

# Fatih Mehmet M Kandemir

## List of Publications by Year in descending order

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92  
papers

3,585  
citations

101496  
36  
h-index

161767  
54  
g-index

93  
all docs

93  
docs citations

93  
times ranked

2620  
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.	2.7	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.	1.2	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.	2.5	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.	1.4	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.	1.8	104
6	The antidiabetic and anticholinergic effects of chrysin on cyclophosphamide-induced multiple organ toxicity in rats: Pharmacological evaluation of some metabolic enzyme activities. <i>Journal of Biochemical and Molecular Toxicology</i> , 2019, 33, e22313.	1.4	101
7	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.	2.5	97
8	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.	1.2	96
9	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.	1.5	96
10	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.	2.5	94
11	Rutin attenuates gentamicin-induced renal damage by reducing oxidative stress, inflammation, apoptosis, and autophagy in rats. <i>Renal Failure</i> , 2015, 37, 518-525.	0.8	90
12	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.	1.5	87
13	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.	1.0	83
14	Protective Effect of Hesperidin on Sodium Arsenite-Induced Nephrotoxicity and Hepatotoxicity in Rats. <i>Biological Trace Element Research</i> , 2019, 189, 95-108.	1.9	83
15	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.	1.4	80
16	Chrysin Protects Rat Kidney from Paracetamol-Induced Oxidative Stress, Inflammation, Apoptosis, and Autophagy: A Multi-Biomarker Approach. <i>Scientia Pharmaceutica</i> , 2017, 85, 4.	0.7	79
17	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.	1.0	74
18	Morin attenuates ifosfamide-induced neurotoxicity in rats via suppression of oxidative stress, neuroinflammation and neuronal apoptosis. <i>NeuroToxicology</i> , 2020, 76, 126-137.	1.4	73

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19	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.	1.9	65
20	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.	1.4	64
21	Inhibition effects of some pesticides and heavy metals on carbonic anhydrase enzyme activity purified from horse mackerel ( <i>Trachurus trachurus</i> ) gill tissues. <i>Environmental Science and Pollution Research</i> , 2020, 27, 10607-10616.	2.7	63
22	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.	1.4	57
23	Protective effects of zingerone on cisplatin-induced nephrotoxicity in female rats. <i>Environmental Science and Pollution Research</i> , 2019, 26, 22562-22574.	2.7	56
24	Protective effect of morin on doxorubicin-induced hepatorenal toxicity in rats. <i>Chemico-Biological Interactions</i> , 2019, 308, 89-100.	1.7	55
25	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.	1.4	54
26	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.	2.0	52
27	Protective effect of rutin on mercuric chloride-induced reproductive damage in male rats. <i>Andrologia</i> , 2020, 52, e13524.	1.0	51
28	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.	2.1	50
29	Protective Effects of Curcumin Against Paclitaxel-Induced Spinal Cord and Sciatic Nerve Injuries in Rats. <i>Neurochemical Research</i> , 2021, 46, 379-395.	1.6	48
30	Silymarin alleviates docetaxel-induced central and peripheral neurotoxicity by reducing oxidative stress, inflammation and apoptosis in rats. <i>Gene</i> , 2021, 769, 145239.	1.0	47
31	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.	1.4	45
32	Beneficial effects of lycopene against contrast medium-induced oxidative stress, inflammation, autophagy, and apoptosis in rat kidney. <i>Human and Experimental Toxicology</i> , 2015, 34, 487-496.	1.1	44
33	Investigation of the effects of hesperidin administration on abamectin-induced testicular toxicity in rats through oxidative stress, endoplasmic reticulum stress, inflammation, apoptosis, autophagy, and JAK2/STAT3 pathways. <i>Environmental Toxicology</i> , 2022, 37, 401-412.	2.1	43
34	Zingerone attenuates vancomycin-induced hepatotoxicity in rats through regulation of oxidative stress, inflammation and apoptosis. <i>Life Sciences</i> , 2020, 259, 118382.	2.0	41
35	Chrysin protects against testicular toxicity caused by lead acetate in rats with its antioxidant, anti-inflammatory, and antiapoptotic properties. <i>Journal of Food Biochemistry</i> , 2021, 45, e13593.	1.2	41
36	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.	2.5	39

