EÅref Demir

List of Publications by Year
in descending order

42 papers	1,300 citations	304743 22 h-index	361022 35 g-index
42 all docs	42 docs citations	42 times ranked	1592 citing authors

#	Article	IF	Citations
1	<scp><i>Drosophila melanogaster</i></scp> as a dynamic in vivo model organism reveals the hidden effects of interactions between microplastic/nanoplastic and heavy metals. Journal of Applied Toxicology, 2023, 43, 212-219.	2.8	10
2	Mechanisms and biological impacts of graphene and multiâ€walled carbon nanotubes on <scp><i>Drosophila melanogaster</i></scp>: Oxidative stress, genotoxic damage, phenotypic variations, locomotor behavior, parasitoid resistance, and cellular immune response. Journal of Applied Toxicology, 2022, 42, 450-474.	2.8	18
3	Drosophila as a Suitable In Vivo Model in the Safety Assessment of Nanomaterials. Advances in Experimental Medicine and Biology, 2022, 1357, 275-301.	1.6	12
4	Exposure to boron trioxide nanoparticles and ions cause oxidative stress, DNA damage, and phenotypic alterations in <scp><i>Drosophila melanogaster</i></scp> as an in vivo model. Journal of Applied Toxicology, 2022, 42, 1854-1867.	2.8	2
5	A review on nanotoxicity and nanogenotoxicity of different shapes of nanomaterials. Journal of Applied Toxicology, 2021, 41, 118-147.	2.8	47
6	Adverse biological effects of ingested polystyrene microplastics using Drosophila <i>melanogaster</i> as a model in vivo organism. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2021, 84, 649-660.	2.3	35
7	Toxicity mechanisms of nanoparticles in the male reproductive system. Drug Metabolism Reviews, 2021, 53, 604-617.	3.6	24
8	The potential use of Drosophila as an in vivo model organism for COVID-19-related research: a review. Turkish Journal of Biology, 2021, 45, 559-569.	0.8	4
9	<i>In vivo</i> evaluation of the toxic and genotoxic effects of exposure to cobalt nanoparticles using <i>Drosophila melanogaster</i>. Environmental Science: Nano, 2020, 7, 610-622.	4.3	34
10	<i>Drosophila</i> as a model for assessing nanopesticide toxicity. Nanotoxicology, 2020, 14, 1271-1279.	3.0	22
11	<i>An in vivo</i> study of nanorod, nanosphere, and nanowire forms of titanium dioxide using <i>Drosophila melanogaster</i>: toxicity, cellular uptake, oxidative stress, and DNA damage. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2020, 83, 456-469.	2.3	34
12	Interactions of graphene oxide and graphene nanoplatelets with the in vitro Caco-2/HT29 model of intestinal barrier. Scientific Reports, 2020, 10, 2793.	3.3	39
13	Cytotoxicity and genotoxicity of cadmium oxide nanoparticles evaluated using in vitro assays. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2020, 850-851, 503149.	1.7	27
14	Independent effects on cellular and humoral immune responses underlie genotype-by-genotype interactions between Drosophila and parasitoids. PLoS Pathogens, 2019, 15, e1008084.	4.7	7
15	DNA damage protection by bulk and nano forms of quercetin in lymphocytes of patients with chronic obstructive pulmonary disease exposed to the food mutagen 2-amino-3-methylimidazo [4,5-f]quinolone (IQ). Environmental Research, 2018, 166, 10-15.	7.5	10
16	Antigenotoxic potential of boron nitride nanotubes. Nanotoxicology, 2018, 12, 868-884.	3.0	27
17	Toxic and genotoxic effects of graphene and multi-walled carbon nanotubes. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2018, 81, 645-660.	2.3	24
18	Assessing the genotoxic effects of two lipid peroxidation products (4-oxo-2-nonenal and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 67 Td (4- Chemical Toxicology, 2017, 105, 1-7.	3.6	18

