

Sefa Kucukler

List of Publications by Year in descending order

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57
papers

2,865
citations

126907

33
h-index

182427

51
g-index

57
all docs

57
docs citations

57
times ranked

2170
citing authors

#	ARTICLE	IF	CITATIONS
1	The protective effect of Morin against ifosfamide-induced acute liver injury in rats associated with the inhibition of DNA damage and apoptosis. <i>Drug and Chemical Toxicology</i> , 2022, 45, 1308-1317.	2.3	20
2	Morin mitigates ifosfamide induced nephrotoxicity by regulation of NF-kappaB/p53 and Bcl-2 expression. <i>Biotechnic and Histochemistry</i> , 2022, 97, 423-432.	1.3	3
3	Protective effect of chrysin on indomethacin induced gastric ulcer in rats: role of multi-pathway regulation. <i>Biotechnic and Histochemistry</i> , 2022, 97, 490-503.	1.3	12
4	Investigation of the effects of berberine on bortezomib-induced sciatic nerve and spinal cord damage in rats through pathways involved in oxidative stress and neuro-inflammation. <i>NeuroToxicology</i> , 2022, 89, 127-139.	3.0	17
5	Protective effects of gallic acid on doxorubicin-induced cardiotoxicity; an experimental study. <i>Archives of Physiology and Biochemistry</i> , 2021, 127, 258-265.	2.1	22
6	Protective Effects of Chrysin Against Oxidative Stress and Inflammation Induced by Lead Acetate in Rat Kidneys: a Biochemical and Histopathological Approach. <i>Biological Trace Element Research</i> , 2021, 199, 1501-1514.	3.5	65
7	Silymarin alleviates docetaxel-induced central and peripheral neurotoxicity by reducing oxidative stress, inflammation and apoptosis in rats. <i>Gene</i> , 2021, 769, 145239.	2.2	47
8	Protective Effects of Curcumin Against Paclitaxel-Induced Spinal Cord and Sciatic Nerve Injuries in Rats. <i>Neurochemical Research</i> , 2021, 46, 379-395.	3.3	48
9	The effects of hesperidin on colistin-induced reproductive damage, autophagy, and apoptosis by reducing oxidative stress. <i>Andrologia</i> , 2021, 53, e13900.	2.1	17
10	Attenuation of sodium arsenite-induced cardiotoxicity and neurotoxicity with the antioxidant, anti-inflammatory, and antiapoptotic effects of hesperidin. <i>Environmental Science and Pollution Research</i> , 2021, 28, 10818-10831.	5.3	39
11	The protective effect of Naringenin against ovalbumin-induced allergic rhinitis in rats. <i>European Archives of Oto-Rhino-Laryngology</i> , 2021, 278, 4839-4846.	1.6	7
12	Hesperidin protects against the chlorpyrifos-induced chronic hepato-renal toxicity in rats associated with oxidative stress, inflammation, apoptosis, autophagy, and up-regulation of PARP and VEGF. <i>Environmental Toxicology</i> , 2021, 36, 1600-1617.	4.0	50
13	Morin protects against acrylamide-induced neurotoxicity in rats: an investigation into different signal pathways. <i>Environmental Science and Pollution Research</i> , 2021, 28, 49808-49819.	5.3	34
14	Modulatory effects of carvacrol against cadmium-induced hepatotoxicity and nephrotoxicity by molecular targeting regulation. <i>Life Sciences</i> , 2021, 277, 119610.	4.3	28
15	Protective effects of rutin against deltamethrin-induced hepatotoxicity and nephrotoxicity in rats via regulation of oxidative stress, inflammation, and apoptosis. <i>Environmental Science and Pollution Research</i> , 2021, 28, 62975-62990.	5.3	18
16	Hesperidin protects liver and kidney against sodium fluoride-induced toxicity through anti-apoptotic and anti-autophagic mechanisms. <i>Life Sciences</i> , 2021, 281, 119730.	4.3	38
17	Ameliorative effect of hesperidin on streptozotocin-induced diabetes mellitus-induced testicular DNA damage and sperm quality degradation in Sprague-Dawley rats. <i>Journal of Food Biochemistry</i> , 2021, 45, e13938.	2.9	17
18	Protective effect of chrysin on cyclophosphamide-induced hepatotoxicity and nephrotoxicity via the inhibition of oxidative stress, inflammation, and apoptosis. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2020, 393, 325-337.	3.0	80

