

Muhsin Konuk

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5578999/publications.pdf>

Version: 2024-02-01

85
papers

1,671
citations

393982
19
h-index

344852
36
g-index

85
all docs

85
docs citations

85
times ranked

2146
citing authors

#	ARTICLE	IF	CITATIONS
1	Determination of genotoxic effects of copper sulphate and cobalt chloride in <i>Allium cepa</i> root cells by chromosome aberration and comet assays. <i>Chemosphere</i> , 2009, 75, 934-938.	4.2	154
2	An Ethnobotanical Survey of Inner-West Anatolia, Turkey. <i>Human Ecology</i> , 2008, 36, 763-777.	0.7	126
3	Antihyperglycemic and antioxidative potential of <i>Matricaria chamomilla</i> L. in streptozotocin-induced diabetic rats. <i>Journal of Natural Medicines</i> , 2008, 62, 284-293.	1.1	118
4	Traditional Uses of Wild Plants in the Middle Aegean Region of Turkey. <i>Human Ecology</i> , 2010, 38, 429-450.	0.7	113
5	Pesticides, Environmental Pollution, and Health. , 0, , .		97
6	Toxic chemicals-induced genotoxicity detected by random amplified polymorphic DNA (RAPD) in bean (<i>Phaseolus vulgaris</i> L.) seedlings. <i>Chemosphere</i> , 2009, 76, 900-906.	4.2	85
7	Ethnobotanical survey of plants used in Afyonkarahisar-Turkey. <i>Journal of Ethnobiology and Ethnomedicine</i> , 2015, 11, 84.	1.1	76
8	Aromatic Hydrocarbon Degradation by Halophilic Archaea Isolated from \tilde{A} amalt \tilde{A} Saltern, Turkey. <i>Water, Air, and Soil Pollution</i> , 2013, 224, 1.	1.1	62
9	Putative Roles of Plant-Derived Tannins in Neurodegenerative and Neuropsychiatry Disorders: An Updated Review. <i>Molecules</i> , 2019, 24, 2213.	1.7	60
10	Testing of the mutagenicity and genotoxicity of metolcarb by using both Ames/Salmonella and <i>Allium</i> test. <i>Chemosphere</i> , 2010, 80, 1056-1061.	4.2	57
11	Determination of genotoxicity of Fenaminosulf by <i>Allium</i> and Comet tests. <i>Pesticide Biochemistry and Physiology</i> , 2011, 99, 61-64.	1.6	45
12	Organochlorine pesticide (OCP) residues in cow \tilde{A} ™s, buffalo \tilde{A} ™s, and sheep \tilde{A} ™s milk from Afyonkarahisar region, Turkey. <i>Environmental Monitoring and Assessment</i> , 2011, 181, 555-562.	1.3	36
13	Incidence of neural tube defects in Afyonkarahisar, Western Turkey. <i>Genetics and Molecular Research</i> , 2009, 8, 154-161.	0.3	33
14	Nitrate and nitrite levels in fruity and natural mineral waters marketed in western Turkey. <i>Journal of Food Composition and Analysis</i> , 2007, 20, 236-240.	1.9	30
15	Evaluation of germination, root growth and cytological effects of wastewater of sugar factory (Afyonkarahisar) using <i>Hordeum vulgare</i> bioassays. <i>Environmental Monitoring and Assessment</i> , 2011, 183, 517-524.	1.3	30
16	Determination of some heavy metal levels and oxidative status in <i>Carassius carassius</i> L., 1758 from Eber Lake. <i>Environmental Monitoring and Assessment</i> , 2008, 147, 35-41.	1.3	28
17	Genotoxicity of indium tin oxide by <i>Allium</i> and Comet tests. <i>Cytotechnology</i> , 2015, 67, 157-163.	0.7	28
18	Detection of genotoxicity and mutagenicity of chlorthiophos using micronucleus, chromosome aberration, sister chromatid exchange, and Ames tests. <i>Environmental Toxicology</i> , 2015, 30, 937-945.	2.1	23