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19	Genotoxic effects of synthetic amorphous silica nanoparticles in the mouse lymphoma assay. Toxicology Reports, 2016, 3, 807-815.	3.3	18
20	Assessing potential harmful effects of CdSe quantum dots by using Drosophila melanogaster as in vivo model. Science of the Total Environment, 2015, 530-531, 66-75.	8.0	40
21	In vitro genotoxicity testing of carvacrol and thymol using the micronucleus and mouse lymphoma assays. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2015, 784-785, 37-44.	1.7	30
22	Genotoxic and cell-transforming effects of titanium dioxide nanoparticles. Environmental Research, 2015, 136, 300-308.	7.5	62
23	Antioxidant and antigenotoxic properties of CeO₂NPs and cerium sulphate: Studies with<i>Drosophila melanogaster</i>as a promising<i>in vivo</i>model. Nanotoxicology, 2015, 9, 749-759.	3.0	61
24	In vivo genotoxic effects of four different nano-sizes forms of silica nanoparticles in Drosophila melanogaster. Journal of Hazardous Materials, 2015, 283, 260-266.	12.4	42
25	Genotoxic effects of zinc oxide and titanium dioxide nanoparticles on root meristem cells of Allium cepa by comet assay. Turkish Journal of Biology, 2014, 38, 31-39.	0.8	80
26	Zinc oxide nanoparticles: Genotoxicity, interactions with UV-light and cell-transforming potential. Journal of Hazardous Materials, 2014, 264, 420-429.	12.4	63
27	Genotoxicity and DNA Repair Processes of Zinc Oxide Nanoparticles. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2014, 77, 1292-1303.	2.3	42
28	In vivo Genotoxicity of Four Synthetic Pyrethroids with Combinations of Piperonyl Butoxide (PBO) Using the Drosophila SMART Assay. Ekoloji, 2014, , 9-18.	0.4	4
29	In vivo genotoxicity assessment of titanium, zirconium and aluminium nanoparticles, and their microparticulated forms, in Drosophila. Chemosphere, 2013, 93, 2304-2310.	8.2	54
30	Determination of TiO₂, ZrO₂, and Al₂O₃Nanoparticles on Genotoxic Responses in Human Peripheral Blood Lymphocytes and Cultured Embyronic Kidney Cells. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2013, 76, 990-1002.	2.3	59
31	Mutagenic/recombinogenic effects of four lipid peroxidation products in Drosophila. Food and Chemical Toxicology, 2013, 53, 221-227.	3.6	19
32	Genotoxicity of cobalt nanoparticles and ions in<i>Drosophila</i>. Nanotoxicology, 2013, 7, 462-468.	3.0	61
33	Antigenotoxic Activities of Ascorbic acid, Chlorophyll a, and Chlorophyll b in Acrolein and Malondialdehyde-Induced Genotoxicity in Drosophila melanogaster. Ekoloji, 2013, , 36-42.	0.4	8
34	Genotoxicity studies in the ST cross of the Drosophila wing spot test of sunflower and soybean oils before and after frying and boiling procedures. Food and Chemical Toxicology, 2012, 50, 3619-3624.	3.6	7
35	Genotoxic analysis of silver nanoparticles in<i>Drosophila</i>. Nanotoxicology, 2011, 5, 417-424.	3.0	95
36	Genotoxic analysis of four lipid-peroxidation products in the mouse lymphoma assay. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2011, 726, 98-103.	1.7	28

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37	Induction of adaptive response in<i>Drosophila</i>after exposure to low doses of UVB. International Journal of Radiation Biology, 2010, 86, 957-963.	1.8	4
38	Assessment of genotoxic effects of benzyl derivatives by the comet assay. Food and Chemical Toxicology, 2010, 48, 1239-1242.	3.6	67
39	Insecticidal Activity of Some Synthetic Pyrethroids with Different Rates of Piperonyl Butoxide (PBO) Combinations on Drosophila melanogaster (Diptera: Drosophilidae). Ekoloji, 2010, 19, 27-32.	0.4	16
40	Antigenotoxic effects of <i>Citrus aurentium</i> L. fruit peel oil on mutagenicity of two alkylating agents and two metals in the Drosophila wing spot test. Environmental and Molecular Mutagenesis, 2009, 50, 483-488.	2.2	10
41	Genotoxicity testing of four benzyl derivatives in the Drosophila wing spot test. Food and Chemical Toxicology, 2008, 46, 1034-1041.	3.6	30
42	Analysis of UV-stimulated recombination in the Drosophila SMART assay. Environmental and Molecular Mutagenesis, 2006, 47, 357-361.	2.2	6