

Ä°lker Durak

List of Publications by Year in descending order

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78
papers

2,706
citations

186209

28
h-index

189801

50
g-index

78
all docs

78
docs citations

78
times ranked

3764
citing authors

#	ARTICLE	IF	CITATIONS
1	A methodological approach to superoxide dismutase (SOD) activity assay based on inhibition of nitroblue tetrazolium (NBT) reduction. <i>Clinica Chimica Acta</i> , 1993, 214, 103-104.	0.5	303
2	Role of Oxidative Stress in Intrauterine Growth Restriction. <i>Gynecologic and Obstetric Investigation</i> , 2007, 64, 187-192.	0.7	250
3	Activities of total, cytoplasmic, and mitochondrial superoxide dismutase enzymes in sera and pleural fluids from patients with lung cancer. <i>Journal of Clinical Laboratory Analysis</i> , 1996, 10, 17-20.	0.9	137
4	Peroxidation in muscle and liver tissues from fish in a contaminated river due to a petroleum refinery industry. <i>Ecotoxicology and Environmental Safety</i> , 2005, 60, 101-105.	2.9	128
5	Effects of garlic extract consumption on blood lipid and oxidant/antioxidant parameters in humans with high blood cholesterol. <i>Journal of Nutritional Biochemistry</i> , 2004, 15, 373-377.	1.9	125
6	Cisplatin impairs antioxidant system and causes oxidation in rat kidney tissues: possible protective roles of natural antioxidant foods. <i>Journal of Applied Toxicology</i> , 2006, 26, 42-46.	1.4	101
7	Effects of Mobile Phones on Oxidant/Antioxidant Balance in Cornea and Lens of Rats. <i>Current Eye Research</i> , 2007, 32, 21-25.	0.7	83
8	Protective role of natural antioxidant supplementation on testicular tissue after testicular torsion and detorsion. <i>Scandinavian Journal of Urology and Nephrology</i> , 2006, 40, 17-22.	1.4	63
9	Adenosine deaminase, 5â€²-nucleotidase, xanthine oxidase, superoxide dismutase, and catalase activities in cancerous and noncancerous human bladder tissues. <i>Free Radical Biology and Medicine</i> , 1994, 16, 825-831.	1.3	61
10	CISPLATIN INDUCES ACUTE RENAL FAILURE BY IMPAIRING ANTIOXIDANT SYSTEM IN GUINEA PIGS: EFFECTS OF ANTIOXIDANT SUPPLEMENTATION ON THE CISPLATIN NEPHROTOXICITY. <i>Drug and Chemical Toxicology</i> , 2002, 25, 1-8.	1.2	61
11	Adenosine deaminase, 5â€² nucleotidase, xanthine oxidase, superoxide dismutase, and catalase activities in cancerous and noncancerous human laryngeal tissues. <i>Free Radical Biology and Medicine</i> , 1993, 15, 681-684.	1.3	60
12	Activities of adenosine deaminase, 5â€²-nucleotidase, guanase, and cytidine deaminase enzymes in cancerous and non-cancerous human breast tissues. <i>Breast Cancer Research and Treatment</i> , 1996, 37, 189-193.	1.1	58
13	Aqueous extract of <i>urtica dioica</i> makes significant inhibition on adenosine deaminase activity in prostate tissue from patients with prostate cancer. <i>Cancer Biology and Therapy</i> , 2004, 3, 855-857.	1.5	56
14	Influence of Experimental Spermatic Cord Torsion on the Contralateral Testis in Rats. <i>Urologia Internationalis</i> , 1997, 58, 208-212.	0.6	51
15	Methotrexate Causes Oxidative Stress in Rat Kidney Tissues. <i>Renal Failure</i> , 2005, 27, 771-773.	0.8	51
16	Effects of Garlic Consumption on Plasma and Erythrocyte Antioxidant Parameters in Elderly Subjects. <i>Gerontology</i> , 2008, 54, 173-176.	1.4	47
17	Activities of DNA Turnover and Free Radical Metabolizing Enzymes in Cancerous Human Prostate Tissue. <i>Cancer Investigation</i> , 1999, 17, 314-319.	0.6	45
18	Serum glutathione peroxidase, xanthine oxidase, and superoxide dismutase activities and malondialdehyde levels in patients with Parkinsonâ€™s disease. <i>Neurological Sciences</i> , 2017, 38, 425-431.	0.9	43

