

# Demetrios Kouretas

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

211  
papers

6,498  
citations

46  
h-index

69  
g-index

244  
ext. papers

7,684  
ext. citations

4.3  
avg, IF

5.86  
L-index

#	Paper	IF	Citations
211	Anticancer and apoptosis-inducing effects of quercetin in vitro and in vivo. <i>Oncology Reports</i> , <b>2017</b> , 38, 819-828	3.5	221
210	Oxidative stress biomarkers responses to physical overtraining: implications for diagnosis. <i>Free Radical Biology and Medicine</i> , <b>2007</b> , 43, 901-10	7.8	196
209	Obesity - a risk factor for increased COVID-19 prevalence, severity and lethality (Review). <i>Molecular Medicine Reports</i> , <b>2020</b> , 22, 9-19	2.9	164
208	Current evidence on the effect of dietary polyphenols intake on chronic diseases. <i>Food and Chemical Toxicology</i> , <b>2017</b> , 110, 286-299	4.7	139
207	The effect of muscle-damaging exercise on blood and skeletal muscle oxidative stress: magnitude and time-course considerations. <i>Sports Medicine</i> , <b>2008</b> , 38, 579-606	10.6	136
206	Sampling time is crucial for measurement of aerobic exercise-induced oxidative stress. <i>Medicine and Science in Sports and Exercise</i> , <b>2007</b> , 39, 1107-13	1.2	127
205	Chemoprevention of liver cancer by plant polyphenols. <i>Food and Chemical Toxicology</i> , <b>2012</b> , 50, 2155-70	4.7	119
204	Correlation of total polyphenolic content with antioxidant and antibacterial activity of 24 extracts from Greek domestic Lamiaceae species. <i>Food and Chemical Toxicology</i> , <b>2012</b> , 50, 4115-24	4.7	118
203	Assessment of polyphenolic content, antioxidant activity, protection against ROS-induced DNA damage and anticancer activity of <i>Vitis vinifera</i> stem extracts. <i>Food and Chemical Toxicology</i> , <b>2013</b> , 61, 60-8	4.7	116
202	Simulating real-life exposures to uncover possible risks to human health: A proposed consensus for a novel methodological approach. <i>Human and Experimental Toxicology</i> , <b>2017</b> , 36, 554-564	3.4	115
201	Acute effects of electronic and tobacco cigarette smoking on complete blood count. <i>Food and Chemical Toxicology</i> , <b>2012</b> , 50, 3600-3	4.7	110
200	Blood reflects tissue oxidative stress depending on biomarker and tissue studied. <i>Free Radical Biology and Medicine</i> , <b>2009</b> , 47, 1371-4	7.8	105
199	Cell-free plasma DNA as a novel marker of aseptic inflammation severity related to exercise overtraining. <i>Clinical Chemistry</i> , <b>2006</b> , 52, 1820-4	5.5	99
198	Time-course of changes in oxidative stress and antioxidant status responses following a soccer game. <i>Journal of Strength and Conditioning Research</i> , <b>2010</b> , 24, 3278-86	3.2	96
197	Six months exposure to a real life mixture of 13 chemicals below individual NOAELs induced non monotonic sex-dependent biochemical and redox status changes in rats. <i>Food and Chemical Toxicology</i> , <b>2018</b> , 115, 470-481	4.7	88
196	Dietary oxidative stress and antioxidant defense with an emphasis on plant extract administration. <i>Cell Stress and Chaperones</i> , <b>2012</b> , 17, 11-21	4	84
195	Decreased blood oxidative stress after repeated muscle-damaging exercise. <i>Medicine and Science in Sports and Exercise</i> , <b>2007</b> , 39, 1080-9	1.2	80

