

# Serkan Yıldırım

## List of Publications by Year in descending order

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89  
papers

2,208  
citations

236925

25  
h-index

265206

42  
g-index

89  
all docs

89  
docs citations

89  
times ranked

2206  
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	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
3	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
4	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
5	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
6	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
7	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
8	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
9	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
10	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
11	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
12	Protective effect of morin on doxorubicin-induced hepatorenal toxicity in rats. <i>Chemico-Biological Interactions</i> , 2019, 308, 89-100.	4.0	55
13	Protective effect of rutin on mercuric chloride-induced reproductive damage in male rats. <i>Andrologia</i> , 2020, 52, e13524.	2.1	51
14	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
15	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.	2.9	41
16	Effect of chrysin on methotrexate-induced testicular damage in rats. <i>Andrologia</i> , 2019, 51, e13145.	2.1	40
17	The Effects of Selenium in Acrylamide-Induced Nephrotoxicity in Rats: Roles of Oxidative Stress, Inflammation, Apoptosis, and DNA Damage. <i>Biological Trace Element Research</i> , 2021, 199, 173-184.	3.5	40
18	The protective effects of naringin against 5-fluorouracil-induced hepatotoxicity and nephrotoxicity in rats. <i>Iranian Journal of Basic Medical Sciences</i> , 2018, 21, 404-410.	1.0	40

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19	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
20	Cadmium sulfide-induced toxicity in the cortex and cerebellum: In vitro and in vivo studies. <i>Toxicology Reports</i> , 2020, 7, 637-648.	3.3	36
21	The protective effects of hesperidin and curcumin on 5-fluorouracil-induced nephrotoxicity in mice. <i>Environmental Science and Pollution Research</i> , 2021, 28, 47046-47055.	5.3	33
22	An Investigation of Protective Effects of Litium Borate on Blood and Histopathological Parameters in Acute Cadmium-Induced Rats. <i>Biological Trace Element Research</i> , 2018, 182, 287-294.	3.5	31
23	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
24	Protective effect of gallic acid against cisplatin-induced ototoxicity in rats. <i>Brazilian Journal of Otorhinolaryngology</i> , 2019, 85, 267-274.	1.0	29
25	Nephroprotective effect of ferulic acid on gentamicin-induced nephrotoxicity in female rats. <i>Drug and Chemical Toxicology</i> , 2022, 45, 663-669.	2.3	29
26	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
27	Protective effect of <i>Silybum marianum</i> and <i>Taraxacum officinale</i> extracts against oxidative kidney injuries induced by carbon tetrachloride in rats. <i>Renal Failure</i> , 2017, 39, 1-6.	2.1	26
28	Protective effect and antioxidant role of sweetgum ( <i>Liquidambar orientalis</i> ) oil against carbon tetrachloride-induced hepatotoxicity and oxidative stress in rats. <i>Pharmaceutical Biology</i> , 2016, 54, 451-457.	2.9	25
29	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
30	The effectiveness of eugenol against cisplatin-induced ototoxicity. <i>Brazilian Journal of Otorhinolaryngology</i> , 2019, 85, 766-773.	1.0	24
31	Gastroprotective effects of oleuropein and thymol on indomethacin-induced gastric ulcer in Sprague-Dawley rats. <i>Drug and Chemical Toxicology</i> , 2020, 43, 441-453.	2.3	24
32	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
33	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
34	Effects of Rosemary ( <i>Rosmarinus officinalis</i> ) extract on growth, blood biochemistry, immunity, antioxidant, digestive enzymes and liver histopathology of rainbow trout, <i>Oncorhynchus mykiss</i> . <i>Aquaculture Nutrition</i> , 2020, 26, 1533-1541.	2.7	21
35	Is sodium carboxymethyl cellulose (CMC) really completely innocent? It may be triggering obesity. <i>International Journal of Biological Macromolecules</i> , 2020, 163, 2465-2473.	7.5	21
36	Antioxidant properties of <i>Ferulago angulata</i> and its hepatoprotective effect against N-nitrosodimethylamine-induced oxidative stress in rats. <i>Pharmaceutical Biology</i> , 2017, 55, 888-897.	2.9	20