#	ARTICLE	IF	CITATIONS
19	Determination of mutagenicity and genotoxicity of indium tin oxide nanoparticles using the Ames test and micronucleus assay. <i>Toxicology and Industrial Health</i> , 2016, 32, 1720-1728.	0.6	22
20	The protective potential of <i>Yucca schidigera</i> (Sarsaponin 30Å®) against nitrite-induced oxidative stress in rats. <i>Journal of Natural Medicines</i> , 2009, 63, 311-317.	1.1	21
21	Antioxidant Enzyme and Element Status in Heroin Addiction or Heroin Withdrawal in Rats: Effect of Melatonin and Vitamin E Plus Se. <i>Biological Trace Element Research</i> , 2011, 139, 41-54.	1.9	19
22	Antifungal Activity and Chemical Composition of Essential Oil of <i>Origanum Hypericifolium</i> . <i>International Journal of Food Properties</i> , 2012, 15, 38-48.	1.3	19
23	The Roles of Melatonin and Vitamin E Plus Selenium in Prevention of Oxidative Stress Induced by Naloxone-Precipitated Withdrawal in Heroin-Addicted Rats. <i>Biological Trace Element Research</i> , 2011, 142, 55-66.	1.9	18
24	Traditional Tar Production from the Anatolian Black Pine [<i>Pinus nigra</i> Arn. subsp. <i>pallasiana</i> (Lamb.) Holmboe var. <i>pallasiana</i>] and its usages in Afyonkarahisar, Central Western Turkey. <i>Journal of Ethnobiology and Ethnomedicine</i> , 2014, 10, 29.	1.1	16
25	Evaluation of antibacterial, antioxidant and DNA protective capacity of <i>Chenopodium album</i> 's ethanolic leaf extract. <i>Chemosphere</i> , 2013, 90, 374-379.	4.2	15
26	Occurrence and possible fate of organochlorine pesticide residues at Manzala Lake in Egypt as a model study. <i>Environmental Monitoring and Assessment</i> , 2015, 187, 4161.	1.3	15
27	Genotoxicity of drinking water disinfection by-products (bromoform and chloroform) by using both <i>Allium anaphase-telophase</i> and comet tests. <i>Cytotechnology</i> , 2015, 67, 207-213.	0.7	15
28	Isolation and identification of <i>Mycobacteria</i> from raw milk samples in Afyonkarahisar district of Turkey. <i>International Journal of Food Microbiology</i> , 2007, 115, 343-347.	2.1	14
29	In vitro propagation of an endangered plant species, <i>Thermopsis turcica</i> (Fabaceae). <i>Biologia (Poland)</i> , 2008, 63, 652-657.	0.8	14
30	Mutagenicity and genotoxicity of drinking water in Guelma region, Algeria. <i>Environmental Monitoring and Assessment</i> , 2015, 187, 21.	1.3	12
31	Evaluation of DNA Damage in Eurasian Marsh Frogs (<i>Pelophylax ridibundus</i>) by Comet Assay for Determination of Possible Pollution in the Different Lakes in Central Anatolia, Turkey. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2013, 90, 660-665.	1.3	11
32	Genotoxicity of <i>Thermopsis turcica</i> on <i>Allium cepa</i> L. roots revealed by alkaline comet and random amplified polymorphic DNA assays. <i>Cytotechnology</i> , 2016, 68, 829-838.	0.7	11
33	The effect of silver nanoparticles on the mutagenic and the genotoxic properties of the urban wastewater liquid sludges. <i>Environmental Science and Pollution Research</i> , 2019, 26, 18403-18410.	2.7	11
34	Endangered Status and Propagation of an Endemic Plant species, <i>Thermopsis turcica</i> (Fabaceae). <i>Asian Journal of Plant Sciences</i> , 2007, 6, 288-293.	0.2	11
35	Vegetation as an Indicator of Soil Properties and Water Quality in the AkarÅşay Stream (Turkey). <i>Environmental Management</i> , 2008, 42, 764-770.	1.2	10
36	Micronucleus assay in human lymphocytes after exposure to alloxym sodium herbicide in vitro. <i>Cytotechnology</i> , 2015, 67, 1059-1066.	0.7	10