194	Environmental impacts of genetically modified plants: A review. <i>Environmental Research</i> , <b>2017</b> , 156, 818-833	68
193	A review of the alleged health hazards of monosodium glutamate. <i>Comprehensive Reviews in Food Science and Food Safety</i> , <b>2019</b> , 18, 1111-1134	16.4 67
192	Pesticides and cardiotoxicity. Where do we stand?. <i>Toxicology and Applied Pharmacology</i> , <b>2018</b> , 353, 1-14	4.6 67
191	Ergogenic and antioxidant effects of spirulina supplementation in humans. <i>Medicine and Science in Sports and Exercise</i> , <b>2010</b> , 42, 142-51	1.2 66
190	Effects of xanthine oxidase inhibition on oxidative stress and swimming performance in rats. <i>Applied Physiology, Nutrition and Metabolism</i> , <b>2008</b> , 33, 1140-54	3 66
189	Resveratrol enhances exercise training responses in rats selectively bred for high running performance. <i>Food and Chemical Toxicology</i> , <b>2013</b> , 61, 53-9	4.7 65
188	Anticarcinogenic activity of polyphenolic extracts from grape stems against breast, colon, renal and thyroid cancer cells. <i>Toxicology Letters</i> , <b>2014</b> , 230, 218-24	4.4 65
187	Alzheimer's disease treated patients showed different patterns for oxidative stress and inflammation markers. <i>Food and Chemical Toxicology</i> , <b>2013</b> , 61, 209-14	4.7 64
186	Pomegranate juice consumption increases GSH levels and reduces lipid and protein oxidation in human blood. <i>Food and Chemical Toxicology</i> , <b>2014</b> , 73, 1-6	4.7 59
185	Histopathological lesions, oxidative stress and genotoxic effects in liver and kidneys following long term exposure of rabbits to diazinon and propoxur. <i>Toxicology</i> , <b>2013</b> , 307, 109-14	4.4 59
184	The effects of acute exercise on serum adiponectin and resistin levels and their relation to insulin sensitivity in overweight males. <i>European Journal of Applied Physiology</i> , <b>2006</b> , 97, 122-6	3.4 58
183	Acute exercise markedly increases blood oxidative stress in boys and girls. <i>Applied Physiology, Nutrition and Metabolism</i> , <b>2007</b> , 32, 197-205	3 57
182	Potential Applications of NRF2 Modulators in Cancer Therapy. <i>Antioxidants</i> , <b>2020</b> , 9,	7.1 56
181	Antioxidant effects of whey protein on muscle C2C12 cells. <i>Food Chemistry</i> , <b>2014</b> , 155, 271-8	8.5 56
180	Comparison of antioxidant activity between green and roasted coffee beans using molecular methods. <i>Molecular Medicine Reports</i> , <b>2015</b> , 12, 7293-302	2.9 55
179	Cardiotoxicity in rabbits after a low-level exposure to diazinon, propoxur, and chlorpyrifos. <i>Human and Experimental Toxicology</i> , <b>2014</b> , 33, 1241-52	3.4 55
178	Feed supplemented with byproducts from olive oil mill wastewater processing increases antioxidant capacity in broiler chickens. <i>Food and Chemical Toxicology</i> , <b>2015</b> , 82, 42-9	4.7 54
177	Time of sampling is crucial for measurement of cell-free plasma DNA following acute aseptic inflammation induced by exercise. <i>Clinical Biochemistry</i> , <b>2010</b> , 43, 1368-70	3.5 53

