Bahar Tunctan

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8827462/publications.pdf

Version: 2024-02-01

75	1,176	394286	454834
papers	citations	19 h-index	30 g-index

76	76	76	1464
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Pharmacological Inhibition of Mammalian Target of Rapamycin Attenuates Deoxycorticosterone Acetate Saltâ€“Induced Hypertension and Related Pathophysiology: Regulation of Oxidative Stress, Inflammation, and Cardiovascular Hypertrophy in Male Rats. Journal of Cardiovascular Pharmacology, 2022, 79, 355-367.	0.8	7
2	Inhibition of mTOR protects against skeletal muscle and kidney injury following hindlimb ischemia-reperfusion in rats by regulating MERK1/ERK1/2 activity.. Cukurova Medical Journal, 2022, 47, 219-232.	0.1	0
3	Activation of GPR75 Signaling Pathway Contributes to the Effect of a 20-HETE Mimetic, 5,14-HEDGE, to Prevent Hypotensive and Tachycardic Responses to Lipopolysaccharide in a Rat Model of Septic Shock. Journal of Cardiovascular Pharmacology, 2022, 80, 276-293.	0.8	3
4	Suppression of TLR4/MyD88/TAK1/NF-ÎºB/COX-2 Signaling Pathway in the Central Nervous System by Bexarotene, a Selective RXR Agonist, Prevents Hyperalgesia in the Lipopolysaccharide-Induced Pain Mouse Model. Neurochemical Research, 2021, 46, 624-637.	1.6	6
5	Soluble epoxide hydrolase inhibitor trifluoromethoxyphenylâ€3â€(1â€propionylpiperidinâ€4â€yl)urea prevents hyperalgesia through regulating NLRC4 inflammasomeâ€related proâ€inflammatory and antiâ€inflammatory signaling pathways in the lipopolysaccharideâ€induced pain mouse model. Drug Development Research, 2021, 82, 815-825.	1.4	3
6	mTOR inhibition as a possible pharmacological target in the management of systemic inflammatory response and associated neuroinflammation by lipopolysaccharide challenge in rats. Canadian Journal of Physiology and Pharmacology, 2021, 99, 921-934.	0.7	2
7	Pharmacological inhibition of soluble epoxide hydrolase attenuates chronic experimental autoimmune encephalomyelitis by modulating inflammatory and anti-inflammatory pathways in an inflammasome-dependent and -independent manner. Inflammopharmacology, 2020, 28, 1509-1524.	1.9	19
8	CYP-derived eicosanoids in inflammatory diseases. Prostaglandins and Other Lipid Mediators, 2020, 148, 106424.	1.0	1
