

# NurAen BaAaran

## List of Publications by Year in descending order

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87  
papers

3,126  
citations

136740

32  
h-index

168136

53  
g-index

101  
all docs

101  
docs citations

101  
times ranked

4212  
citing authors

#	ARTICLE	IF	CITATIONS
1	Importance of antibiotic residues in animal food. <i>Food and Chemical Toxicology</i> , 2019, 125, 462-466.	1.8	343
2	Minimum Information for Reporting on the Comet Assay (MIRCA): recommendations for describing comet assay procedures and results. <i>Nature Protocols</i> , 2020, 15, 3817-3826.	5.5	189
3	In vitro immunomodulatory activity of flavonoid glycosides from <i>Urtica dioica</i> L.. <i>Phytotherapy Research</i> , 2003, 17, 34-37.	2.8	173
4	Pharmacological and Toxicological Properties of Eugenol. <i>Turkish Journal of Pharmaceutical Sciences</i> , 2017, 14, 201-206.	0.6	148
5	The antioxidant and antigenotoxic properties of citrus phenolics limonene and naringin. <i>Food and Chemical Toxicology</i> , 2015, 81, 160-170.	1.8	128
6	Application of the comet assay in human biomonitoring: An hCOMET perspective. <i>Mutation Research - Reviews in Mutation Research</i> , 2020, 783, 108288.	2.4	95
7	The effects of thyme volatiles on the induction of DNA damage by the heterocyclic amine IQ and mitomycin C. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2005, 581, 43-53.	0.9	80
8	Effect of various genotoxins and reproductive toxins in human lymphocytes and sperm in the Comet assay. <i>Teratogenesis, Carcinogenesis, and Mutagenesis</i> , 1997, 17, 29-43.	0.8	73
9	Modulating effects of flavonoids on food mutagens in human blood and sperm samples in the Comet assay. <i>Teratogenesis, Carcinogenesis, and Mutagenesis</i> , 1997, 17, 45-58.	0.8	72
10	Modulating Effects of Thyme and Its Major Ingredients on Oxidative DNA Damage in Human Lymphocytes. <i>Journal of Agricultural and Food Chemistry</i> , 2005, 53, 1299-1305.	2.4	69
11	Reproductive toxicity parameters and biological monitoring in occupationally and environmentally boron-exposed persons in Bandırma, Turkey. <i>Archives of Toxicology</i> , 2011, 85, 589-600.	1.9	66
12	Assessment of DNA strand breakage by the alkaline COMET assay in dialysis patients and the role of Vitamin E supplementation. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2002, 520, 151-159.	0.9	65
13	The modulating effects of quercetin and rutin on the mitomycin C induced DNA damage. <i>Toxicology Letters</i> , 2004, 151, 143-149.	0.4	63
14	The effect of vitamin E supplementation on antioxidant enzyme activities and lipid peroxidation levels in hemodialysis patients. <i>Clinica Chimica Acta</i> , 2003, 338, 91-98.	0.5	62
15	d-limonene ameliorates diabetes and its complications in streptozotocin-induced diabetic rats. <i>Food and Chemical Toxicology</i> , 2017, 110, 434-442.	1.8	62
16	Protective effects of curcumin against oxidative stress parameters and DNA damage in the livers and kidneys of rats with biliary obstruction. <i>Food and Chemical Toxicology</i> , 2013, 61, 28-35.	1.8	59
17	Effects of lead on immune parameters in occupationally exposed workers. <i>American Journal of Industrial Medicine</i> , 2000, 38, 349-354.	1.0	52
18	Effects of Occupational Silica Exposure on OXIDATIVE Stress and Immune System Parameters in Ceramic Workers in TURKEY. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2017, 80, 688-696.	1.1	49