176	Tobacco-specific nitrosamines: A literature review. <i>Food and Chemical Toxicology</i> , <b>2018</b> , 118, 198-203	4.7	52
175	Multicomponent analysis of replacement liquids of electronic cigarettes using chromatographic techniques. <i>Journal of Analytical Toxicology</i> , <b>2015</b> , 39, 262-9	2.9	50
174	ROS-major mediators of extracellular matrix remodeling during tumor progression. <i>Food and Chemical Toxicology</i> , <b>2013</b> , 61, 178-86	4.7	50
173	Contribution of aldehyde oxidase, xanthine oxidase, and aldehyde dehydrogenase on the oxidation of aromatic aldehydes. <i>Chemical Research in Toxicology</i> , <b>2004</b> , 17, 1368-76	4	50
172	Antibacterial and antioxidant activity of different types of honey derived from Mount Olympus in Greece. <i>International Journal of Molecular Medicine</i> , <b>2018</b> , 42, 726-734	4.4	49
171	Assessment of the antioxidant activity of an olive oil total polyphenolic fraction and hydroxytyrosol from a Greek <i>Olea europaea</i> variety in endothelial cells and myoblasts. <i>International Journal of Molecular Medicine</i> , <b>2017</b> , 40, 703-712	4.4	48
170	Natural products-friends or foes?. <i>Toxicology Letters</i> , <b>2015</b> , 236, 154-67	4.4	48
169	Polyphenolic composition of grape stem extracts affects antioxidant activity in endothelial and muscle cells. <i>Molecular Medicine Reports</i> , <b>2015</b> , 12, 5846-56	2.9	48
168	Connection between telomerase activity in PBMC and markers of inflammation and endothelial dysfunction in patients with metabolic syndrome. <i>PLoS ONE</i> , <b>2012</b> , 7, e35739	3.7	48
167	The antioxidant effects of a polyphenol-rich grape pomace extract in vitro do not correspond in vivo using exercise as an oxidant stimulus. <i>Oxidative Medicine and Cellular Longevity</i> , <b>2012</b> , 2012, 185867	6.7	48
166	Feed supplemented with polyphenolic byproduct from olive mill wastewater processing improves the redox status in blood and tissues of piglets. <i>Food and Chemical Toxicology</i> , <b>2015</b> , 86, 319-27	4.7	46
165	Role of vitamin C and E supplementation on IL-6 in response to training. <i>Journal of Applied Physiology</i> , <b>2012</b> , 112, 990-1000	3.7	46
164	Reactive oxygen species as an initiator of toxic innate immune responses in retort to SARS-CoV-2 in an ageing population, consider N-acetylcysteine as early therapeutic intervention. <i>Toxicology Reports</i> , <b>2020</b> , 7, 768-771	4.8	44
163	The effects of a single bout of exercise on resting energy expenditure and respiratory exchange ratio. <i>European Journal of Applied Physiology</i> , <b>2004</b> , 92, 393-8	3.4	43
162	A mixture of routinely encountered xenobiotics induces both redox adaptations and perturbations in blood and tissues of rats after a long-term low-dose exposure regimen: The time and dose issue. <i>Toxicology Letters</i> , <b>2019</b> , 317, 24-44	4.4	42
161	Oxidative stress in patients with obstructive sleep apnea syndrome. <i>Sleep and Breathing</i> , <b>2013</b> , 17, 549-551	3.1	42
160	Grape pomace improves antioxidant capacity and faecal microflora of lambs. <i>Journal of Animal Physiology and Animal Nutrition</i> , <b>2017</b> , 101, e108-e121	2.6	42
159	Activity of grape extracts from Greek varieties of <i>Vitis vinifera</i> against mutagenicity induced by bleomycin and hydrogen peroxide in <i>Salmonella typhimurium</i> strain TA102. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , <b>2006</b> , 609, 165-75	3	42

158	Flavonoid glycosides isolated from unique legume plant extracts as novel inhibitors of xanthine oxidase. <i>PLoS ONE</i> , <b>2012</b> , 7, e32214	3.7	41
157	Assessment of the antioxidant and antimutagenic activity of extracts from goji berry of Greek cultivation. <i>Toxicology Reports</i> , <b>2018</b> , 5, 251-257	4.8	40
156	Exercise-induced oxidative stress in G6PD-deficient individuals. <i>Medicine and Science in Sports and Exercise</i> , <b>2006</b> , 38, 1443-50	1.2	40
155	Tannins, xenobiotic metabolism and cancer chemoprevention in experimental animals. <i>European Journal of Drug Metabolism and Pharmacokinetics</i> , <b>1999</b> , 24, 183-9	2.7	40
154	Chronic Inflammation in the Context of Everyday Life: Dietary Changes as Mitigating Factors. <i>International Journal of Environmental Research and Public Health</i> , <b>2020</b> , 17,	4.6	39
153	A brief exposure to moderate passive smoke increases metabolism and thyroid hormone secretion. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2007</b> , 92, 208-11	5.6	39
152	Chemopreventive activity of very low dose dietary tannic acid administration in hepatoma bearing C3H male mice. <i>Cancer Letters</i> , <b>1999</b> , 141, 57-62	9.9	38
151	Improved strategies to counter the COVID-19 pandemic: Lockdowns vs. primary and community healthcare. <i>Toxicology Reports</i> , <b>2021</b> , 8, 1-9	4.8	38
150	Aldehyde levels in e-cigarette aerosol: Findings from a replication study and from use of a new-generation device. <i>Food and Chemical Toxicology</i> , <b>2018</b> , 111, 64-70	4.7	36
149	A battery of translational biomarkers for the assessment of the in vitro and in vivo antioxidant action of plant polyphenolic compounds: The biomarker issue. <i>Current Opinion in Toxicology</i> , <b>2019</b> , 13, 99-109	4.4	34
148	Application of a new oxidation-reduction potential assessment method in strenuous exercise-induced oxidative stress. <i>Redox Report</i> , <b>2015</b> , 20, 154-62	5.9	33
147	Analysis of the intricate effects of polyunsaturated fatty acids and polyphenols on inflammatory pathways in health and disease. <i>Food and Chemical Toxicology</i> , <b>2020</b> , 143, 111558	4.7	33
146	Biochemical and biological assessment of the inhibitory potency of extracts from vinification byproducts of <i>Vitis vinifera</i> extracts against glycogen phosphorylase. <i>Food and Chemical Toxicology</i> , <b>2014</b> , 67, 35-43	4.7	32
145	Assessment of eccentric exercise-induced oxidative stress using oxidation-reduction potential markers. <i>Oxidative Medicine and Cellular Longevity</i> , <b>2015</b> , 2015, 204615	6.7	32
144	Anti-inflammatory effects of a special carbohydrate-whey protein cake after exhaustive cycling in humans. <i>Food and Chemical Toxicology</i> , <b>2013</b> , 61, 42-6	4.7	32
143	Effects of melatonin on proliferation of cancer cell lines. <i>Journal of Pineal Research</i> , <b>1998</b> , 25, 211-8	10.4	32
142	Uniform and prolonged changes in blood oxidative stress after muscle-damaging exercise. <i>In Vivo</i> , <b>2007</b> , 21, 877-83	2.3	32
141	Antioxidant and chemopreventive properties of polyphenolic compounds derived from Greek legume plant extracts. <i>Journal of Agricultural and Food Chemistry</i> , <b>2008</b> , 56, 6967-76	5.7	31