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19	Decreased antioxidant status in migraine patients with brain white matter hyperintensities. <i>Neurological Sciences</i> , 2014, 35, 1925-1929.	0.9	42
20	Effects of garlic extract consumption on plasma and erythrocyte antioxidant parameters in atherosclerotic patients. <i>Life Sciences</i> , 2004, 75, 1959-1966.	2.0	40
21	Evaluation of Ischemia after ESWL: Detection of Free Oxygen Radical Scavenger Enzymes in Renal Parenchyma Subjected to High-Energy Shock Waves. <i>Urologia Internationalis</i> , 1996, 57, 221-223.	0.6	37
22	Cyclosporine reduces hepatic antioxidant capacity: protective roles of antioxidants. <i>International Immunopharmacology</i> , 2004, 4, 469-473.	1.7	37
23	Effect of spa therapy with saline balneotherapy on oxidant/antioxidant status in patients with rheumatoid arthritis: a single-blind randomized controlled trial. <i>International Journal of Biometeorology</i> , 2017, 61, 169-180.	1.3	37
24	Propofol attenuates reperfusion injury after testicular torsion and detorsion. <i>World Journal of Urology</i> , 2004, 22, 461-465.	1.2	36
25	Adenosine deaminase, 5â€²-nucleotidase, guanase and cytidine deaminase activities in gastric tissues from patients with gastric cancer. <i>Cancer Letters</i> , 1994, 84, 199-202.	3.2	34
26	The ultrastructural research of liver in experimental obstructive jaundice and effect of honey. <i>American Journal of Surgery</i> , 2008, 195, 249-256.	0.9	33
27	Effects of Electromagnetic Radiation Use on Oxidant/Antioxidant Status and DNA Turn-over Enzyme Activities in Erythrocytes and Heart, Kidney, Liver, and Ovary Tissues From Rats: Possible Protective Role of Vitamin C. <i>Toxicology Mechanisms and Methods</i> , 2008, 18, 679-683.	1.3	33
28	Effects of cigarette smoking with different tar content on erythrocyte oxidant/antioxidant status. <i>Addiction Biology</i> , 2002, 7, 255-258.	1.4	30
29	Cardioprotective roles of aged garlic extract, grape seed proanthocyanidin, and hazelnut on doxorubicin-induced cardiotoxicity. <i>Canadian Journal of Physiology and Pharmacology</i> , 2009, 87, 633-640.	0.7	30
30	Oxidative and nitrosative stress in serum of patients with Parkinsonâ€™s disease. <i>Neurological Sciences</i> , 2016, 37, 1793-1798.	0.9	28
31	Antioxidativeâ€“oxidative balance in epilepsy patients on antiepileptic therapy: a prospective caseâ€“control study. <i>Neurological Sciences</i> , 2016, 37, 763-767.	0.9	27
32	Comparison of Antioxidant Potentials of Red Wine, White Wine, Grape Juice and Alcohol. <i>Current Medical Research and Opinion</i> , 1999, 15, 316-320.	0.9	26
33	Superoxide dismutase activity in the lens capsule of patients with pseudoexfoliation syndrome and cataract. <i>Journal of Cataract and Refractive Surgery</i> , 2006, 32, 618-622.	0.7	25
34	Isoflurane impairs antioxidant defence system in guinea pig kidney. <i>Canadian Journal of Anaesthesia</i> , 1999, 46, 797-802.	0.7	24
35	The effects of cyclosporine on antioxidant enzyme activities and malondialdehyde levels in rabbit hepatic tissues. <i>Transplant Immunology</i> , 2002, 10, 255-258.	0.6	22
36	Effects of cyclosporine on oxidant/antioxidant status in rat ovary tissues: Protective role of black grape extract. <i>International Immunopharmacology</i> , 2005, 5, 1311-1315.	1.7	22

