

Nuriye Nuray Ulusu

List of Publications by Year in descending order

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Version: 2024-02-01

77
papers

1,452
citations

304368

22
h-index

414034

32
g-index

78
all docs

78
docs citations

78
times ranked

1473
citing authors

#	ARTICLE	IF	CITATIONS
1	Impact of the surface modifications and cell culture techniques on the biomechanical properties of PDMS in relation to cell growth behavior. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2022, 71, 886-897.	1.8	3
2	Effect of vitamin D supplementation on OPG/RANKL signalling activities in endothelial tissue damage in diet-induced diabetic rat model. <i>Pharmacological Reports</i> , 2022, 74, 124-134.	1.5	6
3	Impact of the Amyotrophic Lateral Sclerosis Disease on the Biomechanical Properties and Oxidative Stress Metabolism of the Lung Tissue Correlated With the Human Mutant SOD1G93A Protein Accumulation. <i>Frontiers in Bioengineering and Biotechnology</i> , 2022, 10, 810243.	2.0	3
4	Combined resveratrol and vitamin D treatment ameliorate inflammation-related liver fibrosis, ER stress, and apoptosis in a high-fructose diet/streptozotocin-induced T2DM model. <i>Histochemistry and Cell Biology</i> , 2022, 158, 279-296.	0.8	4
5	Evaluation of the Effects of Aging on the Aorta Stiffness in Relation with Mineral and Trace Element Levels: an Optimized Method via Custom-Built Stretcher Device. <i>Biological Trace Element Research</i> , 2021, 199, 2644-2652.	1.9	3
6	Correspondence: Importance of the validated serum biochemistry and hemogram parameters for rapid diagnosis and to prevent false negative results during COVID-19 pandemic. <i>Biotechnology and Applied Biochemistry</i> , 2021, 68, 390-391.	1.4	9
7	Protective Effects of Antioxidant Chlorophyllin in Chemically Induced Breast Cancer Model In vivo. <i>Biological Trace Element Research</i> , 2021, 199, 4475-4488.	1.9	12
8	COVID-19 may enhance risk of thrombosis and hemolysis in the G6PD deficient patients. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2021, 40, 505-517.	0.4	17
9	People with blood disorders can be more vulnerable during COVID-19 pandemic: A hypothesis paper. <i>Transfusion and Apheresis Science</i> , 2021, 60, 103080.	0.5	9
10	Comment on the: Molecular mechanism of CAT and SOD activity change under MPA-CdTe quantum dots induced oxidative stress in the mouse primary hepatocytes (<i>Spectrochim Acta A Mol Biomol Spectrosc.</i>) <i>Tj ETQq0 0,0 rgBT /Overlock 10</i> 229, 117792.	2.0	18
11	Identifying and solving scientific problems in the medicine: key to become a competent scientist. <i>Turkish Journal of Biochemistry</i> , 2020, 45, 225-227.	0.3	4
12	Evaluation of the biocompatibility of the GSH-coated Ag2S quantum dots in vitro: a perfect example for the non-toxic optical probes. <i>Molecular Biology Reports</i> , 2020, 47, 4117-4129.	1.0	24
13	Synthesis and characterization of a triple enzyme-inorganic hybrid nanoflower (TrpE@ihNF) as a combination of three pancreatic digestive enzymes amylase, protease and lipase. <i>Journal of Bioscience and Bioengineering</i> , 2020, 129, 679-686.	1.1	39
14	Influence of Lifestyle Parameters “ Dietary Habit, Chronic Stress and Environmental Factors, Jobs “ on the Human Health in Relation to the COVID-19 Pandemic. <i>Disaster Medicine and Public Health Preparedness</i> , 2020, 14, e36-e37.	0.7	12
15	Dataset of the analyzing trace elements and minerals via ICP-MS: Method validation for the mammalian tissue and serum samples. <i>Data in Brief</i> , 2020, 29, 105218.	0.5	13
16	Commentary: Challenges for <sc>PhD</sc> students during <sc>COVID</sc>-19 pandemic: Turning crisis into an opportunity. <i>Biochemistry and Molecular Biology Education</i> , 2020, 48, 428-429.	0.5	26
17	Correspondence: Angiotensin-converting enzyme 2 coated nanoparticles containing respiratory masks, chewing gums and nasal filters may be used for protection against COVID-19 infection. <i>Travel Medicine and Infectious Disease</i> , 2020, 37, 101697.	1.5	33
18	Is glucose-6-phosphate dehydrogenase enzyme deficiency a factor in Coronavirus-19 (COVID-19) infections and deaths?. <i>Pathogens and Global Health</i> , 2020, 114, 109-110.	1.0	37