140	Novel feed including bioactive compounds from winery wastes improved broilers Sredox status in blood and tissues of vital organs. <i>Food and Chemical Toxicology</i> , <b>2017</b> , 102, 24-31	4.7	30
139	Biological importance of reactive oxygen species in relation to difficulties of treating pathologies involving oxidative stress by exogenous antioxidants. <i>Food and Chemical Toxicology</i> , <b>2013</b> , 61, 240-7	4.7	30
138	Increased oxidative stress indices in the blood of child swimmers. <i>European Journal of Applied Physiology</i> , <b>2007</b> , 100, 235-9	3.4	30
137	Cardiotoxicity in rabbits after long-term nandrolone decanoate administration. <i>Toxicology Letters</i> , <b>2016</b> , 241, 143-51	4.4	29
136	Effect of a special carbohydrate-protein cake on oxidative stress markers after exhaustive cycling in humans. <i>Food and Chemical Toxicology</i> , <b>2012</b> , 50, 2805-10	4.7	29
135	Cytogenetic effects of grape extracts ( <i>Vitis vinifera</i> ) and polyphenols on mitomycin C-induced sister chromatid exchanges (SCEs) in human blood lymphocytes. <i>Journal of Agricultural and Food Chemistry</i> , <b>2007</b> , 55, 5246-52	5.7	29
134	Effects of polyphenolic grape extract on the oxidative status of muscle and endothelial cells. <i>Human and Experimental Toxicology</i> , <b>2014</b> , 33, 1099-112	3.4	28
133	Grape pomace extract exerts antioxidant effects through an increase in GCS levels and GST activity in muscle and endothelial cells. <i>International Journal of Molecular Medicine</i> , <b>2015</b> , 36, 433-41	4.4	28
132	Assessment of the redox status in patients with metabolic syndrome and type 2 diabetes reveals great variations. <i>Experimental and Therapeutic Medicine</i> , <b>2016</b> , 11, 895-903	2.1	28
131	Effect of a special carbohydrate-protein bar and tomato juice supplementation on oxidative stress markers and vascular endothelial dynamics in ultra-marathon runners. <i>Food and Chemical Toxicology</i> , <b>2014</b> , 69, 231-6	4.7	27
130	The Effects of an Olive Fruit Polyphenol-Enriched Yogurt on Body Composition, Blood Redox Status, Physiological and Metabolic Parameters and Yogurt Microflora. <i>Nutrients</i> , <b>2016</b> , 8,	6.7	27
129	The role of obesity in the immune response during sepsis. <i>Nutrition and Diabetes</i> , <b>2014</b> , 4, e137	4.7	26
128	Effects of plant phenolics and grape extracts from Greek varieties of <i>Vitis vinifera</i> on Mitomycin C and topoisomerase I-induced nicking of DNA. <i>International Journal of Molecular Medicine</i> , <b>2005</b> , 15, 1013-22	4.4	26
127	Variations in oxidative stress markers in elite basketball players at the beginning and end of a season. <i>Experimental and Therapeutic Medicine</i> , <b>2016</b> , 11, 147-153	2.1	25
126	Roasted and green coffee extracts show antioxidant and cytotoxic activity in myoblast and endothelial cell lines in a cell specific manner. <i>Food and Chemical Toxicology</i> , <b>2018</b> , 114, 119-127	4.7	24
125	Determination of xylazine and its metabolites by GC-MS in equine urine for doping analysis. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2004</b> , 35, 107-16	3.5	24
124	The metabolism of imidacloprid by aldehyde oxidase contributes to its clastogenic effect in New Zealand rabbits. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , <b>2018</b> , 829-830, 26-32	3	22
123	Enhancement of Antioxidant Mechanisms and Reduction of Oxidative Stress in Chickens after the Administration of Drinking Water Enriched with Polyphenolic Powder from Olive Mill Waste Waters. <i>Oxidative Medicine and Cellular Longevity</i> , <b>2017</b> , 2017, 8273160	6.7	22