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37	The effect of PDE5 inhibitors on bone and oxidative damage in ovariectomy-induced osteoporosis. <i>Experimental Biology and Medicine</i> , 2017, 242, 1051-1061.	2.4	20
38	Impact of high-dose oleuropein on cisplatin-induced oxidative stress, genotoxicity and pathological changes in rat stomach and lung. <i>Journal of Asian Natural Products Research</i> , 2017, 19, 1214-1231.	1.4	20
39	The synergic toxicity of temperature increases and nanopolystyrene on zebrafish brain implies that global warming may worsen the current risk based on plastic debris. <i>Science of the Total Environment</i> , 2022, 808, 152092.	8.0	20
40	The effects on brown trout ( <i>Salmo trutta fario</i> ) of different concentrations of deltamethrin. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2019, 226, 108606.	2.6	18
41	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
42	Effects of curcumin on sperm quality, lipid profile, antioxidant activity and histopathological changes in streptozotocin-induced diabetes in rats. <i>Andrologia</i> , 2020, 52, e13584.	2.1	16
43	Effects of prolonged fasting on levels of metabolites, oxidative stress, immune-related gene expression, histopathology, and DNA damage in the liver and muscle tissues of rainbow trout ( <i>Oncorhynchus mykiss</i> ). <i>Fish Physiology and Biochemistry</i> , 2021, 47, 1119-1132.	2.3	16
44	The potential effect mechanism of high-fat and high-carbohydrate diet-induced obesity on anxiety and offspring of zebrafish. <i>Eating and Weight Disorders</i> , 2022, 27, 163-177.	2.5	15
45	Effects of the Phosphodiesterase-5 (PDE-5) Inhibitors, Avanafil and Zaprinast, on Bone Remodeling and Oxidative Damage in a Rat Model of Glucocorticoid-Induced Osteoporosis. <i>Medical Science Monitor Basic Research</i> , 2018, 24, 47-58.	2.6	14
46	The efficacy of oleuropein against non-steroidal anti-inflammatory drug induced toxicity in rat kidney. <i>Environmental Toxicology</i> , 2019, 34, 67-72.	4.0	13
47	Potential Neurotoxic Effects of Glioblastoma-Derived Exosomes in Primary Cultures of Cerebellar Neurons via Oxidant Stress and Glutathione Depletion. <i>Antioxidants</i> , 2022, 11, 1225.	5.1	13
48	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
49	The effects of light sources with different spectral structures on ocular axial length in rainbow trout ( <i>Oncorhynchus mykiss</i> ). <i>Experimental Eye Research</i> , 2016, 151, 212-221.	2.6	11
50	Hydrogen-Rich Water Alleviates the Nickel-Induced Toxic Responses (Inflammatory Responses,) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 22 Element Research</i> , 2022, 200, 3442-3452.	3.5	11
51	Detection of Se, Vit. E, Vit. A, MDA, 8-OHdG, and CoQ10 Levels and Histopathological Changes in Heart Tissue in Sheep with White Muscle Disease. <i>Biological Trace Element Research</i> , 2019, 188, 419-423.	3.5	10
52	The effect of evening primrose oil ( <i>Oenothera biennis</i> ) on the level of adiponectin and some biochemical parameters in rats with fructose induced metabolic syndrome. <i>Archives of Physiology and Biochemistry</i> , 2020, , 1-9.	2.1	10
53	Investigation of the protective role of chrysin within the framework of oxidative and inflammatory markers in experimental testicular ischaemia/reperfusion injury in rats. <i>Andrologia</i> , 2020, 52, e13714.	2.1	10
54	A versatile toxicity evaluation of ethyl carbamate (urethane) on zebrafish embryos: Morphological, physiological, histopathological, immunohistochemical, transcriptional and behavioral approaches. <i>Toxicology Letters</i> , 2021, 353, 71-78.	0.8	10

