

# Osman Yilmaz

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1349568/publications.pdf>

Version: 2024-02-01

92  
papers

3,739  
citations

201674

27  
h-index

128289

60  
g-index

97  
all docs

97  
docs citations

97  
times ranked

3878  
citing authors

#	ARTICLE	IF	CITATIONS
1	Derivatives of Erythropoietin That Are Tissue Protective But Not Erythropoietic. <i>Science</i> , 2004, 305, 239-242.	12.6	775
2	Asialoerythropoietin is a nonerythropoietic cytokine with broad neuroprotective activity <i>in vivo</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 6741-6746.	7.1	416
3	Recombinant human erythropoietin counteracts secondary injury and markedly enhances neurological recovery from experimental spinal cord trauma. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 9450-9455.	7.1	351
4	Erythropoietin improves long-term spatial memory deficits and brain injury following neonatal hypoxia-ischemia in rats. <i>Behavioural Brain Research</i> , 2004, 153, 77-86.	2.2	173
5	Neuroprotective Effect of Erythropoietin on Hypoxic-Ischemic Brain Injury in Neonatal Rats. <i>Neonatology</i> , 2003, 83, 224-228.	2.4	140
6	Erythropoietin Increases Glutathione Peroxidase Enzyme Activity and Decreases Lipid Peroxidation Levels in Hypoxic-Ischemic Brain Injury in Neonatal Rats. <i>Neonatology</i> , 2005, 87, 15-18.	2.0	103
7	Erythropoietin Protects the Intestine Against Ischemia/Reperfusion Injury in Rats. <i>Molecular Medicine</i> , 2007, 13, 509-517.	4.4	100
8	Erythropoietin Attenuates Lipopolysaccharide-Induced White Matter Injury in the Neonatal Rat Brain. <i>Neonatology</i> , 2007, 92, 269-278.	2.0	88
9	Amelioration of spinal cord compressive injury by pharmacological preconditioning with erythropoietin and a nonerythropoietic erythropoietin derivative. <i>Journal of Neurosurgery: Spine</i> , 2006, 4, 310-318.	1.7	82
10	Selective Inhibition of Nitric Oxide in Hypoxic-Ischemic Brain Model in Newborn Rats: Is It an Explanation for the Protective Role of Erythropoietin?. <i>Neonatology</i> , 2004, 85, 51-54.	2.0	73
11	Mesenchymal stem cells ameliorate the histopathological changes in a murine model of chronic asthma. <i>International Immunopharmacology</i> , 2011, 11, 1120-1126.	3.8	71
12	Hyperoxic exposure leads to cell death in the developing brain. <i>Brain and Development</i> , 2008, 30, 556-562.	1.1	67
13	Protective effects of erythropoietin against ethanol-induced apoptotic neurodegeneration and oxidative stress in the developing C57BL/6 mouse brain. <i>Developmental Brain Research</i> , 2005, 160, 146-156.	1.7	58
14	Erythropoietin Downregulates Bax and DP5 ProApoptotic Gene Expression in Neonatal Hypoxic-Ischemic Brain Injury. <i>Neonatology</i> , 2006, 89, 205-210.	2.0	57
15	Carbamylated Erythropoietin Reduces Radiosurgically-Induced Brain Injury. <i>Molecular Medicine</i> , 2006, 12, 74-80.	4.4	56
16	Erythropoietin is a multifunctional tissue-protective cytokine. <i>Psychophysiology</i> , 2003, 2, 465-70.	1.1	52
17	Effects of Erythropoietin on Hyperoxic Lung Injury in Neonatal Rats. <i>Pediatric Research</i> , 2005, 58, 38-41.	2.3	50
18	Nonerythropoietic Tissue Protective Compounds Are Highly Effective Facilitators of Wound Healing. <i>Molecular Medicine</i> , 2009, 15, 235-241.	4.4	44