122	Catalytic inhibition of eukaryotic topoisomerases I and II by flavonol glycosides extracted from <i>Vicia faba</i> and <i>Lotus edulis</i> . <i>Journal of Natural Products</i> , <b>2011</b> , 74, 2362-70	4.9	22
121	Increased oxidative stress blood markers in well-trained rowers following two thousand-meter rowing ergometer race. <i>Journal of Strength and Conditioning Research</i> , <b>2009</b> , 23, 1418-26	3.2	22
120	Antioxidant Activity of a Series of Fluorinated Pyrano-nucleoside Analogues of N4-benzoyl Cytosine and N6-benzoyl Adenine. <i>International Journal of Molecular Sciences</i> , <b>2007</b> , 8, 695-704	6.3	22
119	Use of nutritional supplements contaminated with banned doping substances by recreational adolescent athletes in Athens, Greece. <i>Food and Chemical Toxicology</i> , <b>2018</b> , 115, 447-450	4.7	21
118	Effects of acute exercise on liver function and blood redox status in heavy drinkers. <i>Experimental and Therapeutic Medicine</i> , <b>2015</b> , 10, 2015-2022	2.1	21
117	Tissue specific effects of feeds supplemented with grape pomace or olive oil mill wastewater on detoxification enzymes in sheep. <i>Toxicology Reports</i> , <b>2017</b> , 4, 364-372	4.8	21
116	Increase in antioxidant activity by sheep/goat whey protein through nuclear factor-like 2 (Nrf2) is cell type dependent. <i>Food and Chemical Toxicology</i> , <b>2016</b> , 97, 47-56	4.7	20
115	Conservation analysis of rat and human SP-A gene identifies 5S flanking sequences of rat SP-A that bind rat lung nuclear proteins. <i>Experimental Lung Research</i> , <b>1993</b> , 19, 485-503	2.3	19
114	Tocilizumab improves oxidative stress and endothelial glycocalyx: A mechanism that may explain the effects of biological treatment on COVID-19. <i>Food and Chemical Toxicology</i> , <b>2020</b> , 145, 111694	4.7	19
113	Nicotinic cholinergic system and COVID-19: In silico identification of interactions between $\alpha$ 7 nicotinic acetylcholine receptor and the cryptic epitopes of SARS-Co-V and SARS-CoV-2 Spike glycoproteins. <i>Food and Chemical Toxicology</i> , <b>2021</b> , 149, 112009	4.7	19
112	Antioxidant Effects of Sheep Whey Protein on Endothelial Cells. <i>Oxidative Medicine and Cellular Longevity</i> , <b>2016</b> , 2016, 6585737	6.7	19
111	Phytochemical Composition of the Decoctions of Greek Edible Greens (Chřeta) and Evaluation of Antioxidant and Cytotoxic Properties. <i>Molecules</i> , <b>2018</b> , 23,	4.8	18
110	Olive oil with high polyphenolic content induces both beneficial and harmful alterations on rat redox status depending on the tissue. <i>Toxicology Reports</i> , <b>2020</b> , 7, 421-432	4.8	17
109	Antioxidant effects of an olive oil total polyphenolic fraction from a Greek <i>Olea europaea</i> variety in different cell cultures. <i>Phytomedicine</i> , <b>2018</b> , 47, 135-142	6.5	17
108	Effects of Greek legume plant extracts on xanthine oxidase, catalase and superoxide dismutase activities. <i>Journal of Physiology and Biochemistry</i> , <b>2012</b> , 68, 37-45	5	17
107	Assessment of Oxidative Stress in Septic and Obese Patients Using Markers of Oxidation-reduction Potential. <i>In Vivo</i> , <b>2015</b> , 29, 595-600	2.3	17
106	Contrast-induced nephropathy in an animal model: Evaluation of novel biomarkers in blood and tissue samples. <i>Toxicology Reports</i> , <b>2019</b> , 6, 395-400	4.8	16
105	The Polyphenolic Composition of Extracts Derived from Different Greek Extra Virgin Olive Oils Is Correlated with Their Antioxidant Potency. <i>Oxidative Medicine and Cellular Longevity</i> , <b>2019</b> , 2019, 1870965	6.7	16