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19	The protective role of ferulic acid on sepsis-induced oxidative damage in Wistar albino rats. <i>Environmental Toxicology and Pharmacology</i> , 2014, 38, 774-782.	2.0	47
20	Assessment of DNA damage in workers occupationally exposed to pesticide mixtures by the alkaline comet assay. <i>Archives of Toxicology</i> , 2002, 76, 430-436.	1.9	46
21	In vitro immunomodulatory activity of verbascoside from <i>Nepeta ucrainical.</i> <i>Phytotherapy Research</i> , 2002, 16, 593-595.	2.8	45
22	The hCOMET project: International database comparison of results with the comet assay in human biomonitoring. Baseline frequency of DNA damage and effect of main confounders. <i>Mutation Research - Reviews in Mutation Research</i> , 2021, 787, 108371.	2.4	45
23	The antioxidant, cytotoxic, and antigenotoxic effects of galangin, puerarin, and ursolic acid in mammalian cells. <i>Drug and Chemical Toxicology</i> , 2017, 40, 256-262.	1.2	43
24	Modulating Effects of Pycnogenol® on Oxidative Stress and DNA Damage Induced by Sepsis in Rats. <i>Phytotherapy Research</i> , 2014, 28, 1692-1700.	2.8	42
25	Effects of phytochemicals against diabetes. <i>Advances in Food and Nutrition Research</i> , 2019, 89, 209-238.	1.5	41
26	The carotenoid lycopene protects rats against DNA damage induced by Ochratoxin A. <i>Toxicol</i> , 2013, 73, 96-103.	0.8	40
27	Assessment of DNA integrity (COMET assay) in sperm cells of boron-exposed workers. <i>Archives of Toxicology</i> , 2012, 86, 27-35.	1.9	38
28	Effects of boron compounds on human reproduction. <i>Archives of Toxicology</i> , 2020, 94, 717-724.	1.9	38
29	Monitoring of DNA damage in foundry and pottery workers exposed to silica by the alkaline comet assay. <i>American Journal of Industrial Medicine</i> , 2003, 43, 602-610.	1.0	36
30	Reproductive toxicity in boron exposed workers in Bandirma, Turkey. <i>Journal of Trace Elements in Medicine and Biology</i> , 2012, 26, 165-167.	1.5	36
31	Assessment of immunotoxicity and genotoxicity in workers exposed to low concentrations of formaldehyde. <i>Archives of Toxicology</i> , 2013, 87, 145-153.	1.9	36
32	DNA damage in circulating leukocytes measured with the comet assay may predict the risk of death. <i>Scientific Reports</i> , 2021, 11, 16793.	1.6	36
33	Lycopene: Is it Beneficial to Human Health as an Antioxidant?. <i>Turkish Journal of Pharmaceutical Sciences</i> , 2017, 14, 311-318.	0.6	36
34	Use of <i>in vitro</i> assays to assess the potential cytotoxic, genotoxic and antigenotoxic effects of vanillic and cinnamic acid. <i>Drug and Chemical Toxicology</i> , 2017, 40, 183-190.	1.2	35
35	Resveratrol Protects Sepsis-Induced Oxidative DNA Damage in Liver and Kidney of Rats. <i>Balkan Medical Journal</i> , 2016, 33, 594-601.	0.3	35
36	In vitro genotoxicity assessment of dinitroaniline herbicides pendimethalin and trifluralin. <i>Food and Chemical Toxicology</i> , 2018, 113, 90-98.	1.8	31