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19	Morin attenuates ifosfamide-induced neurotoxicity in rats via suppression of oxidative stress, neuroinflammation and neuronal apoptosis. <i>NeuroToxicology</i> , 2020, 76, 126-137.	3.0	73
20	Morin attenuates acrylamide-induced testicular toxicity in rats by regulating the NF- κ B, Bax/Bcl-2 and PI3K/Akt/mTOR signaling pathways. <i>Life Sciences</i> , 2020, 261, 118301.	4.3	52
21	Quercetin provides protection against the peripheral nerve damage caused by vincristine in rats by suppressing caspase 3, NF- κ B, ATF-6 pathways and activating Nrf2, Akt pathways. <i>NeuroToxicology</i> , 2020, 81, 137-146.	3.0	54
22	Neuroprotective effect of chrysin on isoniazid-induced neurotoxicity via suppression of oxidative stress, inflammation and apoptosis in rats. <i>NeuroToxicology</i> , 2020, 81, 197-208.	3.0	32
23	Zingerone attenuates vancomycin-induced hepatotoxicity in rats through regulation of oxidative stress, inflammation and apoptosis. <i>Life Sciences</i> , 2020, 259, 118382.	4.3	41
24	Lycopene protects against central and peripheral neuropathy by inhibiting oxaliplatin-induced ATF-6 pathway, apoptosis, inflammation and oxidative stress in brains and sciatic tissues of rats. <i>NeuroToxicology</i> , 2020, 80, 29-40.	3.0	45
25	Neuroprotective effect of rutin against colistin-induced oxidative stress, inflammation and apoptosis in rat brain associated with the CREB/BDNF expressions. <i>Molecular Biology Reports</i> , 2020, 47, 2023-2034.	2.3	74
26	Protective effects of morin against acrylamide-induced hepatotoxicity and nephrotoxicity: A multi-biomarker approach. <i>Food and Chemical Toxicology</i> , 2020, 138, 111190.	3.6	104
27	Protective effect of rutin on mercuric chloride-induced reproductive damage in male rats. <i>Andrologia</i> , 2020, 52, e13524.	2.1	51
28	The investigation of the effect of fraxin on hepatotoxicity induced by cisplatin in rats. <i>Iranian Journal of Basic Medical Sciences</i> , 2020, 23, 1382-1387.	1.0	5
29	Protective Effect of Hesperidin on Sodium Arsenite-Induced Nephrotoxicity and Hepatotoxicity in Rats. <i>Biological Trace Element Research</i> , 2019, 189, 95-108.	3.5	83
30	Rutin ameliorates mercuric chloride-induced hepatotoxicity in rats via interfering with oxidative stress, inflammation and apoptosis. <i>Journal of Trace Elements in Medicine and Biology</i> , 2019, 56, 60-68.	3.0	96
31	The antiapoptotic and antioxidant effects of eugenol against cisplatin-induced testicular damage in the experimental model. <i>Andrologia</i> , 2019, 51, e13353.	2.1	28
32	Palliative effect of curcumin on doxorubicin-induced testicular damage in male rats. <i>Journal of Biochemical and Molecular Toxicology</i> , 2019, 33, e22384.	3.0	30
33	The effects of zingerone against vancomycin-induced lung, liver, kidney and testis toxicity in rats: The behavior of some metabolic enzymes. <i>Journal of Biochemical and Molecular Toxicology</i> , 2019, 33, e22381.	3.0	64
34	Protective effects of zingerone on cisplatin-induced nephrotoxicity in female rats. <i>Environmental Science and Pollution Research</i> , 2019, 26, 22562-22574.	5.3	56
35	Protective effect of morin on doxorubicin-induced hepatorenal toxicity in rats. <i>Chemico-Biological Interactions</i> , 2019, 308, 89-100.	4.0	55
36	Rutin protects mercuric chloride-induced nephrotoxicity via targeting of aquaporin 1 level, oxidative stress, apoptosis and inflammation in rats. <i>Journal of Trace Elements in Medicine and Biology</i> , 2019, 54, 69-78.	3.0	87