104	Blood oxidative stress markers after ultramarathon swimming. <i>Journal of Strength and Conditioning Research</i> , <b>2011</b> , 25, 805-11	3.2	16
103	Enzymatic oxidation of 2-phenylethylamine to phenylacetic acid and 2-phenylethanol with special reference to the metabolism of its intermediate phenylacetaldehyde. <i>Basic and Clinical Pharmacology and Toxicology</i> , <b>2004</b> , 95, 273-9	3.1	16
102	Metabolism of 2-phenylethylamine and phenylacetaldehyde by precision-cut guinea pig fresh liver slices. <i>European Journal of Drug Metabolism and Pharmacokinetics</i> , <b>2004</b> , 29, 111-8	2.7	16
101	Novel Feed Including Olive Oil Mill Wastewater Bioactive Compounds Enhanced the Redox Status of Lambs. <i>In Vivo</i> , <b>2018</b> , 32, 291-302	2.3	16
100	Polyphenolic Composition of , and Extracts and Assessment of Their Antioxidant Activity in Human Endothelial Cells. <i>Antioxidants</i> , <b>2019</b> , 8,	7.1	15
99	Approaching reactive species in the frame of their clinical significance: A toxicological appraisal. <i>Food and Chemical Toxicology</i> , <b>2020</b> , 138, 111206	4.7	15
98	Effect of pomegranate juice consumption on biochemical parameters and complete blood count. <i>Experimental and Therapeutic Medicine</i> , <b>2017</b> , 14, 1756-1762	2.1	15
97	The effect of exercise-induced hypoxemia on blood redox status in well-trained rowers. <i>European Journal of Applied Physiology</i> , <b>2012</b> , 112, 2073-83	3.4	15
96	Elipoic acid supplementation up-regulates antioxidant capacity in adults with G6PD deficiency. <i>Food and Chemical Toxicology</i> , <b>2013</b> , 61, 69-73	4.7	15
95	Influence of potent antioxidant leguminosae family plant extracts on growth and antioxidant defense system of Hep2 cancer cell line. <i>Journal of Medicinal Food</i> , <b>2010</b> , 13, 149-55	2.8	15
94	Extracts from the Mediterranean Food Plants , , and Enhanced GSH Levels and Increased Nrf2 Expression in Human Endothelial Cells. <i>Oxidative Medicine and Cellular Longevity</i> , <b>2018</b> , 2018, 6594101	6.7	15
93	Effects of Dietary Grape Pomace Supplementation on Performance, Carcass Traits and Meat Quality of Lambs. <i>In Vivo</i> , <b>2018</b> , 32, 807-812	2.3	15
92	Roasting has a distinct effect on the antimutagenic activity of coffee varieties. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , <b>2018</b> , 829-830, 33-42	3	14
91	Nephrotoxicity in rabbits after long-term nandrolone decanoate administration. <i>Toxicology Letters</i> , <b>2016</b> , 259, 21-27	4.4	14
90	Downgrading the systemic condition of rabbits after long term exposure to cypermethrin and piperonyl butoxide. <i>Life Sciences</i> , <b>2016</b> , 145, 114-20	6.8	14
89	GC-MS analysis of blood for the metabonomic investigation of the effects of physical exercise and allopurinol administration on rats. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2014</b> , 966, 127-31	3.2	14
88	Oxidative stress, inflammation and angiogenesis markers in elite female water polo athletes throughout a season. <i>Food and Chemical Toxicology</i> , <b>2013</b> , 61, 3-8	4.7	14
87	Redox, iron, and nutritional status of children during swimming training. <i>Journal of Science and Medicine in Sport</i> , <b>2009</b> , 12, 691-6	4.4	14



