 | 36 |
| 14 | Signalling loops and linear pathways: NF-ÂB activation in response to genotoxic stress. Mutagenesis, 2008, 24, 1-8. | 2.6 | 35 |
| 15 | Progressive effects of silver nanoparticles on hormonal regulation of reproduction in male rats. Toxicology and Applied Pharmacology, 2016, 313, 35-46. | 2.8 | 34 |
| 16 | Adaptation of HepG2 cells to silver nanoparticles-induced stress is based on the pro-proliferative and anti-apoptotic changes in gene expression. Mutagenesis, 2015, 30, 431-439. | 2.6 | 33 |
| 17 | Iron-sulfur cluster proteins: electron transfer and beyond. Acta Biochimica Polonica, 2006, 53, 685-91. | 0.5 | 33 |
| 18 | Genotoxic potential of diesel exhaust particles from the combustion of first- and second-generation biodiesel fuelsâ€"the FuelHealth project. Environmental Science and Pollution Research, 2017, 24, 24223-24234. | 5.3 | 29 |

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|---|---|---|---|
| 19 | Basal PIR expression in HeLa cells is driven by NRF2 via evolutionary conserved antioxidant response element. Molecular and Cellular Biochemistry, 2014, 389, 99-111. | 3.1 | 25 |
| 20 | Impact of silver, gold, and iron oxide nanoparticles on cellular response to tumor necrosis factor. Toxicology and Applied Pharmacology, 2018, 356, 140-150. | 2.8 | 25 |
| 21 | Inter-laboratory comparison of gene expression biodosimetry for protracted radiation exposures as part of the RENEB and EURADOS WG10 2019 exercise. Scientific Reports, 2021, 11, 9756. | 3.3 | 25 |
| 22 | Diminished amyloid-Î² uptake by mouse microglia upon treatment with quantum dots, silver or cerium oxide nanoparticles: Nanoparticles and amyloid-Î² uptake by microglia. Human and Experimental Toxicology, 2020, 39, 147-158. | 2.2 | 17 |
| 23 | Putative proto-oncogenePirexpression is significantly up-regulated in the spleen and kidney of cytosolic superoxide dismutase-deficient mice. Redox Report, 2011, 16, 129-133. | 4.5 | 10 |
| 24 | Does myocardial iron load determine the severity of heart insufficiency?. International Journal of Cardiology, 2015, 182, 191-193. | 1.7 | 10 |
| 25 | Matrix metalloproteinase 3 polymorphisms as a potential marker of enhanced susceptibility to lung cancer in chronic obstructive pulmonary disease subjects. Annals of Agricultural and Environmental Medicine, 2014, 21, 546-551. | 1.0 | 10 |
| 26 | Cis-9,trans-11-conjugated linoleic acid affects lipid raft composition and sensitizes human colorectal adenocarcinoma HT-29 cells to X-radiation. Biochimica Et Biophysica Acta - General Subjects, 2013, 1830, 2233-2242. | 2.4 | 9 |
| 27 | Alterations in the expression of genes related to NF-ÎºB signaling in liver and kidney of CuZnSOD-deficient mice. Molecular and Cellular Biochemistry, 2011, 353, 151-157. | 3.1 | 8 |
| 28 | Accurate Noninvasive Assessment of Myocardial Iron Load in Advanced Heart Failure Patients. Disease Markers, 2020, 2020, 1-7. | 1.3 | 8 |
| 29 | Design and Evaluation of 223Ra-Labeled and Anti-PSMA Targeted NaA Nanozeolites for Prostate Cancer Therapyâ€"Part II. Toxicity, Pharmacokinetics and Biodistribution. International Journal of Molecular Sciences, 2021, 22, 5702. | 4.1 | 8 |
| 30 | Nuclear Factor kappa B activation by Ag, Au nanoparticles, CdTe quantum dots or their binary mixtures in HepG2 cells. Annals of Agricultural and Environmental Medicine, 2020, 27, 231-234. | 1.0 | 8 |
| 31 | The Impact of Ag Nanoparticles and CdTe Quantum Dots on Expression and Function of Receptors Involved in Amyloid-Î² Uptake by BV-2 Microglial Cells. Materials, 2020, 13, 3227. | 2.9 | 7 |
| 32 | Cu,Zn-superoxide dismutase deficiency in mice leads to organ-specific increase in oxidatively damaged DNA and NF-ÎºB1 protein activity.. Acta Biochimica Polonica, 2010, 57, . | 0.5 | 7 |
| 33 | Carcinogenesisâ€'related changes in iron metabolism in chronic obstructive pulmonary disease subjects with lung cancer. Oncology Letters, 2018, 16, 6831-6837. | 1.8 | 6 |
| 34 | Cu,Zn-superoxide dismutase deficiency in mice leads to organ-specific increase in oxidatively damaged DNA and NF-ÎºB1 protein activity. Acta Biochimica Polonica, 2010, 57, 577-83. | 0.5 | 5 |
| 35 | Silver Nanoparticles Inhibit Metastasis of 4T1 Tumor in Mice after Intragastric but Not Intravenous Administration. Materials, 2022, 15, 3837. | 2.9 | 5 |
| 36 | Dihydropyridines decrease X-ray-induced DNA base damage in mammalian cells. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2009, 671, 45-51. | 1.0 | 4 |

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|---|---|---|---|
| 37 | Coralyne Radiosensitizes A549 Cells by Upregulation of CDKN1A Expression to Attenuate Radiation Induced G2/M Block of the Cell Cycle. International Journal of Molecular Sciences, 2021, 22, 5791. | 4.1 | 4 |
| 38 | Epigenetic modifications and NF-ÎºB pathway activity in Cu,Zn-SOD-deficient mice. Molecular and Cellular Biochemistry, 2014, 397, 187-194. | 3.1 | 3 |
| 39 | Chlorpyrifos stimulates expression of vitamin D3 receptor in skin cells irradiated with UVB. Pesticide Biochemistry and Physiology, 2019, 154, 17-22. | 3.6 | 3 |
| 40 | Transient Vasodilation in Mouse 4T1 Tumors after Intragastric and Intravenous Administration of Gold Nanoparticles. International Journal of Molecular Sciences, 2021, 22, 2361. | 4.1 | 3 |
| 41 | Genetic determinants of cardiovascular disease in patients with obstructive sleep apnea (OSA). , 2015, , . | | 3 |
| 42 | Impact of Pirin Protein Expression Level on NF-ÎºB Signaling Pathway Activation. , 2010, , . | | 1 |
| 43 | The impact of polymorphism of selected genes on the diagnosis of type 2 diabetes in patients with obstructive sleep apnea. Polish Archives of Internal Medicine, 2018, 129, 6-11. | 0.4 | 1 |
| 44 | Natriuretic peptides and their receptors in failing heart â€“ Functional changes and implications for treatment. International Journal of Cardiology, 2018, 265, 135-140. | 1.7 | 0 |
| 45 | Nonhomologous end-joining deficiency of L5178Y-S cells is not associated with mutation in the ABCDE autophosphorylation cluster. Acta Biochimica Polonica, 2006, 53, 233-6. | 0.5 | 0 |