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37	Human Environmental and Occupational Exposures to Boric Acid: Reconciliation with Experimental Reproductive Toxicity Data. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2012, 75, 508-514.	1.1	30
38	Effects of silver sulfide quantum dots coated with 2-mercaptopropionic acid on genotoxic and apoptotic pathways in vitro. <i>Chemico-Biological Interactions</i> , 2018, 291, 212-219.	1.7	30
39	Exposure assessment of boron in BandĀrma boric acid production plant. <i>Journal of Trace Elements in Medicine and Biology</i> , 2012, 26, 161-164.	1.5	29
40	Immunomodulatory activities of some Turkish medicinal plants. <i>Phytotherapy Research</i> , 1997, 11, 609-611.	2.8	27
41	Is Boric Acid Toxic to Reproduction in Humans? Assessment of the Animal Reproductive Toxicity Data and Epidemiological Study Results. <i>Current Drug Delivery</i> , 2016, 13, 324-329.	0.8	26
42	Antioxidant and antigenotoxic effects of lycopene in obstructive jaundice. <i>Journal of Surgical Research</i> , 2013, 182, 285-295.	0.8	25
43	Boron and its compounds: current biological research activities. <i>Archives of Toxicology</i> , 2017, 91, 2719-2722.	1.9	25
44	Are all phytochemicals useful in the preventing of DNA damage?. <i>Food and Chemical Toxicology</i> , 2017, 109, 210-217.	1.8	21
45	Antigenotoxic properties of <i>Paliurus spina-christi</i> Mill fruits and their active compounds. <i>BMC Complementary and Alternative Medicine</i> , 2017, 17, 229.	3.7	21
46	Birth weights of newborns and pregnancy outcomes of environmentally boron-exposed females in Turkey. <i>Archives of Toxicology</i> , 2018, 92, 2475-2485.	1.9	20
47	Assessment of the cytotoxic, genotoxic, and antigenotoxic potential of PycnogenolĀ® in in vitro mammalian cells. <i>Food and Chemical Toxicology</i> , 2013, 61, 203-208.	1.8	19
48	Evaluation of FSH, LH, testosterone levels and semen parameters in male boron workers under extreme exposure conditions. <i>Archives of Toxicology</i> , 2018, 92, 3051-3059.	1.9	19
49	Systemic Administration of Interleukin-10 Attenuates Early Ischemic Response Following Spinal Cord Ischemia Reperfusion Injury in Rats. <i>Journal of Surgical Research</i> , 2009, 155, 345-356.	0.8	18
50	Effects of the probiotic agent <i>Saccharomyces Boulardii</i> on the DNA damage in acute necrotizing pancreatitis induced rats. <i>Human and Experimental Toxicology</i> , 2007, 26, 653-661.	1.1	17
51	Unpredictable adverse effects of herbal products. <i>Food and Chemical Toxicology</i> , 2022, 159, 112762.	1.8	17
52	Preventive role of PycnogenolĀ® against the hyperglycemia-induced oxidative stress and DNA damage in diabetic rats. <i>Food and Chemical Toxicology</i> , 2019, 124, 54-63.	1.8	16
53	Occupational Exposure to Metals and Solvents: Allergy and Airway Diseases. <i>Current Allergy and Asthma Reports</i> , 2020, 20, 38.	2.4	16
54	Assessment of Cytotoxicity Profiles of Different Phytochemicals: Comparison of Neutral Red and MTT Assays in Different Cells in Different Time Periods. <i>Turkish Journal of Pharmaceutical Sciences</i> , 2017, 14, 95-107.	0.6	16