#	ARTICLE	IF	CITATIONS
37	Evaluation of genotoxic and mutagenic effects of aqueous extract from aerial parts of <i>Linaria genistifolia</i> subsp. <i>genistifolia</i> . <i>Revista Brasileira De Farmacognosia</i> , 2012, 22, 541-548.	0.6	9
38	Relationships between epipellic diatoms, aquatic macrophytes, and water quality in Akarşay Stream, Afyonkarahisar, Turkey. <i>Oceanological and Hydrobiological Studies</i> , 2012, 41, 74-84.	0.3	9
39	Survey of Turkey's endemic amphibians for chytrid fungus <i>Batrachochytrium dendrobatidis</i> . <i>Diseases of Aquatic Organisms</i> , 2014, 111, 153-157.	0.5	9
40	Plant cytotoxicity of nebularine (purine riboside). <i>Phytochemistry</i> , 1994, 37, 1589-1592.	1.4	8
41	Biosynthesis of nebularine (purine 9 ^β -d-ribofuranoside) involves enzymic release of hydroxylamine from adenosine. <i>Phytochemistry</i> , 1995, 38, 61-71.	1.4	8
42	Seasonal Variations in Fatty Acid Composition of Different Tissues of Mirror Carp, <i>Cyprinus Carpio</i> , in Orenler Dam Lake, Afyonkarahisar, Turkey. <i>International Journal of Food Properties</i> , 2011, 14, 1007-1017.	1.3	8
43	Mutagenic and genotoxic effects of Guelma's urban wastewater, Algeria. <i>Environmental Monitoring and Assessment</i> , 2015, 187, 26.	1.3	8
44	Radiation shielding parameters of some antioxidants using Monte Carlo method. <i>Journal of Biological Physics</i> , 2018, 44, 579-590.	0.7	8
45	Organochlorine Pesticide Residues in Butter and Kaymak in Afyonkarahisar, Turkey. <i>Journal of Animal and Veterinary Advances</i> , 2010, 9, 2797-2801.	0.1	8
46	Screening of γ -aminolevulinic acid dehydratase from <i>Pseudomonas</i> strains as biosensor for lead and some other metals contamination. <i>Environmental Monitoring and Assessment</i> , 2007, 134, 263-269.	1.3	7
47	Several Growth Characteristics of an Invasive Cyprinid Fish (<i>Carassius gibelio</i> Bloch, 1782). <i>Notulae Scientia Biologicae</i> , 2013, 5, 133-138.	0.1	7
48	Effect of alpha-actinin-3 gene on trained and untrained Turkish middle-school children's sprinting performance: a pilot study. <i>Biological Rhythm Research</i> , 2014, 45, 509-514.	0.4	7
49	Mutagenic and genotoxic effects of Anilofos with micronucleus, chromosome aberrations, sister chromatid exchanges and Ames test. <i>Cytotechnology</i> , 2017, 69, 865-874.	0.7	7
50	The effects of season on fatty acid composition and n-3/n-6 ratios of northern pike (<i>Esox lucius</i> L., 1758) muscle lipids. <i>Chinese Journal of Oceanology and Limnology</i> , 2015, 33, 70-76.	0.7	6
51	Diversity and Ecology of Myxomycetes from Iztahya and Konya (Turkey) with Four New Records. <i>Mycobiology</i> , 2018, 46, 215-223.	0.6	6
52	In silico approach to the analysis of SNPs in the human APAF1 gene. <i>Turkish Journal of Biology</i> , 2019, 43, 371-381.	2.1	6
53	Evaluation of cytotoxic and genotoxic effects of Benodanil by using <i>Allium</i> and Micronucleus assays. <i>Drug and Chemical Toxicology</i> , 2016, 39, 35-40.	1.2	6
54	Molecular Polar Surface Area, Total Solvent Accessible Surface Area (SASA), Heat of Formation, and Gamma-Ray Attenuation Properties of Some Flavonoids. <i>Frontiers in Physics</i> , 2022, 10, .	1.0	6