9	Eicosanoids derived from cytochrome P450 pathway of arachidonic acid and inflammatory shock. Prostaglandins and Other Lipid Mediators, 2019, 145, 106377.	1.0	15
10	Modulation of oxidativeâ€“nitrosative stress and inflammatory response by rapamycin in target and distant organs in rats exposed to hindlimb ischemiaâ€“reperfusion: the role of mammalian target of rapamycin. Canadian Journal of Physiology and Pharmacology, 2019, 97, 1193-1203.	0.7	6
11	<scp>NF</scp>â€ÎºB activation mediates <scp>LPS</scp>â€or zymosanâ€induced hypotension and inflammation reversed by <scp>BAY</scp>61â€3606, a selective Syk inhibitor, in rat models of septic and nonâ€septic shock. Clinical and Experimental Pharmacology and Physiology, 2019, 46, 173-182.	0.9	9
12	The role of Syk/IÄ¸Bâ€Î±/<scp>NF</scp>â€<scp>Ä¸B</scp> pathway activation in the reversal effect of <scp>BAY</scp> 61â€3606, a selective Syk inhibitor, on hypotension and inflammation in a rat model of zymosanâ€induced nonâ€septic shock. Clinical and Experimental Pharmacology and Physiology, 2018, 45, 155-165.	0.9	12
13	Bexarotene, a Selective RXRÎ± Agonist, Reverses Hypotension Associated with Inflammation and Tissue Injury in a Rat Model of Septic Shock. Inflammation, 2018, 41, 337-355.	1.7	17
14	Protection by mTOR Inhibition on Zymosan-Induced Systemic Inflammatory Response and Oxidative/Nitrosative Stress: Contribution of mTOR/MEK1/ERK1/2/IKKÎ²/IÎºB-Î±/NF-ÎºB Signalling Pathway. Inflammation, 2018, 41, 276-298.	1.7	24
15	Activation of mTOR/IÎºB-Î±/NF-ÎºB pathway contributes to LPS-induced hypotension and inflammation in rats. European Journal of Pharmacology, 2017, 802, 7-19.	1.7	59
16	Inhibition of NLRP3 Inflammasome Prevents LPS-Induced Inflammatory Hyperalgesia in Mice: Contribution of NF-ÎºB, Caspase-1/11, ASC, NOX, and NOS Isoforms. Inflammation, 2017, 40, 366-386.	1.7	56
17	Inhibition of NLRP3 Inflammasome Contributes to Protective Effect of 5,14-HEDGE Against Lipopolysaccharide-induced Septic Shock. International Journal of Pharmacology, 2017, 13, 654-666.	0.1	4
18	Koroner arter bypass cerrahisinde ramiprilin miyokardiyal hasar ve inflamatuvar yanÄ±ttaki etkisi Ã¼zerinde sitokin gen polimorfizmlerinin rolÃ¼. Ã‡ukurova Ãœniversitesi TÄ±p FakÃ¼ltesi Dergisi, 2017, 42, 436-445.	0.0	0