86	Exercise-Induced Reductive Stress Is a Protective Mechanism against Oxidative Stress in Peripheral Blood Mononuclear Cells. <i>Oxidative Medicine and Cellular Longevity</i> , <b>2018</b> , 2018, 3053704	6.7	14
85	Study of insulin resistance, TNF- $\alpha$ total antioxidant capacity and lipid profile in patients with chronic heart failure under exercise. <i>In Vivo</i> , <b>2011</b> , 25, 1031-7	2.3	14
84	Influence of Long-Term Fasting on Blood Redox Status in Humans. <i>Antioxidants</i> , <b>2020</b> , 9,	7.1	13
83	Effects of sheep/goat whey protein dietary supplementation on the redox status of rats. <i>Molecular Medicine Reports</i> , <b>2018</b> , 17, 5774-5781	2.9	13
82	Applications and biomonitoring issues of recombinant erythropoietins for doping control. <i>Therapeutic Drug Monitoring</i> , <b>2011</b> , 33, 3-13	3.2	13
81	What is considered cardiotoxicity of anthracyclines in animal studies. <i>Oncology Reports</i> , <b>2020</b> , 44, 798-813	3.5	13
80	Oxidative stress and kidney injury in trans-radial catheterization. <i>Biomedical Reports</i> , <b>2018</b> , 8, 417-425	1.8	13
79	Plant phenolics protect from bleomycin-induced oxidative stress and mutagenicity in Salmonella typhimurium TA102. <i>Anticancer Research</i> , <b>2004</b> , 24, 743-5	2.3	13
78	Variations in Oxidative Stress Levels in 3 Days Follow-up in Ultramarathon Mountain Race Athletes. <i>Journal of Strength and Conditioning Research</i> , <b>2017</b> , 31, 582-594	3.2	12
77	Buprenorphine and Methadone as Opioid Maintenance Treatments for Heroin-Addicted Patients Induce Oxidative Stress in Blood. <i>Oxidative Medicine and Cellular Longevity</i> , <b>2019</b> , 2019, 9417048	6.7	12
76	Resveratrol, curcumin and gallic acid attenuate glyoxal-induced damage to rat renal cells. <i>Toxicology Reports</i> , <b>2020</b> , 7, 1571-1577	4.8	12
75	Histopathological evaluation and redox assessment in blood and kidney tissues in a rabbit contrast-induced nephrotoxicity model. <i>Food and Chemical Toxicology</i> , <b>2017</b> , 108, 186-193	4.7	12
74	Adipocytokine levels in children: effects of fatness and training. <i>Pediatric Exercise Science</i> , <b>2012</b> , 24, 461-71		12
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44	The Effects of Spirulina Supplementation on Redox Status and Performance Following a Muscle Damaging Protocol. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	6
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30	Novel conformationally constrained pyrazole derivatives as potential anti-cancer agents. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , <b>2015</b> , 70, 677-690	1	3
29	Whey protein boosts the antioxidant profile of rats by enhancing the activities of crucial antioxidant enzymes in a tissue-specific manner. <i>Food and Chemical Toxicology</i> , <b>2020</b> , 142, 111508	4.7	3
28	Evaluation of oxidative stress in long-term exposed rabbits to subtoxic levels of imidacloprid. <i>Toxicology Letters</i> , <b>2014</b> , 229, S228	4.4	3
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20	Altered activity of xenobiotic detoxifying enzymes at menopause - A cross-sectional study. <i>Environmental Research</i> , <b>2020</b> , 182, 109074	7.9	2
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17	Effects of Anti-Inflammatory Treatment and Surgical Intervention on Endothelial Glycocalyx, Peripheral and Coronary Microcirculatory Function and Myocardial Deformation in Inflammatory Bowel Disease Patients: A Two-Arms Two-Stage Clinical Trial. <i>Diagnostics</i> , <b>2021</b> , 11,	3.8	2
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14	Assessment of antioxidant / anticarcinogenic activity of plant extracts by a combination of molecular methods. <i>In Vivo</i> , <b>2005</b> , 19, 741-7	2.3	2
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