#	ARTICLE	IF	CITATIONS
19	Effect of retinoic acid on oxygen-induced lung injury in the newborn rat. <i>Pediatric Pulmonology</i> , 2005, 39, 35-40.	2.0	38
20	The Effects of Irbesartan and Spironolactone in Prevention of Peritoneal Fibrosis in Rats. <i>Peritoneal Dialysis International</i> , 2007, 27, 424-431.	2.3	37
21	Effect of erythropoietin on oxygen-induced brain injury in the newborn rat. <i>Neuroscience Letters</i> , 2008, 448, 245-249.	2.1	37
22	Evaluation of the Effect of Acetyl L-Carnitine on Experimental Cisplatin Nephrotoxicity. <i>Chemotherapy</i> , 2009, 55, 451-459.	1.6	35
23	Glycyrrhizin and Long-Term Histopathologic Changes in a Murine Model of Asthma. <i>Current Therapeutic Research</i> , 2011, 72, 250-261.	1.2	35
24	Maternal omega-3 fatty acid supplementation protects against lipopolysaccharide-induced white matter injury in the neonatal rat brain. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2012, 25, 849-854.	1.5	34
25	Neuroprotective effect of the peptides ADNF-9 and NAP on hypoxic-ischemic brain injury in neonatal rats. <i>Brain Research</i> , 2006, 1115, 169-178.	2.2	33
26	Erythropoietin Protects against Necrotizing Enterocolitis of Newborn Rats by the Inhibiting Nitric Oxide Formation. <i>Neonatology</i> , 2003, 84, 325-329.	2.0	30
27	Effects of Curcumin on Lung Histopathology and Fungal Burden in a Mouse Model of Chronic Asthma and Oropharyngeal Candidiasis. <i>Archives of Medical Research</i> , 2011, 42, 79-87.	3.3	27
28	Effects of activated protein C on neonatal hypoxic ischemic brain injury. <i>Brain Research</i> , 2008, 1210, 56-62.	2.2	26
29	Effects of <i>Ginkgo biloba</i> on airway histology in a mouse model of chronic asthma. <i>Allergy and Asthma Proceedings</i> , 2009, 30, 186-191.	2.2	26
30	Methamphetamine induces oligodendroglial cell death in vitro. <i>Brain Research</i> , 2003, 982, 125-130.	2.2	25
31	Friend or foe? Effect of oral resveratrol on cisplatin ototoxicity. <i>Laryngoscope</i> , 2014, 124, 760-766.	2.0	24
32	Epigenetic Programming Through Breast Milk and Its Impact on Milk-Siblings Mating. <i>Frontiers in Genetics</i> , 2020, 11, 569232.	2.3	24
33	Antinociceptive and Neurotoxicologic Screening of Chronic Intrathecal Administration of Ketorolac Tromethamine in the Rat. <i>Anesthesia and Analgesia</i> , 2004, 98, 148-152.	2.2	23
34	Evaluation of the Effect of Acetyl L-Carnitine on Experimental Cisplatin Ototoxicity and Neurotoxicity. <i>Chemotherapy</i> , 2011, 57, 186-194.	1.6	23
35	Strain and Strain Rate Echocardiography Findings in Children With Asymptomatic Congenital Aortic Stenosis. <i>Pediatric Cardiology</i> , 2013, 34, 1152-1158.	1.3	23
36	Is there a gender-related susceptibility for cisplatin ototoxicity?. <i>European Archives of Oto-Rhino-Laryngology</i> , 2015, 272, 2755-2763.	1.6	22

#	ARTICLE	IF	CITATIONS
37	Effectiveness of <i>Saccharomyces boulardii</i> in a rat model of colitis. World Journal of Gastroenterology, 2012, 18, 6452.	3.3	20
38	The effects of $\alpha$ -lipoic acid on aortic injury and hypertension in the rat remnant kidney (5/6) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 702 T	0.9	20
39	Dexamethasone-loaded chitosan-based genipin-cross-linked hydrogel for prevention of cisplatin induced ototoxicity in Guinea pig model. International Journal of Pediatric Otorhinolaryngology, 2019, 122, 60-69.	1.0	19
40	Protective Effects of Methylxanthines on Hypoxia-Induced Apoptotic Neurodegeneration and Long-Term Cognitive Functions in the Developing Rat Brain. Neonatology, 2010, 98, 128-136.	2.0	18
41	Renoprotective Effects of Alpha Lipoic Acid on Iron Overload-Induced Kidney Injury in Rats by Suppressing NADPH Oxidase 4 and p38 MAPK Signaling. Biological Trace Element Research, 2020, 193, 483-493.	3.5	18
42	EFFICACY OF SULPHASALAZINE ON LUNG HISTOPATHOLOGY IN A MURINE MODEL OF CHRONIC ASTHMA. Experimental Lung Research, 2008, 34, 501-511.	1.2	15
43	The role of resveratrol on full thickness uterine wound healing in rats. Taiwanese Journal of Obstetrics and Gynecology, 2017, 56, 657-663.	1.3	15
44	In vitro evaluation, biodistribution in rats of radiolabeled raloxifene. Applied Radiation and Isotopes, 2010, 68, 33-36.	1.5	14
45	Neuroprotective effects of recombinant human erythropoietin in the developing brain of rat after lithium-pilocarpine induced status epilepticus. Brain and Development, 2012, 34, 189-195.	1.1	14
46	Protective effects of pentoxifylline on lipopolysaccharide-induced white matter injury in a rat model of periventricular leukomalacia. Journal of Maternal-Fetal and Neonatal Medicine, 2013, 26, 1865-1871.	1.5	14
47	Myo-inositol is a promising treatment for the prevention of ovarian hyperstimulation syndrome (OHSS): an animal study. Archives of Gynecology and Obstetrics, 2015, 292, 1163-1171.	1.7	14
48	Protective Effect of Acetyl-L-Carnitine Against Doxorubicin-induced Cardiotoxicity in Wistar Albino Rats. Archives of Medical Research, 2016, 47, 506-514.	3.3	14
49	Antioxidant effect of acetyl-l-carnitine against cisplatin-induced cardiotoxicity. Journal of International Medical Research, 2020, 48, 030006052095139.	1.0	14
50	Effectiveness of sugammadex for cerebral ischemia/reperfusion injury. Kaohsiung Journal of Medical Sciences, 2016, 32, 292-301.	1.9	13
51	Evaluation of <sup>99m</sup> Tc-Pheophorbide-a use in infection imaging: A rat model. Applied Radiation and Isotopes, 2011, 69, 1165-1168.	1.5	12
52	Alpha-lipoic acid alleviates colistin nephrotoxicity in rats. Human and Experimental Toxicology, 2021, 40, 761-771.	2.2	12
53	Protective Effect of Korean Red Ginseng on Cisplatin Ototoxicity: Is It Effective Enough?. Journal of International Advanced Otology, 2016, 12, 177-183.	1.0	12
54	Neuroprotective effects of ketorolac tromethamine after spinal cord injury in rats: an ultrastructural study. Advances in Therapy, 2008, 25, 152-158.	2.9	11