#	Article	IF	Citations
19	Quality of life, clinical effectiveness, and satisfaction in patients with beta thalassemia major and sickle cell anemia receiving deferasirox chelation therapy. Journal of Basic and Clinical Pharmacy, 2016, 7, 49.	9.3	19
20	Contribution of PPARÎ±/Î²/Î³, AP-1, importin-Î±3, and RXRÎ± to the protective effect of 5,14-HEDGE, a 20-HETE mimetic, against hypotension, tachycardia, and inflammation in a rat model of septic shock. Inflammation Research, 2016, 65, 367-387.	1.6	15
21	Determination of urinary levels of Bisphenol A in a Turkish population. Environmental Monitoring and Assessment, 2014, 186, 8443-8452.	1.3	30
22	Role of ACE I/D gene polymorphisms on the effect of ramipril in inflammatory response and myocardial injury in patients undergoing coronary artery bypass grafts. European Journal of Clinical Pharmacology, 2014, 70, 1443-1451.	0.8	9
23	Effects of 5,14-HEDGE, a 20-HETE mimetic, on lipopolysaccharide-induced changes in MyD88/TAK1/IKKÎ²/IÎºB-Î±/NF-ÎºB pathway and circulating miR-150, miR-223, and miR-297 levels in a rat model of septic shock. Inflammation Research, 2014, 63, 741-756.	1.6	30
24	Contribution of RhoA/Rho-kinase/MEK1/ERK1/2/iNOS pathway to ischemia/reperfusion-induced oxidative/nitrosative stress and inflammation leading to distant and target organ injury in rats. European Journal of Pharmacology, 2014, 723, 234-245.	1.7	20
25	Development and validation of an LCâ€MS/MS method for simultaneous quantitative analysis of free and conjugated bisphenol A in human urine. Biomedical Chromatography, 2014, 28, 686-693.	0.8	19
26	Inflammation and allergy. Editorial. Anti-Inflammatory and Anti-Allergy Agents in Medicinal Chemistry, 2014, 13, 1-2.	1.1	0
27	Contribution of iNOS/sGC/PKG pathway, COX-2, CYP4A1, and gp91phox to the protective effect of 5,14-HEDGE, a 20-HETE mimetic, against vasodilation, hypotension, tachycardia, and inflammation in a rat model of septic shock. Nitric Oxide - Biology and Chemistry, 2013, 33, 18-41.	1.2	51
28	NS-398 reverses hypotension in endotoxemic rats: Contribution of eicosanoids, NO, and peroxynitrite. Prostaglandins and Other Lipid Mediators, 2013, 104-105, 93-108.	1.0	15
29	5,14-HEDGE, a 20-HETE mimetic, reverses hypotension and improves survival in a rodent model of septic shock: Contribution of soluble epoxide hydrolase, CYP2C23, MEK1/ERK1/2/IKKÎ²/IÎºB-Î±/NF-ÎºB pathway, and proinflammatory cytokine formation. Prostaglandins and Other Lipid Mediators, 2013, 102-103, 31-41.	1.0	26
30	Preface. Anti-Inflammatory and Anti-Allergy Agents in Medicinal Chemistry, 2013, 12, 1-1.	1.1	0
31	Affirmative Effects of Iloprost on Apoptosis during Ischemiaâ€“Reperfusion Injury in Kidney as a Distant Organ. Renal Failure, 2012, 34, 111-118.	0.8	11
32	Preface. Anti-Inflammatory and Anti-Allergy Agents in Medicinal Chemistry, 2012, 11, 1-1.	1.1	0
33	Contribution of MEK1/ERK1/2/iNOS Pathway to Oxidative Stress and Decreased Caspase-3 Activity in Endotoxemic Rats. Anti-Inflammatory and Anti-Allergy Agents in Medicinal Chemistry, 2012, 11, 243-252.	1.1	5
34	Increased Production of Nitric Oxide Mediates Selective Organ-Specific Effects of Endotoxin on Oxidative Stress. Anti-Inflammatory and Anti-Allergy Agents in Medicinal Chemistry, 2012, 11, 161-172.	1.1	4
35	A Novel Treatment Strategy for Sepsis and Septic Shock Based on the Interactions between Prostanoids, Nitric Oxide, and 20-Hydroxyeicosatetraenoic Acid. Anti-Inflammatory and Anti-Allergy Agents in Medicinal Chemistry, 2012, 11, 121-150.	1.1	27
36	Activation of MEK1/ERK1/2/iNOS/sGC/PKG pathway associated with peroxynitrite formation contributes to hypotension and vascular hyporeactivity in endotoxemic rats. Nitric Oxide - Biology and Chemistry, 2011, 24, 160-172.	1.2	20