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55	Investigation of the Protective Effect of Kefir against Isoproterenol Induced Myocardial Infarction in Rats. Korean Journal for Food Science of Animal Resources, 2018, 38, 259-272.	1.5	10
56	A Selective Histamine H4 Receptor Antagonist, JNJ7777120, Role on glutamate Transporter Activity in Chronic Depression. Journal of Personalized Medicine, 2022, 12, 246.	2.5	10
57	Protective Effects of Idebenone against Sepsis Induced Acute Lung Damage. Journal of Investigative Surgery, 2022, 35, 560-568.	1.3	9
58	Investigation of the Oxidative Stress Response of a Green Synthesis Nanoparticle (RP-Ag/ACNPs) in Zebrafish. Biological Trace Element Research, 2021, , 1.	3.5	9
59	Effects of quercetin and surgicel for preventing adhesions after gynecological surgery: A rat uterine horn model. Journal of Obstetrics and Gynaecology Research, 2017, 43, 179-184.	1.3	8
60	The effect of <i>Diplotaenia turcica</i> root extract in streptozotocin-induced diabetic rats. Turkish Journal of Biochemistry, 2020, 45, 213-222.	0.5	8
61	Levosimendan ameliorates cisplatin-induced ototoxicity: Rat model. International Journal of Pediatric Otorhinolaryngology, 2019, 122, 70-75.	1.0	7
62	Antihemorrhoidal activity of organic acids of <i>Capsella bursaâ€†pastoris</i> on croton oilâ€†induced hemorrhoid in rats. Journal of Food Biochemistry, 2020, 44, e13343.	2.9	7
63	The protective effect of Naringenin against ovalbumin-induced allergic rhinitis in rats. European Archives of Oto-Rhino-Laryngology, 2021, 278, 4839-4846.	1.6	7
64	Grape seed extract effects on serum amylase levels and immunohistochemical alterations in Streptozotocin-induced diabetic rats. Cellular and Molecular Biology, 2018, 64, 92-97.	0.9	7
65	Expression of p53 protein, <i>Jaagsiekte sheep retrovirus</i> matrix protein, and surfactant protein in the lungs of sheep with pulmonary adenomatosis. Journal of Veterinary Diagnostic Investigation, 2016, 28, 249-256.	1.1	5
66	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
67	Nephroprotective effect of <i>Ferulago angulata</i> flowers on Nâ€†nitrosodimethylamineâ€†induced nephrotoxicity in rats and its phytochemical profile. Journal of Food Biochemistry, 2019, 43, e13030.	2.9	4
68	The protective effect of propolis on rat ovary against ischemia-reperfusion injury: Immunohistochemical, biochemical and histopathological evaluations. Biomedicine and Pharmacotherapy, 2019, 111, 631-637.	5.6	4
69	Effects of <i>Hypericum scabrum</i> L. essential oil on wound healing in streptozotocin-induced diabetic rats. Cutaneous and Ocular Toxicology, 2022, 41, 137-144.	1.3	4
70	Can zaprinast and avanafil induce the levels of angiogenesis, bone morphogenic protein 2, 4 and 7 in kidney of ovariectomised rats?. Archives of Physiology and Biochemistry, 2020, , 1-6.	2.1	3
71	The effects of CoQ10 supplement on matrix metalloproteinases, oxidative DNA damage and proâ€†inflammatory cytokines in testicular ischaemia/reperfusion injury in rats. Andrologia, 2021, 53, e13839.	2.1	3
72	Ratlarda Karbon Tetraklorâ€†4r ile Ä°ndâ€†4r klenen KaraciÄ°yer Toksikasyonu Ä°zerine Resveratrolâ€†4n Koruyucu Etkisinin Histopatolojik ve TUNEL Metodu ile AraÄ°tâ€†râ€†lmasâ€†. Atatürk Universitesi Veteriner Bilimleri Dergisi, 0, , 178-186.	0.0	3