#	ARTICLE	IF	CITATIONS
55	Zonisamide attenuates hyperoxia-induced apoptosis in the developing rat brain. <i>Neurological Sciences</i> , 2014, 35, 1769-1775.	1.9	11
56	Neuroprotective Effects of Lacosamide and Memantine on Hyperoxic Brain Injury in Rats. <i>Neurochemical Research</i> , 2020, 45, 1920-1929.	3.3	11
57	Otoprotective effect of recombinant erythropoietin in a model of newborn hypoxic-ischemic encephalopathy. <i>International Journal of Pediatric Otorhinolaryngology</i> , 2013, 77, 739-746.	1.0	10
58	Evaluation of cancer imaging potential and photodynamic therapy efficacy of copper (II) benzyloxypheophorbide- <i>in vivo</i> . <i>Journal of Drug Targeting</i> , 2015, 23, 89-95.	4.4	10
59	Effects of adipose and bone marrow-derived mesenchymal stem cells on vaginal atrophy in a rat menopause model. <i>Gene</i> , 2019, 711, 143937.	2.2	10
60	Carotid Intima Media Thickness and Arterial Stiffness in Children With Acute Rheumatic Fever. <i>Pediatric Cardiology</i> , 2014, 35, 16-21.	1.3	9
61	Effects of atorvastatin on development of peritoneal fibrosis in rats on peritoneal dialysis. <i>Renal Failure</i> , 2010, 32, 1095-1102.	2.1	8
62	Effect of induced hypothermia on lipopolysaccharide-induced lung injury in neonatal rats. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2014, 27, 421-429.	1.5	8
63	Assessment of left ventricular functions with tissue Doppler, strain, and strain rate echocardiography in patients with familial Mediterranean fever. <i>Anatolian Journal of Cardiology</i> , 2015, 15, 663-668.	0.9	8
64	Histological and Immunohistochemical Retinal Changes Following the Intravitreal Injection of Aflibercept, Bevacizumab and Ranibizumab in Newborn Rabbits. <i>Current Eye Research</i> , 2017, 42, 315-322.	1.5	8
65	Experimental Traumatic Spinal Cord Injury. <i>Methods in Molecular Biology</i> , 2013, 982, 103-112.	0.9	7
66	Alpha lipoic acid attenuates iron induced oxidative acute kidney injury in rats. <i>Biotechnic and Histochemistry</i> , 2021, 96, 409-417.	1.3	7
67	Clarithromycin, montelukast, and pentoxifylline combination treatment ameliorates experimental neonatal hyperoxic lung injury. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2008, 21, 407-413.	1.5	6
68	Technetium-99m labeled Mebendazole and biodistribution in experimentally <i>Trichinella spiralis</i> -infected rats. <i>Medicinal Chemistry Research</i> , 2012, 21, 804-809.	2.4	6
69	Synthesis, Radiolabeling, and Bioevaluation of Bis(Trifluoromethanesulfonyl) Imide. <i>Cancer Biotherapy and Radiopharmaceuticals</i> , 2015, 30, 395-399.	1.0	6
70	Evaluation of carotid intima-media thickness and carotid arterial stiffness in children with adenotonsillar hypertrophy. <i>World Journal of Pediatrics</i> , 2016, 12, 103-108.	1.8	6
71	Erythropoietin prevents lymphoid apoptosis but has no effect on survival in experimental sepsis. <i>Pediatric Research</i> , 2013, 74, 148-153.	2.3	6
72	Protective effects of alpha-lipoic acid on bleomycin-induced skin fibrosis through the repression of NADPH Oxidase 4 and TGF- $\beta$ 1/Smad3 signaling pathways. <i>Human and Experimental Toxicology</i> , 2022, 41, 096032712110659.	2.2	5

