

Cemal Akay

List of Publications by Year in descending order

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Version: 2024-02-01

60
papers

1,232
citations

331670

21
h-index

395702

33
g-index

64
all docs

64
docs citations

64
times ranked

1853
citing authors

#	ARTICLE	IF	CITATIONS
1	Investigation of antioxidant enzymes in children with autistic disorder. Prostaglandins Leukotrienes and Essential Fatty Acids, 2002, 67, 341-343.	2.2	180
2	Antioxidant enzymes and lipid peroxidation in the scalp of patients with alopecia areata. Journal of Dermatological Science, 2002, 29, 85-90.	1.9	91
3	Effects of antihypertensive agents, alpha receptor blockers, beta blockers, angiotensin-converting enzyme inhibitors, angiotensin receptor blockers and calcium channel blockers, on oxidative stress. Journal of Hypertension, 2003, 21, 1207-1211.	0.5	54
4	The effect of taurine treatment on oxidative stress in experimental liver fibrosis. Hepatology Research, 2004, 28, 207-215.	3.4	54
5	Simultaneous determination of metronidazole and miconazole in pharmaceutical dosage forms by RP-HPLC. Il Farmaco, 2002, 57, 953-957.	0.9	45
6	The Effect of Antibiotic and Probiotic Combination Therapy on Secondary Pancreatic Infections and Oxidative Stress Parameters in Experimental Acute Necrotizing Pancreatitis. Pancreas, 2003, 26, 363-367.	1.1	45
7	The effects of Azone and capsaicin on the permeation of naproxen through human skin. International Journal of Pharmaceutics, 1999, 179, 21-25.	5.2	43
8	In vivo evaluation of the effects of hydraulic calcium silicate dental cements on plasma and liver aluminium levels in rats. European Journal of Oral Sciences, 2016, 124, 75-81.	1.5	38
9	Cytogenetic analysis of peripheral blood lymphocytes of hospital staff occupationally exposed to low doses of ionizing radiation. Toxicology and Industrial Health, 2010, 26, 273-280.	1.4	36
10	Induced antioxidant activity in hospital staff occupationally exposed to ionizing radiation. International Journal of Radiation Biology, 2012, 88, 648-653.	1.8	34
11	Simultaneous LC determination of trimethoprim and sulphamethoxazole in pharmaceutical formulations. Journal of Pharmaceutical and Biomedical Analysis, 2002, 30, 1207-1213.	2.8	30
12	Pegylated interferon-alpha plus taurine in treatment of rat liver fibrosis. World Journal of Gastroenterology, 2007, 13, 3237.	3.3	30
13	Determination of theophylline and ephedrine HCL in tablets by ratio-spectra derivative spectrophotometry and LC. Journal of Pharmaceutical and Biomedical Analysis, 2002, 29, 291-298.	2.8	29
14	Initial experience with silver-impregnated polyurethane ventricular catheter for shunting of cerebrospinal fluid in patients with infected hydrocephalus. Neurological Research, 2009, 31, 234-237.	1.3	29
15	Trace elements and antioxidant enzymes in Behçet's disease. Rheumatology International, 2002, 22, 93-96.	3.0	28
16	Antioxidant System Activation in Prostate Cancer. Biological Trace Element Research, 2004, 98, 13-20.	3.5	28
17	Zinc status in autistic children. Journal of Trace Elements in Experimental Medicine, 2004, 17, 101-107.	0.8	26
18	Allopurinol in Rat Chronic Pancreatitis. Pancreas, 2007, 35, 366-371.	1.1	26