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37	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.	2.7	39
38	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.	1.5	38
39	Hesperidin protects liver and kidney against sodium fluoride-induced toxicity through anti-apoptotic and anti-autophagic mechanisms. <i>Life Sciences</i> , 2021, 281, 119730.	2.0	38
40	Purification and characterization of the carbonic anhydrase enzyme from horse mackerel ( <i>Trachurus</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf <i>Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2019, 226, 108605.	1.3	37
41	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.	2.7	34
42	Ameliorative Effect of Carvacrol on Cisplatin-Induced Reproductive Damage in Male Rats. <i>Journal of Biochemical and Molecular Toxicology</i> , 2016, 30, 513-520.	1.4	33
43	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.	1.4	32
44	The protective effects of hesperidin against paclitaxel-induced peripheral neuropathy in rats. <i>Life Sciences</i> , 2021, 287, 120104.	2.0	31
45	Palliative effect of curcumin on doxorubicin-induced testicular damage in male rats. <i>Journal of Biochemical and Molecular Toxicology</i> , 2019, 33, e22384.	1.4	30
46	Evaluation of Therapeutic Effects of Quercetin Against Achilles Tendinopathy in Rats via Oxidative Stress, Inflammation, Apoptosis, Autophagy, and Metalloproteinases. <i>American Journal of Sports Medicine</i> , 2022, 50, 486-498.	1.9	30
47	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.	1.4	29
48	Modulatory effects of carvacrol against cadmium-induced hepatotoxicity and nephrotoxicity by molecular targeting regulation. <i>Life Sciences</i> , 2021, 277, 119610.	2.0	28
49	Evaluation of hormonal change, biochemical parameters, and histopathological status of uterus in rats exposed to 50-Hz electromagnetic field. <i>Toxicology and Industrial Health</i> , 2009, 25, 153-158.	0.6	27
50	Evaluation of oxidative stress in sheep infected with <i>Psoroptes ovis</i> using total antioxidant capacity, total oxidant status, and malondialdehyde level. <i>Journal of Veterinary Research (Poland)</i> , 2017, 61, 197-201.	0.3	27
51	Rutin protects rat liver and kidney from sodium valproate-induced damage by attenuating oxidative stress, ER stress, inflammation, apoptosis and autophagy. <i>Molecular Biology Reports</i> , 2022, 49, 6063-6074.	1.0	26
52	Evaluation of oxidative stress, inflammation, apoptosis, oxidative DNA damage and metalloproteinases in the lungs of rats treated with cadmium and carvacrol. <i>Molecular Biology Reports</i> , 2022, 49, 1201-1211.	1.0	25
53	Investigation of the anti-inflammatory effects of caffeic acid phenethyl ester in a model of $\lambda$ -Carrageenan-induced paw edema in rats. <i>Human and Experimental Toxicology</i> , 2021, 40, S721-S738.	1.1	25
54	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.	0.8	22

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55	Protective effects of gallic acid on doxorubicin-induced cardiotoxicity; an experimental study. <i>Archives of Physiology and Biochemistry</i> , 2021, 127, 258-265.	1.0	22
56	Neuromodulatory effects of hesperidin against sodium fluoride-induced neurotoxicity in rats: Involvement of neuroinflammation, endoplasmic reticulum stress, apoptosis and autophagy. <i>NeuroToxicology</i> , 2022, 90, 197-204.	1.4	22
57	Neuroprotective effects of 18Î²-glycyrrhetic acid against bisphenol A-induced neurotoxicity in rats: involvement of neuronal apoptosis, endoplasmic reticulum stress and JAK1/STAT1 signaling pathway. <i>Metabolic Brain Disease</i> , 2022, 37, 1931-1940.	1.4	21
58	Changes in the Rate of Lipid Peroxidation in Plasma and Selected Blood Antioxidants before and during Pregnancy in Ewes. <i>Acta Veterinaria Brno</i> , 2009, 78, 237-242.	0.2	20
59	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.	1.2	20
60	Total oxidant and antioxidant capacities, nitric oxide and malondialdehyde levels in cats seropositive for the feline coronavirus. <i>Veterinarni Medicina</i> , 2015, 60, 274-281.	0.2	18
61	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.	2.7	18
62	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.	1.1	17
63	The effects of hesperidin on colistin-induced reproductive damage, autophagy, and apoptosis by reducing oxidative stress. <i>Andrologia</i> , 2021, 53, e13900.	1.0	17
64	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.	1.2	17
65	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.	1.4	17
66	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.	0.8	16
67	Hesperidin Attenuates Oxidative Stress, Inflammation, Apoptosis, and Cardiac Dysfunction in Sodium Fluoride-Induced Cardiotoxicity in Rats. <i>Cardiovascular Toxicology</i> , 2022, 22, 727-735.	1.1	16
68	The effects of chrysin and naringin on cyclophosphamide-induced erythrocyte damage in rats: biochemical evaluation of some enzyme activities in vivo and in vitro. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2021, 394, 645-654.	1.4	15
69	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.	0.8	13
70	Influence of vitamin E and vitamin E-selenium combination on arginase activity, nitric oxide level and some spermatological properties in ram semen. <i>Reproduction in Domestic Animals</i> , 2020, 55, 162-169.	0.6	13
71	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.	0.7	12
72	The use of inflammatory markers as a diagnostic and prognostic approach in neonatal calves with septicaemia. <i>Acta Veterinaria Hungarica</i> , 2019, 67, 360-376.	0.2	11

