

# Sefa Kucukler

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6330279/publications.pdf>

Version: 2024-02-01

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	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
2	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
3	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
4	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
5	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
6	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
7	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
8	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
9	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
10	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
11	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
12	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
13	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
14	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
15	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
16	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
17	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
18	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

#	ARTICLE	IF	CITATIONS
19	Restorative effects of Chrysin pretreatment on oxidantâ€“antioxidant status, inflammatory cytokine production, and apoptotic and autophagic markers in acute paracetamolâ€“induced hepatotoxicity in rats: An experimental and biochemical study. <i>Journal of Biochemical and Molecular Toxicology</i> , 2017, 31, e21960.	3.0	57
20	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
21	Protective effect of morin on doxorubicin-induced hepatorenal toxicity in rats. <i>Chemico-Biological Interactions</i> , 2019, 308, 89-100.	4.0	55
22	Quercetin provides protection against the peripheral nerve damage caused by vincristine in rats by suppressing caspase 3, NF- $\kappa$ B, ATF-6 pathways and activating Nrf2, Akt pathways. <i>NeuroToxicology</i> , 2020, 81, 137-146.	3.0	54
23	Morin attenuates acrylamide-induced testicular toxicity in rats by regulating the NF- $\kappa$ B, Bax/Bcl-2 and PI3K/Akt/mTOR signaling pathways. <i>Life Sciences</i> , 2020, 261, 118301.	4.3	52
24	Protective effect of rutin on mercuric chlorideâ€“induced reproductive damage in male rats. <i>Andrologia</i> , 2020, 52, e13524.	2.1	51
25	Hesperidin protects against the chlorpyrifosâ€“induced chronic hepatoâ€“renal toxicity in rats associated with oxidative stress, inflammation, apoptosis, autophagy, and upâ€“regulation of <i>PARP</i> and <i>VEGF</i> . <i>Environmental Toxicology</i> , 2021, 36, 1600-1617.	4.0	50
26	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
27	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
28	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
29	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
30	Effect of chrysin on methotrexate-induced testicular damage in rats. <i>Andrologia</i> , 2019, 51, e13145.	2.1	40
31	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
32	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
33	Preventive effects of hesperidin on diabetic nephropathy induced by streptozotocin via modulating TGF- $\beta$ 1 and oxidative DNA damage. <i>Toxin Reviews</i> , 2018, 37, 287-293.	3.4	38
34	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
35	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
36	Ameliorative Effect of Carvacrol on Cisplatin-Induced Reproductive Damage in Male Rats. <i>Journal of Biochemical and Molecular Toxicology</i> , 2016, 30, 513-520.	3.0	33

#	ARTICLE	IF	CITATIONS
37	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
38	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
39	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
40	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
41	Modulatory effects of carvacrol against cadmium-induced hepatotoxicity and nephrotoxicity by molecular targeting regulation. <i>Life Sciences</i> , 2021, 277, 119610.	4.3	28
42	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
43	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
44	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
45	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
46	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
47	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
48	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
49	Ameliorative effect of hesperidin on streptozotocin-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
50	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
51	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
52	The possible role of interleukin-33 as a new player in the pathogenesis of contrast-induced nephropathy in diabetic rats. <i>Renal Failure</i> , 2016, 38, 952-960.	2.1	13
53	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
54	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

#	ARTICLE	IF	CITATIONS
55	The investigation of the effect of fraxin on hepatotoxicity induced by cisplatin in rats. Iranian Journal of Basic Medical Sciences, 2020, 23, 1382-1387.	1.0	5
56	Morin mitigates ifosfamide induced nephrotoxicity by regulation of NF-kappaB/p53 and Bcl-2 expression. Biotechnic and Histochemistry, 2022, 97, 423-432.	1.3	3
57	Ratlarda Kadmiyum KaynaklÄ± Mide Toksisitesine KarÅŸÄ± Karvakrolâ€™un Etkileri. TÃ¼rk DoÄŸa Ve Fen Dergisi, 0, 12-18.	0.5	1