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19	Oxidative stress in obese children and its relation with insulin resistance. <i>Journal of Pediatric Endocrinology and Metabolism</i> , 2012, 25, 261-6.	0.9	26
20	Oxidative Stress in Patients Undergoing High-Dose Chemotherapy Plus Peripheral Blood Stem Cell Transplantation. <i>Biological Trace Element Research</i> , 2004, 97, 237-248.	3.5	25
21	Antioxidant Treatment with Taurine Ameliorates Chronic Pancreatitis in an Experimental Rat Model. <i>Pancreas</i> , 2006, 33, 77-81.	1.1	21
22	Association of <i>GPX1</i> polymorphism, GPX activity and prostate cancer risk. <i>Human and Experimental Toxicology</i> , 2012, 31, 24-31.	2.2	21
23	Influence of fetuin and hyaluronan on the post-thaw quality and fertilizing ability of Holstein bull semen. <i>Cryobiology</i> , 2015, 71, 119-124.	0.7	21
24	SIMULTANEOUS DETERMINATION OF ACETAMINOPHEN, ACETYLSALICYLIC ACID AND ASCORBIC ACID IN TABLET FORM USING HPLC. <i>Drug Metabolism and Drug Interactions</i> , 1999, 15, 197-205.	0.3	20
25	pH-Metric logK calculations of famotidine, naproxen, nizatidine, ranitidine and salicylic acid. <i>Il Farmaco</i> , 2001, 56, 659-663.	0.9	20
26	Oxidative and Antioxidative Effects of Desflurane and Sevoflurane on Rat Tissue in Vivo. <i>Arhiv Za Higijenu Rada I Toksikologiju</i> , 2011, 62, 113-119.	0.7	16
27	The Effect of Combination Therapy of Hyperbaric Oxygen, Meropenem, and Selective Nitric Oxide Synthase Inhibitor in Experimental Acute Pancreatitis. <i>Pancreas</i> , 2004, 28, 53-57.	1.1	14
28	Oxidative stress enzyme status and frequency of micronuclei in heroin addicts in Turkey. <i>Toxicology Mechanisms and Methods</i> , 2013, 23, 684-688.	2.7	14
29	Screening for Hemochromatosis in Turkey. <i>Digestive Diseases and Sciences</i> , 2004, 49, 444-449.	2.3	13
30	The protective effects of taurine on experimental acute pancreatitis in a rat model. <i>Human and Experimental Toxicology</i> , 2013, 32, 522-529.	2.2	13
31	Effects of Smoking during Pregnancy on DNA Damage and ROS Level Consequences in Maternal and Newborns' Blood. <i>Arhiv Za Higijenu Rada I Toksikologiju</i> , 2013, 64, 35-46.	0.7	13
32	Heavy metal levels in patients with ineffective erythropoiesis. <i>Transfusion and Apheresis Science</i> , 2017, 56, 539-543.	1.0	13
33	RAPID AND ACCURATE SIMULTANEOUS DETERMINATION OF FOSINOPRIL SODIUM AND HYDROCHLOROTHIAZIDE IN TABLETS BY HPLC. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2001, 24, 983-991.	1.0	12
34	Simultaneous determination of guaiphenesin and codeine phosphate in tablets by high-performance liquid chromatography. <i>Il Farmaco</i> , 1999, 54, 705-709.	0.9	10
35	Charcoal haemoperfusion in a child with amitriptyline poisoning. <i>Nephrology Dialysis Transplantation</i> , 2004, 19, 3190-3191.	0.7	10
36	Serum Aluminium Levels in Glue Sniffer Adolescent and in Glue Containers. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2008, 102, 433-436.	2.5	10