#	ARTICLE	IF	CITATIONS
55	Effect of nutritional supports on malnutrition, cognition, function and biomarkers of Alzheimer's disease: a systematic review. International Journal of Neuroscience, 2023, 133, 1355-1373.	0.8	6
56	Cytotoxic and genotoxic effects of dioxacarb by human peripheral blood lymphocytes CAs and Allium test. Cytotechnology, 2015, 67, 1023-1030.	0.7	5
57	Synthesis and Characterization of Novel Methacrylate Monomers Having Pendant Oxime Esters and Their Copolymerization with Styrene. Journal of Macromolecular Science - Pure and Applied Chemistry, 2007, 44, 817-830.	1.2	4
58	Comparison of ALAD activities of Citrobacter and Pseudomonas strains and their usage as biomarker for Pb contamination. Environmental Monitoring and Assessment, 2008, 139, 41-48.	1.3	4
59	Isolation and biochemical characterization of Î-glucoamylase from Streptomyces yokosukanensis ATCC 25520. Applied Biochemistry and Microbiology, 2008, 44, 356-360.	0.3	4
60	Assessment of cytotoxic and genotoxic potential of pyracarbolid by Allium test and micronucleus assay. Drug and Chemical Toxicology, 2015, 38, 337-341.	1.2	4
61	Cyto-genotoxicity, antibacterial, and antibiofilm properties of green synthesized silver nanoparticles using Penicillium toxicarium. Microscopy Research and Technique, 2021, 84, 2530-2543.	1.2	4
62	Synthesis, Characterization, and Optimization of Green Silver Nanoparticles Using Neopestalotiopsis clavispora and Evaluation of Its Antibacterial, Antibiofilm, and Genotoxic Effects. The EuroBiotech Journal, 2021, 5, 109-122.	0.5	4
63	Gamma Shielding Properties of Erbium Zinc Tellurite Glass System Using Monte Carlo Method. Journal of Testing and Evaluation, 2020, 48, 20180123.	0.4	4
64	Lead toxicity and biochemical characterization of Î-galactosaminase on endemic prawn, Palaemonetes turcorum. Ekoloji, 2010, 19, 16-22.	0.4	4
65	Antimicrobial activities in root extracts of Limonium spp. growing in Afyonkarahisar, Turkey. Journal of Environmental Biology, 2013, 34, 561-8.	0.2	4
66	A mutagenicity and cytotoxicity study on Limonium effusum aqueous extracts by Allium, Ames and MTT tests. Cytology and Genetics, 2015, 49, 125-133.	0.2	3
67	An update comprehensive review on the status of COVID-19: vaccines, drugs, variants and neurological symptoms. Turkish Journal of Biology, 2021, 45, 342-357.	2.1	3
68	Detection of fungi spectrum in industrial and home bakeries and determined fungal allergy with skin prick test. Asian Pacific Journal of Allergy and Immunology, 2005, 23, 79-85.	0.2	3
69	Bioclimatic characteristic of oak species Quercus macranthera subsp. sypirensis and Quercus petraea subsp. pinnatifida in Turkey. Journal of Environmental Biology, 2011, 32, 127-31.	0.2	3
70	The Multidisciplinary Approach to Biochemistry Laboratory Education. Turkish Journal of Biochemistry, 2013, 38, 506-512.	0.3	2
71	Fitness and competitive growth comparison of methicillin resistant and methicillin susceptible Staphylococcus aureus colonies. Microbial Pathogenesis, 2017, 106, 69-75.	1.3	2
72	Pitch oil production " An intangible cultural heritage in Central Europe. Journal of Analytical and Applied Pyrolysis, 2021, 159, 105309.	2.6	2

#	ARTICLE	IF	CITATIONS
73	On the Bayat (Turkey) rugs, motif stories, used dyeing plants and their ethnobotanical properties. Our Nature, 2017, 15, 19-25.	0.1	2
74	Î-Aminolevulinic acid dehydratase of Haloarcula argentinensis isolated from Tuz Lake in Turkey. Environmental Monitoring and Assessment, 2010, 169, 229-236.	1.3	1
75	Beneficial Usages of Halophilic Microorganisms. Sustainable Development and Biodiversity, 2015, , 261-276.	1.4	1
76	Comparison of liquid chromatography instruments with single quadrupole and tandem mass spectrometry for trace level analysis: Aflatoxin m1 (afm1) in white cheese. International Journal of Food Properties, 2017, , 1-11.	1.3	1
77	Ames and random amplified polymorphic DNA tests for the validation of the mutagenic and/or genotoxic potential of the drinking water disinfection by-products chloroform and bromoform. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2018, 53, 154-159.	0.9	1
78	Synthesis of Morphine Loaded Hydroxyapatite Nanoparticles (HAPs) and Determination of Genotoxic Effect for Using Pain Management. Journal of Pharmaceutical Research International, 0, , 1-13.	1.0	1
79	Determination of fungal frequency and comparison of allergic symptoms related with buildings and fungi in Afyon, Turkey. Journal of King Abdulaziz University, Islamic Economics, 2006, 27, 1146-51.	0.5	1
80	Genotoxic evaluation of Halfenprox using the human peripheral lymphocyte micronucleus assay and the Ames test. Drug and Chemical Toxicology, 2017, 40, 191-195.	1.2	0
81	Some Temperature-Dependent Changes in Streptomyces yokosukanensis ATCC 25520. Turkish Journal of Biology, 1996, 20, 257-262.	2.1	0
82	[8-14C] Inosine Metabolism by Streptomyces yokosukanensis ATCC 25520. Turkish Journal of Biology, 1996, 20, 235-239.	2.1	0
83	Influence of Physical Exercise on Serum Apolipoprotein A-I Containing Lipoproteins. Turkish Journal of Medical Sciences, 1997, 27, 21-25.	0.4	0
84	Effect of L-Carnitine on Activity of Liver Alcohol Dehydrogenase in Diabetic Rats. Turkish Journal of Medical Sciences, 1997, 27, 345-348.	0.4	0
85	Genotoxic effects and bacteria-related bioremediation of pesticides. , 2022, , 385-410.		0