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73	Protective effect of naringin against oxaliplatin-induced peripheral neuropathy in rats: A behavioral and molecular study. <i>Journal of Biochemical and Molecular Toxicology</i> , 2022, 36, .	1.4	10
74	Evaluation of the role of L-arginine on spermatological parameters, seminal plasma nitric oxide levels and arginase enzyme activities in rams. <i>Andrologia</i> , 2020, 52, e13439.	1.0	9
75	Evaluation of arginase activity, nitric oxide and oxidative stress status in sheep with contagious agalactia. <i>Acta Veterinaria Hungarica</i> , 2017, 65, 394-401.	0.2	8
76	Chemoprotective Effects of Propolis on Aflatoxin B1-Induced Hepatotoxicity in Rats: Oxidative Damage and Hepatotoxicity by Modulating TP53, Oxidative Stress. <i>Current Proteomics</i> , 2020, 17, 191-199.	0.1	8
77	Evaluation of the toxicological effects of favipiravir (T-705) on liver and kidney in rats: biochemical and histopathological approach. <i>Drug and Chemical Toxicology</i> , 2023, 46, 546-556.	1.2	8
78	The protective effect of Naringenin against ovalbumin-induced allergic rhinitis in rats. <i>European Archives of Oto-Rhino-Laryngology</i> , 2021, 278, 4839-4846.	0.8	7
79	Cardiac Troponin-I Concentration In Weaned Calves With Bovine Respiratory Disease. <i>Acta Veterinaria</i> , 2015, 65, 454-462.	0.2	6
80	The changes in semen quality, arginase activity and nitric oxide level in dexamethasone-treated rams. <i>Andrologia</i> , 2020, 52, e13464.	1.0	5
81	Relationship between seminal plasma arginase activity and semen quality in Saanen bucks. <i>Small Ruminant Research</i> , 2011, 97, 83-87.	0.6	4
82	Relationships between seminal plasma arginase activity and spermatological parameters in rams. <i>Andrologia</i> , 2012, 44, 86-91.	1.0	4
83	Chemotherapeutic Agent-induced Nephrotoxicity in Rabbits: Protective Role of Grape Seed Extract. <i>International Journal of Pharmacology</i> , 2011, 8, 39-45.	0.1	4
84	Effectiveness of levamisole and tarantula cubensis extract in the treatment of teat Papillomatosis of cows. <i>Indian Journal of Animal Research</i> , 2015, , .	0.0	3
85	Morin mitigates ifosfamide induced nephrotoxicity by regulation of NF-kappaB/p53 and Bcl-2 expression. <i>Biotechnic and Histochemistry</i> , 2022, 97, 423-432.	0.7	3
86	Sisplatin ile Karaciğer Toksikitesi Geliştirilen Ratlarda Zingeron'un Bazı Biyokimyasal Parametreler Açzerine Etkisinin Araştırılması. <i>Kocatepe Veteriner Dergisi</i> , 0, , .	0.2	1
87	Erkek Ratlarda Gentamisin'in İndüklendiği Açzereme Hasarına Karşı Karahindiba (Taraxatum officinale) Ekstresinin Koruyucu Etkisi. <i>Kafkas Üniversitesi Veteriner Fakültesi Dergisi</i> , 2016, , .	0.0	1
88	Effects of In-Ovo Rutin Injection to Fertile Japanese Quail (Coturnix Coturnix Japonica) Egg on Hatchability, Embryonic Death, Hatchling Weight, and Hatchling Liver Oxidative and Nitrosative Stress. <i>Brazilian Journal of Poultry Science</i> , 2019, 21, .	0.3	1
89	L-Kanavanin ve L-Lizin'in Koyun Dalak Doku Arginaz Aktivitesi Açzerine İnhibisyon Etkisi. <i>Kafkas Üniversitesi Veteriner Fakültesi Dergisi</i> , 2014, , .	0.0	0
90	Changes in arginase activity and AST enzyme levels in the cardiac and skeletal muscle and liver of lambs with white muscle disease. <i>Turkish Journal of Veterinary and Animal Sciences</i> , 2015, 39, 611-614.	0.2	0

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91	Some Kinetic Properties of Arginase in Sheep Spleen Tissue. Kafkas Üniversitesi Veteriner Fakültesi Dergisi, 2009, , .	0.0	0
92	Ratlarda diklofenak ile indâ¼klenen kardiyotoksisite Ã¼zerine krisinin etkilerinin oksidatif stres, endoplazmik retikulum stresi ve apoptoz belirteÅleri ile deÃerlendirilmesi. Kocatepe Veteriner Dergisi, 0, , .	0.2	0