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37	Evaluation of genotoxic and oxidative effects in workers exposed to jet propulsion fuel. <i>International Archives of Occupational and Environmental Health</i> , 2012, 85, 353-361.	2.3	10
38	Association between Gene Polymorphism of Manganese Superoxide Dismutase and Prostate Cancer Risk. <i>Journal of Biochemical and Molecular Toxicology</i> , 2013, 27, 213-218.	3.0	10
39	The Role of Inducible Nitric Oxide Synthase Inhibitor, Meropenem, and Taurine in Experimental Acute Necrotizing Pancreatitis. <i>Pancreas</i> , 2003, 26, 357-362.	1.1	9
40	Simultaneous determination of codeine and ethyl morphine HCL in tablet formulations using LC. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2001, 26, 15-21.	2.8	8
41	Selenium and Zinc Levels in Volatile Substance Abusers. <i>Biological Trace Element Research</i> , 2002, 88, 119-124.	3.5	7
42	Correlation between erythrocyte antioxidant activity, lipid peroxidation, and disease activity in patients with Behçet's disease. <i>Journal of the European Academy of Dermatology and Venereology</i> , 2003, 17, 482-483.	2.4	7
43	Proanthocyanidin to prevent formation of the reexpansion pulmonary edema. <i>Journal of Cardiothoracic Surgery</i> , 2009, 4, 40.	1.1	7
44	Investigation of the oxidative stress condition for occupational exposure to methyl methacrylate. <i>Toxicology and Industrial Health</i> , 2017, 33, 61-66.	1.4	7
45	Antioxidant Capacity and Metal Content of <i>Physalis Peruviana L.</i> Fruit Sold in Markets. <i>Journal of Clinical and Analytical Medicine</i> , 2016, 7, .	0.1	6
46	Blood Lead Levels in Glue Sniffers. <i>Biological Trace Element Research</i> , 2004, 98, 45-50.	3.5	4
47	Investigating the in vitro effect of taurine on the infant lymphocytes by sister chromatid exchange. <i>Pediatrics International</i> , 2006, 48, 284-286.	0.5	4
48	Effects of Intermittent and Continuous Magnetic Fields on Trace Element Levels in Guinea Pigs. <i>Biological Trace Element Research</i> , 2018, 181, 265-271.	3.5	4
49	Evaluation of trace element levels in patients with prostate cancer, benign prostatic hyperplasia and chronic prostatitis. <i>Gulhane Medical Journal</i> , 2016, 58, 27.	0.2	3
50	Has the oxidative stress a role in late phase of experimental acute necrotizing pancreatitis?. <i>Hepato-Gastroenterology</i> , 2002, 49, 1692-5.	0.5	3
51	Oxidative effects of aluminum on testes and erythrocytes in rats. <i>Trace Elements and Electrolytes</i> , 2016, 33, 155-161.	0.1	2
52	Could rice be used as an anticaking agent in table salt?. <i>International Journal of Food Sciences and Nutrition</i> , 2009, 60, 95-99.	2.8	1
53	Occupational exposure of dental technicians to methyl methacrylate: Genotoxicity assessment. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2020, 852, 503159.	1.7	1
54	Oxidative stress and antioxidant defense in patients with chronic hepatitis C patients before and after peginterferon α -2b plus ribavirin therapy. <i>Toxicology Letters</i> , 2006, 164, S76-S77.	0.8	0

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55	Cytogenetic analysis of peripheral blood lymphocytes of radiology staff exposed to low doses of ionizing radiation. Toxicology Letters, 2007, 172, S112.	0.8	0
56	SCE and MN frequencies in aircraft maintenance personnel exposed to jet propulsion fuel. Toxicology Letters, 2007, 172, S123.	0.8	0
57	The effects of addictive drugs on micronucleus frequency in humans. Toxicology Letters, 2009, 189, S153.	0.8	0
58	Intravenous Iron Treatment in Patients with Chronic Renal Disease, Oxidative Stress and the Effect of N-acetylcysteine. Turkish Nephrology, Dialysis and Transplantation Journal, 2011, 20, 65-71.	0.0	0
59	The Effects of Sirolimus on Pancreatic Fibrosis and Apoptosis in Experimental Chronic Pancreatitis Model. American Journal of Gastroenterology, 2013, 108, S59.	0.4	0
60	Serum Heavy Metal Levels in Patients with Ineffective Erythropoiesis and the Effect of Chelation on Heavy Metal Levels. Blood, 2015, 126, 4566-4566.	1.4	0