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37	Ionic High-Osmolar Contrast Medium Causes Oxidant Stress in Kidney Tissue: Partial Protective Role of Ascorbic Acid. <i>Renal Failure</i> , 2008, 30, 567-572.	0.8	21
38	Oxidative stress and antioxidant parameters in a Turkish group of patients with active and inactive systemic lupus erythematosus. <i>APLAR Journal of Rheumatology</i> , 2007, 10, 101-106.	0.2	20
39	High-cholesterol diet increases xanthine oxidase and decreases nitric oxide synthase activities in erythrocytes from rats. <i>Nutrition Research</i> , 2008, 28, 212-215.	1.3	20
40	Effects of mobile phone use on brain tissue from the rat and a possible protective role of vitamin C â€œ a preliminary study. <i>International Journal of Radiation Biology</i> , 2010, 86, 1044-1049.	1.0	20
41	Effects of black grape extract on activities of dna turn-over enzymes in cancerous and non cancerous human colon tissues. <i>Life Sciences</i> , 2005, 76, 2995-3000.	2.0	19
42	Blood oxidant/antioxidant status of atherosclerotic patients. <i>International Journal of Cardiology</i> , 2001, 77, 293-297.	0.8	18
43	Iron, Copper, Cadmium, Zinc and Magnesium Contents of Urinary Tract Stones and Hair from Men with Stone Disease. <i>European Urology</i> , 1990, 17, 243-247.	0.9	17
44	The Effects of Gentamicin on the Activities of Glutathione Peroxidase and Superoxide Dismutase Enzymes and Malondialdehyde Levels in Heart Tissues of Guinea Pigs. <i>Current Medical Research and Opinion</i> , 1997, 14, 47-52.	0.9	16
45	Honey prevents hepatic damage induced by obstruction of the common bile duct. <i>World Journal of Gastroenterology</i> , 2008, 14, 3729.	1.4	16
46	Superoxide Dismutase Activity in Synovial Fluids in Patients With Temporomandibular Joint Internal Derangement. <i>Journal of Oral and Maxillofacial Surgery</i> , 2007, 65, 1940-1943.	0.5	15
47	Smoking, Hair Cadmium and Urinary Tract Stones. <i>European Urology</i> , 1990, 17, 267-268.	0.9	14
48	Activities of free radical and DNA turn-over enzymes in cancerous and non-cancerous human brain tissues. <i>Redox Report</i> , 1995, 1, 255-259.	1.4	14
49	Oxidative Stress in Patients with Chronic Renal Failure: Effects of Hemodialysis. <i>Medical Principles and Practice</i> , 2004, 13, 84-87.	1.1	14
50	Short-Term Effects of Smoking Cessation on Blood Antioxidant Parameters and Paraoxonase Activity in Healthy Asymptomatic Long-Term Cigarette Smokers. <i>Inhalation Toxicology</i> , 2006, 18, 575-579.	0.8	14
51	Effects of computer monitor-emitted radiation on oxidant/antioxidant balance in cornea and lens from rats. <i>Molecular Vision</i> , 2009, 15, 2521-5.	1.1	13
52	Black grape enhances plasma antioxidant potential. <i>Nutrition Research</i> , 1999, 19, 973-977.	1.3	12
53	Hepatic oxidant/antioxidant status in cholesterolâ€fed rabbits: Effects of garlic extract. <i>Hepatology Research</i> , 2009, 39, 70-77.	1.8	12
54	Adenosine deaminase, 5â€2-nucleotidase, xanthine oxidase, superoxide dismutase, and catalase activities in gastric juices from patients with gastric cancer, ulcer, and atrophic gastritis. <i>Digestive Diseases and Sciences</i> , 1994, 39, 721-728.	1.1	11

