# Belma Koer-Gmsel

## List of Publications by Citations



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| 67 papers | 1,711 citations | 24 h-index | 40 g-index |
| 67 ext. papers | 1,951 ext. citations | 3.4 avg, IF | 4.57 L-index |

| # | Paper | IF | Citations |
|---|---|---|---|
| 67 | Cypermethrin-induced oxidative stress in rat brain and liver is prevented by vitamin E or allopurinol. *Toxicology Letters*, **2001**, 118, 139-46 | 4.4 | 220 |
| 66 | Evaluation of cytotoxicity and oxidative DNA damaging effects of di(2-ethylhexyl)-phthalate (DEHP) and mono(2-ethylhexyl)-phthalate (MEHP) on MA-10 Leydig cells and protection by selenium. *Toxicology and Applied Pharmacology*, **2010**, 248, 52-62 | 4.6 | 144 |
| 65 | Plasma phthalate levels in pubertal gynecomastia. *Pediatrics*, **2010**, 125, e122-9 | 7.4 | 101 |
| 64 | Aflatoxin levels in wheat samples consumed in some regions of Turkey. *Food Control*, **2007**, 18, 23-29 | 6.2 | 100 |
| 63 | Protective effect of lycopene against ochratoxin A induced renal oxidative stress and apoptosis in rats. *Experimental and Toxicologic Pathology*, **2013**, 65, 853-61 | | 64 |
| 62 | The effect of vitamin E supplementation on antioxidant enzyme activities and lipid peroxidation levels in hemodialysis patients. *Clinica Chimica Acta*, **2003**, 338, 91-8 | 6.2 | 52 |
| 61 | The effects of di(2-ethylhexyl)phthalate exposure and selenium nutrition on sertoli cell vimentin structure and germ-cell apoptosis in rat testis. *Archives of Environmental Contamination and Toxicology*, **2012**, 62, 539-47 | 3.2 | 48 |
| 60 | Protective effect of selenium supplementation on the genotoxicity of di(2-ethylhexyl)phthalate and mono(2-ethylhexyl)phthalate treatment in LNCaP cells. *Free Radical Biology and Medicine*, **2010**, 49, 559-66 | 7.8 | 48 |
| 59 | Induction of lipid peroxidation and alteration of glutathione redox status by endosulfan. *Biological Trace Element Research*, **1995**, 47, 321-6 | 4.5 | 47 |
| 58 | Induction of ROS, p53, p21 in DEHP- and MEHP-exposed LNCaP cells-protection by selenium compounds. *Food and Chemical Toxicology*, **2011**, 49, 1565-71 | 4.7 | 44 |
| 57 | Plasma phthalate and bisphenol a levels and oxidant-antioxidant status in autistic children. *Environmental Toxicology and Pharmacology*, **2016**, 43, 149-58 | 5.8 | 41 |
| 56 | Reproductive toxicity of di(2-ethylhexyl) phthalate in selenium-supplemented and selenium-deficient rats. *Drug and Chemical Toxicology*, **2011**, 34, 379-89 | 2.3 | 39 |
| 55 | Urinary bisphenol a levels in girls with idiopathic central precocious puberty. *JCRPE Journal of Clinical Research in Pediatric Endocrinology*, **2014**, 6, 16-21 | 1.9 | 38 |
| 54 | The effects of di(2-ethylhexyl)phthalate on rat liver in relation to selenium status. *International Journal of Experimental Pathology*, **2014**, 95, 64-77 | 2.8 | 37 |
| 53 | Effects of di(2-ethylhexyl)phthalate on testicular oxidant/antioxidant status in selenium-deficient and selenium-supplemented rats. *Environmental Toxicology*, **2014**, 29, 98-107 | 4.2 | 35 |
| 52 | Protective effects of melatonin on the ionizing radiation induced DNA damage in the rat brain. *Experimental and Toxicologic Pathology*, **2004**, 55, 379-84 | | 35 |
| 51 | Genotoxicity of phthalates. *Toxicology Mechanisms and Methods*, **2014**, 24, 616-26 | 3.6 | 33 |