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19	Importance of the serum biochemical parameters as potential biomarkers for rapid diagnosis and evaluating preclinical stage of ALS. <i>Medical Hypotheses</i> , 2020, 141, 109736.	0.8	13
20	The role of biotin metabolism in the COVID-19 infection. <i>Turkish Journal of Biochemistry</i> , 2020, 45, 671-672.	0.3	1
21	Effects of treatment with haloperidol and clozapine on the plasma concentrations of thyroid hormones in rats. <i>Endocrine Regulations</i> , 2020, 54, 71-76.	0.5	1
22	Influence of the butylparaben administration on the oxidative stress metabolism of liver, kidney and spleen. <i>Turkish Journal of Biochemistry</i> , 2020, 45, 689-694.	0.3	10
23	Data the DEHP induced changes on the trace element and mineral levels in the brain and testis tissues of rats. <i>Data in Brief</i> , 2019, 26, 104526.	0.5	19
24	In vitro interaction of glutathione S-transferase enzyme with glutathione-coated silver sulfide quantum dots: A novel method for biodetection of glutathione S-transferase enzyme. <i>Chemical Biology and Drug Design</i> , 2019, 94, 2094-2102.	1.5	19
25	Hitit Index to distinguish patients with and without Crimean-Congo hemorrhagic fever. <i>Ticks and Tick-borne Diseases</i> , 2019, 10, 1035-1040.	1.1	7
26	A new substrate for glutathione reductase: Glutathione coated Ag ₂ S quantum dots. <i>Talanta</i> , 2019, 194, 501-506.	2.9	36
27	Effects of butylparaben on antioxidant enzyme activities and histopathological changes in rat tissues. <i>Arhiv Za Higijenu Rada I Toksikologiju</i> , 2019, 70, 315-324.	0.4	22
28	Effects of timolol treatment on pancreatic antioxidant enzymes in streptozotocin-induced diabetic rats: An experimental and computational study. <i>Journal of Medical Biochemistry</i> , 2019, 38, 306-316.	0.7	5
29	Rosiglitazone-induced changes in the oxidative stress metabolism and fatty acid composition in relation with trace element status in the primary adipocytes. <i>Journal of Medical Biochemistry</i> , 2019, 39, 267-275.	0.7	13
30	Impact of the Di(2-Ethylhexyl) Phthalate Administration on Trace Element and Mineral Levels in Relation of Kidney and Liver Damage in Rats. <i>Biological Trace Element Research</i> , 2018, 186, 474-488.	1.9	45
31	Effects of alprazolam and haloperidol on thyroglobulin, antithyroglobulin, anti thyroid peroxidase and TSH in Rat. <i>Biyokimya Dergisi</i> , 2018, 43, 57-63.	0.1	1
32	Disorders of Lipid Metabolism in Chronic Kidney Disease. <i>Blood Purification</i> , 2018, 46, 144-152.	0.9	95
33	Effects of donepezil on liver and kidney functions for the treatment of Alzheimer's disease. <i>Journal of Integrative Neuroscience</i> , 2018, 16, 335-346.	0.8	8
34	Glucose-6-phosphate dehydrogenase a novel hope on a blood-based diagnosis of Alzheimer's disease. <i>Acta Neurologica Belgica</i> , 2017, 117, 229-234.	0.5	16
35	Possible mechanisms of transmissible cancers in Tasmanian devils. <i>Turkish Journal of Biochemistry</i> , 2017, 42, 241-244.	0.3	0
36	Evaluation of Renal Function in Alzheimer's Disease and Geriatric Patients: Results from a Turkish Two-Center Study. <i>Journal of Medical Biochemistry</i> , 2017, 36, 54-61.	0.7	6