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55	Association of oxidative stress with clinical characteristics in patients with rheumatoid arthritis. <i>European Journal of Clinical Investigation</i> , 2018, 48, e12858.	1.7	11
56	Different effects of heating and freezing treatments on the antioxidant properties of broccoli, cauliflower, garlic and onion. An experimental in vitro study. <i>Sao Paulo Medical Journal</i> , 2019, 137, 407-413.	0.4	11
57	Oxidant/Antioxidant Status of Erythrocytes from Patients with Chronic Renal Failure: Effects of Hemodialysis. <i>Medical Principles and Practice</i> , 2001, 10, 187-190.	1.1	10
58	Effects of garlic and black grape extracts on the activity of adenosine deaminase from cancerous and noncancerous human urinary bladder tissues. <i>Medicinal Chemistry Research</i> , 2007, 16, 259-265.	1.1	10
59	Efficiency of Extracorporeal Shockwave Lithotripsy on Calcium-Oxalate Stones: Role of Copper, Iron, Magnesium and Zinc Concentrations on Disintegration of the Stones. <i>European Urology</i> , 1993, 23, 409-412.	0.9	9
60	Malondialdehyde and Nitric Oxide Levels in Erythrocytes from Patients with Systemic Sclerosis. <i>Medical Principles and Practice</i> , 2008, 17, 349-350.	1.1	9
61	Mode of onset of polymorphic ventricular tachycardia in acute myocardial infarction. <i>Canadian Journal of Cardiology</i> , 2010, 26, e254-e257.	0.8	9
62	Effects of aqueous green tea extract on activities of DNA turn-over enzymes in cancerous and non-cancerous human gastric and colon tissues. <i>Alternative Therapies in Health and Medicine</i> , 2008, 14, 30-3.	0.0	9
63	Serum oxidant and antioxidant status of patients with chronic tension-type headache: possible effects of medical treatment. <i>Neurological Sciences</i> , 2015, 36, 1771-1775.	0.9	8
64	The Role of Oxidative Mechanisms in the Etiopathogenesis of Pterygium: A Preliminary Study. <i>Ophthalmologica</i> , 2009, 223, 41-46.	1.0	7
65	Magnesium contents of leukemic lymphocytes. <i>BioMetals</i> , 1994, 7, 313-5.	1.8	6
66	Effects of garlic extract supplementation on blood lipid and antioxidant parameters and atherosclerotic plaque formation process in cholesterol-fed rabbits. <i>Journal of Herbal Pharmacotherapy: Innovations in Clinical and Applied Evidence-based Herbal Medicinals</i> , 2002, 2, 19-32.	0.1	6
67	The effects of smoking on antioxidant defence system and membrane free fatty acid content of erythrocytes and plasma lipid parameters: Protective role of antioxidant vitamins. <i>Nutrition Research</i> , 1997, 17, 931-940.	1.3	5
68	Tomato juice inhibits adenosine deaminase activity in human prostate tissue from patient with prostate cancer. <i>Nutrition Research</i> , 2003, 23, 1183-1188.	1.3	5
69	Glutathione Peroxidase Activity in Serum during Acute Myocardial Infarction and Unstable Angina Pectoris.. <i>International Heart Journal</i> , 1993, 34, 551-555.	0.6	4
70	Aqueous extracts of <i>Rosmarinus officinalis</i> , <i>Urtica dioica</i> , and soybean exert different effects on adenosine deaminase activity in cancerous and noncancerous human gastric and colon tissues. <i>Journal of Health Research and Reviews</i> , 2016, 3, 24.	0.1	4
71	Analysis of calcium, zinc, magnesium, iron and copper content in myocardium and stenotic mitral valves. <i>American Journal of Cardiology</i> , 1989, 64, 1392-1394.	0.7	3
72	Glycosaminoglycan Content of Ca-Oxalate Stone Matrix. <i>Urologia Internationalis</i> , 1997, 58, 43-46.	0.6	2

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73	Prognostic implications of arrhythmias during primary percutaneous coronary interventions for ST-elevation myocardial infraction. Expert Review of Cardiovascular Therapy, 2015, 13, 85-94.	0.6	2
74	Aged Garlic Extract Consumption Causes Significant Increases in Plasma Nitric Oxide Synthase Activity and Nitric Oxide Levels in Atherosclerotic Patients. Vascular Disease Prevention, 2007, 4, 278-280.	0.2	1
75	EFFECTS OF HIGH-CHOLESTEROL DIET AND ANTIOXIDANT VITAMINS COMBINATION ON OXIDANT/ANTIOXIDANT STATUS IN HEART, KIDNEY, LIVER AND TESTIS TISSUES FROM RATS. Journal of Food Lipids, 2007, 14, 386-395.	0.9	1
76	High osmolar contrast medium causes mild oxidation in liver, bladder, and ovary tissues from rats: vitamin C has protective role. Medicinal Chemistry Research, 2010, 19, 515-523.	1.1	1
77	Xanthine oxidase enzyme activity in keratoconic corneal epithelium. International Ophthalmology, 2021, 41, 1063-1069.	0.6	1
78	Effects of cigarette smoke on oxidantâ€“antioxidant system of lung tissue. Toxicological and Environmental Chemistry, 0, , 1-10.	0.6	0