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| 50 | The evaluation of possible role of endocrine disruptors in central and peripheral precocious puberty. *Toxicology Mechanisms and Methods*, **2016**, 26, 493-500 | 3.6 | 33 |
| 49 | The carotenoid lycopene protects rats against DNA damage induced by Ochratoxin A. *Toxicon*, **2013**, 73, 96-103 | 2.8 | 31 |
| 48 | Di(2-ethylhexyl)phthalate-induced renal oxidative stress in rats and protective effect of selenium. *Toxicology Mechanisms and Methods*, **2012**, 22, 415-23 | 3.6 | 31 |
| 47 | Trace elements status in multinodular goiter. *Journal of Trace Elements in Medicine and Biology*, **2010**, 24, 106-10 | 4.1 | 31 |
| 46 | Determination of seasonal variations in serum ochratoxin A levels in healthy population living in some regions of Turkey by enzyme-linked immunosorbent assay. *Toxicon*, **2010**, 55, 507-13 | 2.8 | 27 |
| 45 | Hepatocellular Carcinoma and Possible Chemical and Biological Causes: A Review. *Journal of Environmental Pathology, Toxicology and Oncology*, **2017**, 36, 171-190 | 2.1 | 25 |
| 44 | Epithelial-Mesenchymal Transition: A Special Focus on Phthalates and Bisphenol A. *Journal of Environmental Pathology, Toxicology and Oncology*, **2016**, 35, 43-58 | 2.1 | 24 |
| 43 | Prenatal bisphenol a and phthalate exposure are risk factors for male reproductive system development and cord blood sex hormone levels. *Reproductive Toxicology*, **2019**, 87, 146-155 | 3.4 | 23 |
| 42 | Thyroidal effects of di-(2-ethylhexyl) phthalate in rats of different selenium status. *Journal of Environmental Pathology, Toxicology and Oncology*, **2012**, 31, 143-53 | 2.1 | 23 |
| 41 | Fenvalerate exposure alters thyroid hormone status in selenium- and/or iodine-deficient rats. *Biological Trace Element Research*, **2010**, 135, 233-41 | 4.5 | 21 |
| 40 | Bisphenol A and phthalate levels in adolescents with polycystic ovary syndrome. *Gynecological Endocrinology*, **2019**, 35, 1084-1087 | 2.4 | 20 |
| 39 | Determination of ochratoxin A and total aflatoxin levels in corn samples from Turkey by enzyme-linked immunosorbent assay. *Mycotoxin Research*, **2009**, 25, 113-6 | 4 | 20 |
| 38 | Oxidative DNA base damage, antioxidant enzyme activities and selenium status in highly iodine-deficient goitrous children. *Free Radical Research*, **2002**, 36, 55-62 | 4 | 20 |
| 37 | Histopathologic, apoptotic and autophagic, effects of prenatal bisphenol A and/or di(2-ethylhexyl) phthalate exposure on prepubertal rat testis. *Environmental Science and Pollution Research*, **2020**, 27, 20104-20116 | 5.1 | 19 |
| 36 | Status of selenium and antioxidant enzymes of goitrous children is lower than healthy controls and nongoitrous children with high iodine deficiency. *Biological Trace Element Research*, **2001**, 82, 35-52 | 4.5 | 17 |
| 35 | Oxidant and antioxidant status in neonatal proven and clinical sepsis according to selenium status. *Pediatrics International*, **2015**, 57, 1131-7 | 1.2 | 16 |
| 34 | Urinary bisphenol-A levels in children with type 1 diabetes mellitus. *Journal of Pediatric Endocrinology and Metabolism*, **2018**, 31, 829-836 | 1.6 | 15 |
| 33 | Oxidative stress markers, trace elements, and endocrine disrupting chemicals in children with Hashimoto's thyroiditis. *Toxicology Mechanisms and Methods*, **2019**, 29, 633-643 | 3.6 | 15 |

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| 32 | The effects of di(2-ethylhexyl) phthalate and/or selenium on trace element levels in different organs of rats. *Journal of Trace Elements in Medicine and Biology*, **2015**, 29, 296-302 | 4.1 | 13 |
| 31 | Cytoplasmic and nuclear toxicity of 3,5-dimethylaminophenol and potential protection by selenocompounds. *Food and Chemical Toxicology*, **2014**, 72, 98-110 | 4.7 | 13 |
| 30 | Oxidant/Antioxidant status in relation to thyroid hormone metabolism in selenium- and/or iodine-deficient rats. *Journal of Trace Elements in Experimental Medicine*, **2004**, 17, 109-121 | | 13 |
| 29 | Iodine and/or selenium deficiency alters tissue distribution pattern of other trace elements in rats. *Biological Trace Element Research*, **2003**, 95, 247-58 | 4.5 | 13 |
| 28 | The effects of different bisphenol derivatives on oxidative stress, DNA damage and DNA repair in RWPE-1 cells: A comparative study. *Journal of Applied Toxicology*, **2020**, 40, 643-654 | 4.1 | 13 |
| 27 | Evaluation of skin irritation potentials of different cosmetic products in Turkish market by reconstructed human epidermis model. *Regulatory Toxicology and Pharmacology*, **2018**, 98, 268-273 | 3.4 | 11 |
| 26 | The effects of season and gender on the serum aflatoxins and ochratoxin A levels of healthy adult subjects from the Central Anatolia Region, Turkey. *European Journal of Nutrition*, **2015**, 54, 629-38 | 5.2 | 10 |
| 25 | Urinary phthalate metabolite concentrations in girls with premature thelarche. *Environmental Toxicology and Pharmacology*, **2018**, 59, 172-181 | 5.8 | 10 |
| 24 | Urinary bisphenol A levels in Turkish girls with premature thelarche. *Human and Experimental Toxicology*, **2018**, 37, 1007-1016 | 3.4 | 9 |
| 23 | Selenium and/or iodine deficiency alters hepatic xenobiotic metabolizing enzyme activities in rats. *Journal of Trace Elements in Medicine and Biology*, **2012**, 26, 36-41 | 4.1 | 8 |
| 22 | Impaired antioxidant enzyme functions with increased lipid peroxidation in epithelial ovarian cancer. *IUBMB Life*, **2017**, 69, 802-813 | 4.7 | 7 |
| 21 | Effects of prenatal and lactational bisphenol a and/or di(2-ethylhexyl) phthalate exposure on male reproductive system. *International Journal of Environmental Health Research*, **2020**, 1-14 | 3.6 | 6 |
| 20 | The Effects of Polymer Coating of Gold Nanoparticles on Oxidative Stress and DNA Damage. *International Journal of Toxicology*, **2020**, 39, 328-340 | 2.4 | 5 |
| 19 | Serum aflatoxin levels of the healthy adult population living in the north and south regions of Turkey. *Public Health Nutrition*, **2014**, 17, 2496-504 | 3.3 | 5 |
| 18 | Fenvalerate induced hepatic oxidative stress in selenium- and/or iodine-deficient rats. *Human and Experimental Toxicology*, **2011**, 30, 1575-83 | 3.4 | 5 |
| 17 | Oxidative Stress Parameters, Selenium Levels, DNA Damage, and Phthalate Levels in Plastic Workers. *Journal of Environmental Pathology, Toxicology and Oncology*, **2019**, 38, 253-270 | 2.1 | 5 |
| 16 | Impact of selenium status on Aroclor 1254-induced DNA damage in sperm and different tissues of rats. *Toxicology Mechanisms and Methods*, **2018**, 28, 252-261 | 3.6 | 4 |
| 15 | The effect of recombinant human erythropoietin on serum selenium levels in hemodialysis patients. *Journal of Trace Elements in Medicine and Biology*, **2001**, 15, 215-20 | 4.1 | 4 |