#	ARTICLE	IF	CITATIONS
73	Preparation of <sup>131</sup> I-Pyrimethamine and evaluation for scintigraphy of experimentally <i>Toxoplasma gondii</i> -infected rats. <i>Journal of Drug Targeting</i> , 2013, 21, 175-179.	4.4	4
74	Evaluation of <sup>131</sup> I-Pentamidine for scintigraphy of experimentally <i>Leishmania tropica</i> -infected hamsters. <i>Journal of Drug Targeting</i> , 2014, 22, 416-420.	4.4	4
75	Comparison of the effect of sevoflurane and propofol on oxygenation during gradual transition to one-lung ventilation. <i>Brazilian Journal of Anesthesiology (Elsevier)</i> , 2014, 64, 79-83.	0.4	3
76	Evaluation of infection imaging potential of <sup>131</sup> I-labeled imidazolium salt. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2018, 315, 487-492.	1.5	3
77	Hepatoid Adenocarcinoma of the Rectum With Liver Metastasis in a Patient With Ulcerative Colitis. <i>ACG Case Reports Journal</i> , 2019, 6, e00084.	0.4	3
78	Nilotinib-mediated mucosal healing in a rat model of colitis. <i>World Journal of Gastroenterology</i> , 2013, 19, 6237.	3.3	3
79	Intraoperative identification of adrenal-renal fusion. <i>Journal of Minimal Access Surgery</i> , 2015, 11, 205.	0.7	3
80	Mucosal healing effect of nilotinib in indomethacin-induced enterocolitis: A rat model. <i>World Journal of Gastroenterology</i> , 2015, 21, 12576.	3.3	3
81	Investigation of endothelial dysfunction in children with acute rheumatic fever. <i>Annals of Pediatric Cardiology</i> , 2020, 13, 199.	0.5	3
82	The Effect of Rupatadine on Lung Histopathology in a Murine Model of Chronic Asthma. <i>Journal of Asthma</i> , 2013, 50, 141-146.	1.7	2
83	Erythropoietin diminishes isoflurane-induced apoptosis in rat frontal cortex. <i>Paediatric Anaesthesia</i> , 2016, 26, 444-451.	1.1	2
84	Effects of epigallocatechin-3-gallate (EGCG) on a scleroderma model of fibrosis. <i>Biyokimya Dergisi</i> , 2018, 43, 464-473.	0.5	2
85	Ocular toxicity of intravitreal golimumab in a rabbit model. <i>Turkish Journal of Medical Sciences</i> , 2020, 50, 1111-1122.	0.9	2
86	Evaluation of the Neuroprotective Effect of Pycnogenol in a Hypoxic-Ischemic Brain Injury Model in Newborn Rats. <i>American Journal of Perinatology</i> , 2023, 40, 612-618.	1.4	2
87	The effect of methyl palmitate on treatment of experimental asthma. <i>JPMA the Journal of the Pakistan Medical Association</i> , 2015, 65, 632-6.	0.2	2
88	The Protective Effect of Recombinant Human Erythropoietin against Cisplatin-Induced Ototoxicity. <i>Journal of International Advanced Otology</i> , 2015, 10, 205-210.	1.0	1
89	Evaluation of the effects of intra-arterial sugammadex and dexmedetomidine: an experimental study. <i>Brazilian Journal of Anesthesiology (Elsevier)</i> , 2016, 66, 456-464.	0.4	1
90	Effects of carbon dioxide insufflation on anastomosis remodeling at a carotid artery site in rabbits. <i>Kardiochirurgia I Torakochirurgia Polska</i> , 2018, 15, 170-175.	0.1	1

#	ARTICLE	IF	CITATIONS
91	Endothelial Dysfunction in Breast Cancer In-Vivo Model. Proceedings (mdpi), 2018, 2, .	0.2	0
92	Is Pool Water Disinfectant (Hydrogen Peroxide-Silver Composition) Ototoxic in Rats?. Journal of International Advanced Otology, 2019, 14, 432-436.	1.0	0