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73	Ratlarda Metoraksat Kaynaklı± Testik¼ler Toksikite Äezerine Hesperidin Etkisi. Kafkas Üniversitesi Veteriner Fakültesi Dergisi, 2017, , .	0.1	3
74	Ratlarda Cyclophosphamide ile Änd¼klenen Nefrotoksisitede Baz± Hematolojik Parametreler ve BÄ±breÄÝin Histopatolojisi Äezerine Naringinin Protaktif Etkileri. Atatürk Üniversitesi Veteriner Bilimleri Dergisi, 2018, 13, 219-228.	0.0	3
75	Effects of boric acid on ovarian tissue damage caused by experimental ischemia/reperfusion. Biotechnic and Histochemistry, 2022, 97, 415-422.	1.3	3
76	Evaluation of Prolidase Activity, Oxidative Stress, and Antioxidant Enzyme Levels in Testicular and Penile Tissues after Human Chorionic Gonadotropin Treatment in Rats by Predicting Infertility and Erectile Dysfunction. Medical Principles and Practice, 2018, 27, 217-221.	2.4	2
77	Zaprinast and avanafil increase the vascular endothelial growth factor, vitamin D3, bone morphogenic proteins 4 and 7 levels in the kidney tissue of male rats applied the glucocorticoid. Archives of Physiology and Biochemistry, 2020, , 1-7.	2.1	2
78	Intraperitoneal Infusion of Neutral-pH Superoxidized Solution in Rats: Evaluation of Toxicity and Complications on Peritoneal Surface and Liver. Medical Science Monitor, 2017, 23, 960-965.	1.1	2
79	Selected tumour biomarker levels in sheep with pulmonary adenomatosis. Journal of Veterinary Research (Poland), 2020, 64, 39-44.	1.0	2
80	The effect of super-oxidized water on the tissues of uterus and ovary: An experimental rat study. Eastern Journal of Medicine, 2017, 22, 15-19.	0.2	2
81	Vanâ€™da Bir Ä°nekte Yalanc± Kuduz (Aujeszky) HastalÄ±Ä±n Ä°mmunohistokimyasal TeÄÝhisi. Kafkas Üniversitesi Veteriner Fakültesi Dergisi, 2016, , .	0.1	2
82	Kronik Olarak Flor ve 7,12-Dimetilbenzantrasene (DMBA) Maruz KalmanÄ±n Ratlarda Spermatogenezis ve Testisin Histopatolojisine Etkileri. Atatürk Üniversitesi Veteriner Bilimleri Dergisi, 2018, 13, 141-148.	0.0	2
83	Grape seed extract effects on serum amylase levels and immunohistochemical alterations in Streptozotocin-induced diabetic rats. Cellular and Molecular Biology, 2018, 64, 92-97.	0.9	2
84	Beneficial influence of topical extra virgin olive oil application on an experimental model of penile fracture in rats. Toxicology and Industrial Health, 2015, 31, 704-711.	1.4	1
85	A stereological study on calculation of volume values of the cervical spinal segments in ducks. Turkish Journal of Veterinary and Animal Sciences, 2018, 42, 600-610.	0.5	1
86	Stimulating effects of vardenafil, tadalafil, and udenafil on vascular endothelial growth factor, angiogenesis, vitamin D3, bone morphogenic proteins in ovariectomized rats. Archives of Physiology and Biochemistry, 2020, , 1-7.	2.1	1
87	Do avanafil and zaprinast exert positive effects on bone tissue via the nitric oxide/cyclic guanosine monophosphate/protein kinase-G signaling pathway in rats with ovariectomy-induced osteoporosis?. Brazilian Journal of Pharmaceutical Sciences, 0, 57, .	1.2	1
88	Streptozotosin Kaynaklı± Tip 1 Diyabetik SÄ±Åanlarda Meydana Gelen Nefropatilerde Artan eNOS ve iNOS SunumlarÄ±n Apoptozisle Ä°liÅkilendirilmesi. Kafkas Üniversitesi Veteriner Fakültesi Dergisi, 2016, , .	0.1	0
89	Investigation of leptospiral antigen with immunohistochemical and immunofluorescence methods in cattle kidney. Microbial Pathogenesis, 2022, 164, 105434.	2.9	0