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37	Antioxidant SMe1EC2 modulates pentose phosphate pathway and glutathione-dependent enzyme activities in tissues of aged diabetic rats. <i>Interdisciplinary Toxicology</i> , 2017, 10, 148-154.	1.0	10
38	Cornerstones of biochemistry in stamps / Pullarda biyokimyanın temel taşları. <i>Turkish Journal of Biochemistry</i> , 2016, 41, .	0.3	0
39	Comparison of Spectrophotometric and Fluorimetric Methods in Evaluation of Biotinidase Deficiency. <i>Journal of Medical Biochemistry</i> , 2016, 35, 123-129.	0.7	13
40	Curious Cases of the Enzymes / Neobişin İstoriya Enzima. <i>Journal of Medical Biochemistry</i> , 2015, 34, 271-281.	0.7	20
41	A Turkish 3-center study evaluation of serum folic acid and vitamin B12 levels in Alzheimer disease. <i>Turkish Journal of Medical Sciences</i> , 2015, 45, 1159-1166.	0.4	14
42	Glucose-6-phosphate dehydrogenase deficiency and Alzheimer's disease: Partners in crime? The hypothesis. <i>Medical Hypotheses</i> , 2015, 85, 219-223.	0.8	29
43	Evolution of Enzyme Kinetic Mechanisms. <i>Journal of Molecular Evolution</i> , 2015, 80, 251-257.	0.8	41
44	Long-term treatment with a beta-blocker timolol attenuates renal-damage in diabetic rats via enhancing kidney antioxidant-defense system. <i>Molecular and Cellular Biochemistry</i> , 2014, 395, 177-186.	1.4	11
45	In Vitro Effects of Isoorientin, Forsythoside B, and Verbascoside on Bovine Kidney Cortex Glutathione Reductase. <i>International Journal of Chemical Kinetics</i> , 2013, 45, 574-579.	1.0	2
46	Kinetic mechanism and some properties of glucose-6-phosphate dehydrogenase from sheep brain cortex. <i>Turkish Journal of Biochemistry</i> , 2012, 37, 340-347.	0.3	1
47	Current publishing system. <i>Turkish Journal of Biochemistry</i> , 2012, 37, 215-216.	0.3	1
48	<i>In vitro</i> effects of rosmarinic acid on glutathione reductase and glucose 6-phosphate dehydrogenase. <i>Pharmaceutical Biology</i> , 2011, 49, 587-594.	1.3	24
49	In vitro effects of compounds isolated from <i>Sideritis brevibracteata</i> on bovine kidney cortex glutathione reductase. <i>Acta Biochimica Polonica</i> , 2011, 58, 471-5.	0.3	4
50	Purification and Kinetics of Bovine Kidney Cortex Glutathione Reductase. <i>Protein and Peptide Letters</i> , 2010, 17, 667-674.	0.4	10
51	A Comparative Study with Colchicine on Glutathione Reductase. <i>Protein Journal</i> , 2010, 29, 380-385.	0.7	10
52	COMPARATIVE IN VITRO EFFECTS OF SOME METAL IONS ON BOVINE KIDNEY CORTEX GLUTATHIONE REDUCTASE. <i>Preparative Biochemistry and Biotechnology</i> , 2010, 40, 405-411.	1.0	8
53	Inhibition of purified bovine liver glutathione reductase with some metal ions. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2010, 25, 68-73.	2.5	13
54	Protective effects of <i>Lactobacillus delbrueckii</i> subsp <i>bulgaricus</i> B3 on intestinal enzyme activities after abdominal irradiation in rats. <i>Nutrition Research</i> , 2007, 27, 300-305.	1.3	6