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| 14 | Antioxidants and selenocompounds inhibit 3,5-dimethylaminophenol toxicity to human urothelial cells. *Arhiv Za Higijenu Rada I Toksikologiju*, **2019**, 70, 18-29 | 1.7 | 4 |
| 13 | A new approach to an old hypothesis; phototherapy does not affect ductal patency via PGE2 and PGI2. *Journal of Maternal-Fetal and Neonatal Medicine*, **2015**, 28, 16-22 | 2 | 3 |
| 12 | Lead and Mercury Levels in Preterm Infants Before and After Blood Transfusions. *Biological Trace Element Research*, **2019**, 188, 344-352 | 4.5 | 3 |
| 11 | Assessment of oxidant-antioxidant status alterations with tumor biomarkers and reproductive system hormones in uterine MYOMAS. *European Journal of Obstetrics, Gynecology and Reproductive Biology*, **2018**, 229, 1-7 | 2.4 | 2 |
| 10 | Lycopene restores trace element levels in ochratoxin A-treated rats. *Arhiv Za Higijenu Rada I Toksikologiju*, **2017**, 68, 135-141 | 1.7 | 2 |
| 9 | Renal changes and apoptosis caused by subacute exposure to Aroclor 1254 in selenium-deficient and selenium-supplemented rats. *Arhiv Za Higijenu Rada I Toksikologiju*, **2020**, 71, 110-120 | 1.7 | 2 |
| 8 | Neuroendocrine disruption by bisphenol A and/or di(2-ethylhexyl) phthalate after prenatal, early postnatal and lactational exposure. *Environmental Science and Pollution Research*, **2021**, 28, 26961-26974 | 5.1 | 2 |
| 7 | Copper, zinc and iron levels in premature infants following red blood cell transfusion. *Journal of Trace Elements in Medicine and Biology*, **2016**, 38, 126-130 | 4.1 | 1 |
| 6 | DNA Double-Strand Breaks Caused by Different Microorganisms: A Special Focus on Helicobacter pylori. *Journal of Environmental Pathology, Toxicology and Oncology*, **2017**, 36, 131-150 | 2.1 | 1 |
| 5 | Low zinc levels may contribute to gynecomastia in puberty. *Journal of Trace Elements in Medicine and Biology*, **2017**, 44, 274-278 | 4.1 | 0 |
| 4 | Comparative evaluation of the effects of bisphenol derivatives on oxidative stress parameters in HepG2 cells.. *Drug and Chemical Toxicology*, **2022**, 1-9 | 2.3 | 0 |
| 3 | The Effects of Prenatal and Lactational Bisphenol A and/or Di(2-Ethylhexyl) Phthalate Exposure on Female Reproductive System.. *Toxicology Mechanisms and Methods*, **2022**, 1-15 | 3.6 | 0 |
| 2 | The ameliorating effects of vitamin E on hepatic antioxidant system and xenobiotic-metabolizing enzymes in fenvalerate-exposed iodine-deficient rats. *Drug and Chemical Toxicology*, **2016**, 39, 264-71 | 2.3 | |
| 1 | The effects of amniotic fluid and foetal cord blood cotinine concentrations on pregnancy complications and the anthropometric measurements of newborns. *Journal of Obstetrics and Gynaecology*, **2019**, 39, 952-958 | 1.3 | |