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37	The amendatory effect of hesperidin and thymol in allergic rhinitis: an ovalbumin-induced rat model. <i>European Archives of Oto-Rhino-Laryngology</i> , 2019, 276, 407-415.	1.6	22
38	The effects of hesperidin on sodium arsenite-induced different organ toxicity in rats on metabolic enzymes as antidiabetic and anticholinergics potentials: A biochemical approach. <i>Journal of Food Biochemistry</i> , 2019, 43, e12720.	2.9	125
39	Effect of chrysin on methotrexate-induced testicular damage in rats. <i>Andrologia</i> , 2019, 51, e13145.	2.1	40
40	Curcumin ameliorates doxorubicin-induced cardiotoxicity by abrogation of inflammation, apoptosis, oxidative DNA damage, and protein oxidation in rats. <i>Journal of Biochemical and Molecular Toxicology</i> , 2018, 32, e22030.	3.0	113
41	Chemoprotective effects of curcumin on doxorubicin-induced nephrotoxicity in wistar rats: by modulating inflammatory cytokines, apoptosis, oxidative stress and oxidative DNA damage. <i>Archives of Physiology and Biochemistry</i> , 2018, 124, 448-457.	2.1	83
42	Zingerone ameliorates cisplatin-induced ovarian and uterine toxicity via suppression of sex hormone imbalances, oxidative stress, inflammation and apoptosis in female wistar rats. <i>Biomedicine and Pharmacotherapy</i> , 2018, 102, 517-530.	5.6	97
43	Preventive effects of hesperidin on diabetic nephropathy induced by streptozotocin via modulating TGF- β 1 and oxidative DNA damage. <i>Toxin Reviews</i> , 2018, 37, 287-293.	3.4	38
44	Improvement in colistin-induced reproductive damage, apoptosis, and autophagy in testes via reducing oxidative stress by chrysin. <i>Journal of Biochemical and Molecular Toxicology</i> , 2018, 32, e22201.	3.0	29
45	Investigation of the effects of hesperidin and chrysin on renal injury induced by colistin in rats. <i>Biomedicine and Pharmacotherapy</i> , 2018, 108, 1607-1616.	5.6	39
46	The ameliorative effect of berberine and coenzyme Q10 in an ovalbumin-induced allergic rhinitis model. <i>European Archives of Oto-Rhino-Laryngology</i> , 2018, 275, 2495-2505.	1.6	16
47	Naringin protects against cyclophosphamide-induced hepatotoxicity and nephrotoxicity through modulation of oxidative stress, inflammation, apoptosis, autophagy, and DNA damage. <i>Environmental Science and Pollution Research</i> , 2018, 25, 20968-20984.	5.3	138
48	Therapeutic efficacy of zingerone against vancomycin-induced oxidative stress, inflammation, apoptosis and aquaporin 1 permeability in rat kidney. <i>Biomedicine and Pharmacotherapy</i> , 2018, 105, 981-991.	5.6	94
49	Morin attenuates doxorubicin-induced heart and brain damage by reducing oxidative stress, inflammation and apoptosis. <i>Biomedicine and Pharmacotherapy</i> , 2018, 106, 443-453.	5.6	118
50	The effects of casticin and myricetin on liver damage induced by methotrexate in rats. <i>Iranian Journal of Basic Medical Sciences</i> , 2018, 21, 1281-1288.	1.0	25
51	Beneficial Effects of Ozone Therapy on Oxidative Stress, Cardiac Functions and Clinical Findings in Patients with Heart Failure Reduced Ejection Fraction. <i>Cardiovascular Toxicology</i> , 2017, 17, 426-433.	2.7	17
52	Therapeutic effects of silymarin and naringin on methotrexate-induced nephrotoxicity in rats: Biochemical evaluation of anti-inflammatory, antiapoptotic, and antiautophagic properties. <i>Journal of Food Biochemistry</i> , 2017, 41, e12398.	2.9	96
53	Restorative effects of Chrysin pretreatment on oxidant-antioxidant status, inflammatory cytokine production, and apoptotic and autophagic markers in acute paracetamol-induced hepatotoxicity in rats: An experimental and biochemical study. <i>Journal of Biochemical and Molecular Toxicology</i> , 2017, 31, e21960.	3.0	57
54	Chrysin Protects Rat Kidney from Paracetamol-Induced Oxidative Stress, Inflammation, Apoptosis, and Autophagy: A Multi-Biomarker Approach. <i>Scientia Pharmaceutica</i> , 2017, 85, 4.	2.0	79

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55	Ameliorative Effect of Carvacrol on Cisplatin-Induced Reproductive Damage in Male Rats. Journal of Biochemical and Molecular Toxicology, 2016, 30, 513-520.	3.0	33
56	The possible role of interleukin-33 as a new player in the pathogenesis of contrast-induced nephropathy in diabetic rats. Renal Failure, 2016, 38, 952-960.	2.1	13
57	Ratlarda Kadmiyum Kaynaklı Mide Toksisitesine Karşı Karvakrolün Etkileri. Türk Doğa Ve Fen Dergisi, 0, 12-18.	0.5	1