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55	The inhibition kinetics of yeast glutathione reductase by some metal ions. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2007, 22, 489-495.	2.5	29
56	Sarco(endo)plasmic reticulum and plasmalemmal Ca ²⁺ -ATPase activities in cremaster muscles and sacs differ according to the associated inguinal pathology. <i>Cell Biochemistry and Function</i> , 2007, 25, 515-519.	1.4	3
57	STOBADINE PROTECTS RAT KIDNEY AGAINST ISCHAEMIA/REPERFUSION INJURY. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2007, 34, 210-216.	0.9	29
58	Purification and kinetic properties of glutathione reductase from bovine liver. <i>Molecular and Cellular Biochemistry</i> , 2007, 303, 45-51.	1.4	36
59	Gender related differential effects of Omega-3E treatment on diabetes-induced left ventricular dysfunction. <i>Molecular and Cellular Biochemistry</i> , 2007, 304, 255-263.	1.4	31
60	The effect of taurine on renal ischemia/reperfusion injury. <i>Amino Acids</i> , 2007, 32, 405-411.	1.2	27
61	Effects of cadmium and zinc ions on purified lamb kidney cortex glucose-6-phosphate dehydrogenase activity. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2006, 21, 225-230.	2.5	11
62	Purification and kinetics of sheep kidney cortex glucose-6-phosphate dehydrogenase. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2006, 143, 249-255.	0.7	29
63	Beneficial Effects of Selenium on Some Enzymes of Diabetic Rat Heart. <i>Biological Trace Element Research</i> , 2005, 103, 207-216.	1.9	32
64	Selenium Treatment Protects Diabetes-Induced Biochemical and Ultrastructural Alterations in Liver Tissue. <i>Biological Trace Element Research</i> , 2005, 105, 135-150.	1.9	32
65	Circadian Variations in the Activities of 6-Phosphogluconate Dehydrogenase and Glucose-6-Phosphate Dehydrogenase in the Liver of Control and Streptozotocin-Induced Diabetic Rats. <i>Chronobiology International</i> , 2005, 22, 667-677.	0.9	12
66	Kinetic properties of glucose-6-phosphate dehydrogenase from lamb kidney cortex. <i>Biochimie</i> , 2005, 87, 187-190.	1.3	25
67	Effects of rosiglitazone treatment on the pentose phosphate pathway and glutathione-dependent enzymes in liver and kidney of rats fed a high-fat diet. <i>Current Therapeutic Research</i> , 2004, 65, 79-89.	0.5	14
68	Inhibition of Glutathione Reductase by Cadmium Ion in Some Rabbit Tissues and the Protective Role of Dietary Selenium. <i>Biological Trace Element Research</i> , 2003, 91, 151-156.	1.9	17
69	Pentose phosphate pathway, glutathione-dependent enzymes and antioxidant defense during oxidative stress in diabetic rodent brain and peripheral organs: effects of stobadine and vitamin E. <i>Neurochemical Research</i> , 2003, 28, 815-823.	1.6	114
70	Effects of vitamin E on microsomal Ca ²⁺ -ATPase activity and calcium levels in streptozotocin-induced diabetic rat kidney. <i>Cell Biochemistry and Function</i> , 2003, 21, 177-182.	1.4	12
71	Total Calcium Content of Sacs Associated with Inguinal Hernia, Hydrocele or Undescended Testis Reflects Differences Dictated by Programmed Cell Death. <i>Urologia Internationalis</i> , 2003, 70, 211-215.	0.6	16
72	Less Calcium in Cremaster Muscles of Boys with Undescended Testis Supports a Deficiency in Sympathetic Innervation. <i>Urologia Internationalis</i> , 2002, 69, 111-115.	0.6	15

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73	In vivo treatment with stobadine prevents lipid peroxidation, protein glycation and calcium overload but does not ameliorate Ca ²⁺ -ATPase activity in heart and liver of streptozotocin-diabetic rats: comparison with vitamin E. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2002, 1588, 71-78.	1.8	56
74	Abietic acid inhibits lipoxygenase activity. <i>Phytotherapy Research</i> , 2002, 16, 88-90.	2.8	47
75	A Comparative Study on Effect of Dietary Selenium and Vitamin E on Some Antioxidant Enzyme Activities of Liver and Brain Tissues. <i>Biological Trace Element Research</i> , 2001, 81, 141-152.	1.9	27
76	A rapid method for the purification of glucose-6-phosphate dehydrogenase from bovine lens. <i>International Journal of Biochemistry and Cell Biology</i> , 1999, 31, 787-796.	1.2	31
77	Evaluation of the Cell Behavior and Growth Characteristics of the Porcine Dermal Xenograft Patch in Relation to the Surface Properties. <i>Frontiers in Bioengineering and Biotechnology</i> , 0, 10, .	2.0	1