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55	Assessment of DNA damage in welders using comet and micronucleus assays. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2019, 843, 40-45.	0.9	15
56	Immunotoxicological investigation in rats dosed repeatedly with combinations of cypermethrin, As(III), and Hg(II). <i>Toxicology</i> , 2002, 172, 59-67.	2.0	14
57	Alterations in immune parameters in foundry and pottery workers. <i>Toxicology</i> , 2002, 178, 81-88.	2.0	14
58	Assessment of DNA damage in ceramic workers. <i>Mutagenesis</i> , 2018, 33, 97-104.	1.0	14
59	Boron-exposed male workers in Turkey: no change in sperm Y:X chromosome ratio and in offspring's sex ratio. <i>Archives of Toxicology</i> , 2019, 93, 743-751.	1.9	11
60	Evaluation of the DNA damage in lymphocytes, sperm and buccal cells of workers under environmental and occupational boron exposure conditions. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2019, 843, 33-39.	0.9	11
61	An <i>In Vitro</i> Study on the Cytotoxicity and Genotoxicity of Silver Sulfide Quantum Dots Coated with Meso-2,3-dimercaptosuccinic Acid. <i>Turkish Journal of Pharmaceutical Sciences</i> , 2019, 16, 282-291.	0.6	10
62	Environmental boron exposure does not induce DNA damage in lymphocytes and buccal cells of females. <i>Journal of Trace Elements in Medicine and Biology</i> , 2019, 53, 150-153.	1.5	9
63	Evaluation of oxidative stress and immune parameters of boron exposed males and females. <i>Food and Chemical Toxicology</i> , 2020, 142, 111488.	1.8	9
64	Evaluation of the cytotoxic and genotoxic potential of lecithin/chitosan nanoparticles. <i>Journal of Nanoparticle Research</i> , 2014, 16, 1.	0.8	8
65	Lycopenes as Antioxidants in Gastrointestinal Diseases. , 2017, , 355-362.		7
66	The Ameliorative Effects of Pycnogenol® on Liver Ischemia-Reperfusion Injury in Rats. <i>Turkish Journal of Pharmaceutical Sciences</i> , 2017, 14, 257-263.	0.6	7
67	Can the ceramic industry be a new and hazardous sector for work-related asthma?. <i>Respiratory Medicine</i> , 2018, 137, 176-180.	1.3	6
68	Oxidative stress status of Turkish welders. <i>Toxicology and Industrial Health</i> , 2020, 36, 263-271.	0.6	6
69	Impact of selenium status on Aroclor 1254-induced DNA damage in sperm and different tissues of rats. <i>Toxicology Mechanisms and Methods</i> , 2018, 28, 252-261.	1.3	5
70	Protective Effects of Ursolic Acid in the Kidneys of Diabetic Rats. <i>Turkish Journal of Pharmaceutical Sciences</i> , 2018, 15, 166-170.	0.6	5
71	Interaction of curcumin on cisplatin cytotoxicity in HeLa and HepG2 carcinoma cells. <i>Istanbul Journal of Pharmacy</i> , 2020, 50, .	0.2	5
72	Comparative evaluation of the effects of bisphenol derivatives on oxidative stress parameters in HepG2 cells. <i>Drug and Chemical Toxicology</i> , 2023, 46, 314-322.	1.2	5

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73	The European Registered Toxicologist (ERT): Current status and prospects for advancement. Toxicology Letters, 2016, 259, 151-155.	0.4	4
74	Can ursolic acid be beneficial against diabetes in rats?. Biyokimya Dergisi, 2018, 43, 520-529.	0.1	4
75	The effects of thyme volatiles on the induction of DNA damage by the heterocyclic amine IQ and mitomycin C. Toxicology Letters, 2006, 164, S289.	0.4	1
76	Adverse effects and drug interactions of herbal medicines. Toxicology Letters, 2009, 189, S48.	0.4	1
77	Genotoxic and antigenotoxic effects of galangin. Toxicology Letters, 2014, 229, S148.	0.4	1
78	Effects of curcumin on cisplatin cytotoxicity in HepG2 cells. Toxicology Letters, 2017, 280, S83.	0.4	1
79	Immunomodulatory activities of some Turkish medicinal plants. , 1997, 11, 609.		1
80	Assessment of DNA damage by the alkaline comet assay in thyroid and breast cancer patients. Toxicology Letters, 2008, 180, S43.	0.4	0
81	Cytotoxicity of pycnogenol and resveratrol in CHO and HeLa cell lines. Toxicology Letters, 2013, 221, S143.	0.4	0
82	Effects of ferulic acid on oxidative stress parameters in livers and kidneys of Wistar albino rats. Toxicology Letters, 2014, 229, S243-S244.	0.4	0
83	Assessment of cytotoxicity of pycnogenol in HepG2 cells treated with cisplatin. Toxicology Letters, 2017, 280, S83.	0.4	0
84	Apoptosis induction by 2-mercaptopropionic acid (2-MPA)-coated silver sulfide QD in human A549 cells. Toxicology Letters, 2017, 280, S187.	0.4	0
85	Does storage conditions of whole blood or blood cells effect genotoxicity assessment by comet assay?. Food and Chemical Toxicology, 2021, 152, 112163.	1.8	0
86	Evaluation Of Health Status Of Turkish Ceramic Workers. Clinical and Experimental Health Sciences, 0, ..	0.1	0
87	Evaluation of the Possible Role of miRNAs in Chemical Allergen Potency. Turkish Journal of Pharmaceutical Sciences, 2020, 17, 452-456.	0.6	0