

# 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	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
2	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
3	Protective Effects of Idebenone against Sepsis Induced Acute Lung Damage. <i>Journal of Investigative Surgery</i> , 2022, 35, 560-568.	1.3	9
4	Hydrogen-Rich Water Alleviates the Nickel-Induced Toxic Responses (Inflammatory Responses,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62 Element Research, 2022, 200, 3442-3452.	3.5	11
5	The synergic toxicity of temperature increases and nanopolystrene 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
6	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
7	Effects of boric acid on ovarian tissue damage caused by experimental ischemia/reperfusion. <i>Biotechnic and Histochemistry</i> , 2022, 97, 415-422.	1.3	3
8	Investigation of leptospiral antigen with immunohistochemical and immunofluorescence methods in cattle kidney. <i>Microbial Pathogenesis</i> , 2022, 164, 105434.	2.9	0
9	A Selective Histamine H4 Receptor Antagonist, JNJ7777120, Role on glutamate Transporter Activity in Chronic Depression. <i>Journal of Personalized Medicine</i> , 2022, 12, 246.	2.5	10
10	Effects of <i>Hypericum scabrum</i> L. essential oil on wound healing in streptozotocin-induced diabetic rats. <i>Cutaneous and Ocular Toxicology</i> , 2022, 41, 137-144.	1.3	4
11	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
12	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
13	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
14	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
15	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
16	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
17	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
18	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

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19	Investigation of the Oxidative Stress Response of a Green Synthesis Nanoparticle (RP-Ag/ACNPs) in Zebrafish. <i>Biological Trace Element Research</i> , 2021, , 1.	3.5	9
20	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
21	The effects of CoQ10 supplement on matrix metalloproteinases, oxidative DNA damage and pro-inflammatory cytokines in testicular ischaemia/reperfusion injury in rats. <i>Andrologia</i> , 2021, 53, e13839.	2.1	3
22	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
23	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
24	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
25	The effect of <i>Diplotaenia turcica</i> root extract in streptozotocin-induced diabetic rats. <i>Turkish Journal of Biochemistry</i> , 2020, 45, 213-222.	0.5	8
26	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
27	Antihemorrhoidal activity of organic acids of <i>Capsella bursa-pastoris</i> on croton oil-induced hemorrhoid in rats. <i>Journal of Food Biochemistry</i> , 2020, 44, e13343.	2.9	7
28	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
29	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. <i>Archives of Physiology and Biochemistry</i> , 2020, , 1-7.	2.1	2
30	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
31	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
32	Can zaprinast and avanafil induce the levels of angiogenesis, bone morphogenic protein 2, 4 and 7 in kidney of ovariectomised rats?. <i>Archives of Physiology and Biochemistry</i> , 2020, , 1-6.	2.1	3
33	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
34	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
35	Protective effect of rutin on mercuric chloride-induced reproductive damage in male rats. <i>Andrologia</i> , 2020, 52, e13524.	2.1	51
36	Stimulating effects of vardenafil, tadalafil, and udenafil on vascular endothelial growth factor, angiogenesis, vitamin D3, bone morphogenic proteins in ovariectomized rats. <i>Archives of Physiology and Biochemistry</i> , 2020, , 1-7.	2.1	1

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37	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
38	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
39	Selected tumour biomarker levels in sheep with pulmonary adenomatosis. <i>Journal of Veterinary Research (Poland)</i> , 2020, 64, 39-44.	1.0	2
40	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
41	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
42	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
43	The effectiveness of eugenol against cisplatin-induced ototoxicity. <i>Brazilian Journal of Otorhinolaryngology</i> , 2019, 85, 766-773.	1.0	24
44	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
45	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
46	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
47	Nephroprotective effect of <i>Ferulago angulata</i> flowers on Nitrosodimethylamine-induced nephrotoxicity in rats and its phytochemical profile. <i>Journal of Food Biochemistry</i> , 2019, 43, e13030.	2.9	4
48	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
49	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
50	Protective effect of morin on doxorubicin-induced hepatorenal toxicity in rats. <i>Chemico-Biological Interactions</i> , 2019, 308, 89-100.	4.0	55
51	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
52	Levosimendan ameliorates cisplatin-induced ototoxicity: Rat model. <i>International Journal of Pediatric Otorhinolaryngology</i> , 2019, 122, 70-75.	1.0	7
53	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
54	The protective effect of propolis on rat ovary against ischemia-reperfusion injury: Immunohistochemical, biochemical and histopathological evaluations. <i>Biomedicine and Pharmacotherapy</i> , 2019, 111, 631-637.	5.6	4

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55	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
56	Effect of chrysin on methotrexate-induced testicular damage in rats. <i>Andrologia</i> , 2019, 51, e13145.	2.1	40
57	Protective effect of gallic acid against cisplatin-induced ototoxicity in rats. <i>Brazilian Journal of Otorhinolaryngology</i> , 2019, 85, 267-274.	1.0	29
58	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. <i>Medical Principles and Practice</i> , 2018, 27, 217-221.	2.4	2
59	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
60	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
61	A stereological study on calculation of volume values of the cervical spinal segments in ducks. <i>Turkish Journal of Veterinary and Animal Sciences</i> , 2018, 42, 600-610.	0.5	1
62	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
63	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
64	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
65	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
66	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
67	Grape seed extract effects on serum amylase levels and immunohistochemical alterations in Streptozotocin-induced diabetic rats. <i>Cellular and Molecular Biology</i> , 2018, 64, 92-97.	0.9	7
68	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
69	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
70	Investigation of the Protective Effect of Kefir against Isoproterenol Induced Myocardial Infarction in Rats. <i>Korean Journal for Food Science of Animal Resources</i> , 2018, 38, 259-272.	1.5	10
71	Ratlarda Cyclophosphamide ile 4klenen Nefrotoksisitede Bazı Hematolojik Parametreler ve Bireyin Histopatolojisi Üzerine Naringinin Protektif Etkileri. <i>Ataturk Universitesi Veteriner Bilimleri Dergisi</i> , 2018, 13, 219-228.	0.0	3
72	Kronik Olarak Flor ve 7,12-Dimetilbenzantrasene (DMBA) Maruz Kalman Ratlarda Spermatogenezis ve Testisin Histopatolojisine Etkileri. <i>Ataturk Universitesi Veteriner Bilimleri Dergisi</i> , 2018, 13, 141-148.	0.0	2

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73	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
74	Antioxidant properties of Ferulago angulata and its hepatoprotective effect against N-nitrosodimethylamine-induced oxidative stress in rats. Pharmaceutical Biology, 2017, 55, 888-897.	2.9	20
75	The effect of PDE5 inhibitors on bone and oxidative damage in ovariectomy-induced osteoporosis. Experimental Biology and Medicine, 2017, 242, 1051-1061.	2.4	20
76	Impact of high-dose oleuropein on cisplatin-induced oxidative stress, genotoxicity and pathological changes in rat stomach and lung. Journal of Asian Natural Products Research, 2017, 19, 1214-1231.	1.4	20
77	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
78	Protective effect of <i>Silybum marianum</i> and <i>Taraxacum officinale</i> extracts against oxidative kidney injuries induced by carbon tetrachloride in rats. Renal Failure, 2017, 39, 1-6.	2.1	26
79	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
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	Ratlarda Metoraksat Kaynaklı Testikler Toksikite Özerine Hesperidin Etkisi. Kafkas Üniversitesi Veteriner Fakültesi Dergisi, 2017, , .	0.1	3
82	Expression of p53 protein, Jaagsiekte sheep retrovirus 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
83	The effects of light sources with different spectral structures on ocular axial length in rainbow trout ( <i>Oncorhynchus mykiss</i> ). Experimental Eye Research, 2016, 151, 212-221.	2.6	11
84	Protective effect and antioxidant role of sweetgum ( <i>Liquidambar orientalis</i> ) oil against carbon tetrachloride-induced hepatotoxicity and oxidative stress in rats. Pharmaceutical Biology, 2016, 54, 451-457.	2.9	25
85	Vanâ€™da Bir Önekte Yalanc Kuduz (Aujeszky) Hastalâ€™nün Ömmunohistokimyasal TeÅhisi. Kafkas Üniversitesi Veteriner Fakültesi Dergisi, 2016, , .	0.1	2
86	Streptozotosin Kaynaklı Tip 1 Diyabetik Sâ€™anlarda Meydana Gelen Nefropatilerde Artan eNOS ve iNOS Sunumlarâ€™nün Apoptozisle ÖliÅkilendirilmesi. Kafkas Üniversitesi Veteriner Fakültesi Dergisi, 2016, , .	0.1	0
87	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
88	Ratlarda Karbon Tetraklorâ€™r ile Öndâ€™klenen KaraciÖer Toksikasyonu Özerine Resveratrolâ€™n Koruyucu Etkisinin Histopatolojik ve TUNEL Metodu ile AraÅtâ€™râ€™lmesi. Atatürk Üniversitesi Veteriner Bilimleri Dergisi, 0, , 178-186.	0.0	3
89	Do avanafil and zaprinast exert positive effects on bone tissue via the nitric oxide/cyclic guanosine monophosphate/protein kinase-C signaling pathway in rats with ovariectomy-induced osteoporosis?. Brazilian Journal of Pharmaceutical Sciences, 0, 57, .	1.2	1