#	Article	IF	Citations
37	Antinociceptive Effect of some Amaryllidaceae Plants in Mice. Journal of Pharmacy and Pharmacology, 2011, 49, 828-830.	1.2	15
38	Piroxicam Reverses Endotoxinâ€Induced Hypotension in Rats: Contribution of Vasoactive Eicosanoids and Nitric Oxide. Basic and Clinical Pharmacology and Toxicology, 2011, 109, 186-194.	1.2	8
39	A Synthetic Analogue of 20â€HETE, 5,14â€HEDGE, Reverses Endotoxinâ€Induced Hypotension via Increased 20â€HETE Levels Associated with Decreased iNOS Protein Expression and Vasodilator Prostanoid Production in Rats. Basic and Clinical Pharmacology and Toxicology, 2010, 106, 378-388.	1.2	25
40	Contribution of Vasoactive Eicosanoids and Nitric Oxide Production to the Effect of Selective Cyclooxygenaseâ€2 Inhibitor, NSâ€398, on Endotoxinâ€Induced Hypotension in Rats. Basic and Clinical Pharmacology and Toxicology, 2010, 107, 877-882.	1.2	18
41	Increased production of 20â€HETE contributes to the effects of COX inhibitors to prevent the decrease in lipid peroxidation and increase in catalase activity during endotoxemia. FASEB Journal, 2009, 23, 937.13.	0.2	3
42	Activation of MEK1/ERK1/2/iNOS/sGC/PKG pathway contributes to the fall in blood pressure and vascular reactivity in endotoxemic rats. FASEB Journal, 2009, 23, .	0.2	2
43	Prostaglandins contribute to endotoxinâ€induced increase in lipid peroxidation via nitric oxide production during endotoxemia in rats.. FASEB Journal, 2009, 23, LB368.	0.2	0
44	Thalidomide potentiates analgesic effect of COX inhibitors on endotoxinâ€induced hyperalgesia by modulating TNFâ€Î±, PGE and NO synthesis in mice. FASEB Journal, 2009, 23, 742.4.	0.2	4
45	Prostaglandins inhibit cytochrome P450 4A activity and contribute to endotoxin-induced hypotension in rats via nitric oxide production. Archives of Pharmacal Research, 2008, 31, 856-865.	2.7	17
46	A 20-HYDROXYEICOSATETRAENOIC ACID AGONIST, N-[20-HYDROXYEICOSA-5(Z),14(Z)-DIENOYL]GLYCINE, OPPOSES THE FALL IN BLOOD PRESSURE AND VASCULAR REACTIVITY IN ENDOTOXIN-TREATED RATS. Shock, 2008, 30, 329-335.	1.0	30
47	Twentyâ€Fourâ€Hour Variation ofLâ€Arginine/Nitric Oxide/Cyclic Guanosine Monophosphate Pathway Demonstrated by the Mouse Visceral Pain Model. Chronobiology International, 2007, 24, 413-424.	0.9	5
48	Inhibition of extracellular signal-regulated kinase (ERK1/2) activity reverses endotoxin-induced hypotension via decreased nitric oxide production in rats. Pharmacological Research, 2007, 56, 56-64.	3.1	13
49	Nitric oxide reverses endotoxin-induced inflammatory hyperalgesia via inhibition of prostacyclin production in mice. Pharmacological Research, 2006, 53, 177-192.	3.1	23
50	Involvement of calcium/calmodulin-dependent protein kinase II to endotoxin-induced vascular hyporeactivity in rat superior mesenteric artery. Pharmacological Research, 2006, 54, 208-218.	3.1	8
51	Inhibition by nitric oxide of cytochrome P450 4A activity contributes to endotoxin-induced hypotension in rats. Nitric Oxide - Biology and Chemistry, 2006, 14, 51-57.	1.2	20
52	Extracellular Signal-Regulated Kinase (ERK1/2) Contributes to Endotoxin-Induced Hyporeactivity via Nitric Oxide and Prostacyclin Production in Rat Aorta. Pharmacology, 2006, 78, 123-128.	0.9	8
53	Biological Timeâ€Dependent Difference in Effect of Peroxynitrite Demonstrated by the Mouse Hot Plate Pain Model. Chronobiology International, 2006, 23, 583-591.	0.9	9
54	Increased Production of Nitric Oxide Contributes to Renal Oxidative Stress in Endotoxemic Rat. American Journal of Infectious Diseases, 2005, 1, 111-115.	0.1	28

#	Article	IF	Citations
55	Efficiency of l-arginine enriched cardioplegia and non-cardioplegic reperfusion in ischemic hearts. International Journal of Cardiology, 2004, 97, 93-100.	0.8	26
56	The Use of Nitric Oxide Synthase Inhibitors in Inflammatory Diseases: A Novel Class of Anti-Inflammatory Agents. Current Medicinal Chemistry Anti-inflammatory & Anti-allergy Agents, 2004, 3, 271-301.	0.4	15
57	Effects of cyclooxygenase inhibitors on nitric oxide production and survival in a mice model of sepsis. Pharmacological Research, 2003, 48, 37-37.	3.1	9
58	Effects of cyclooxygenase inhibitors on nitric oxide production and survival in a mice model of sepsis. Pharmacological Research, 2003, 48, 37-48.	3.1	18
59	Circadian variation of nitric oxide synthase activity in mouse tissue. Chronobiology International, 2002, 19, 393-404.	0.9	50
60	Role of L-Arginine/Nitric Oxide Pathway in the Antinociceptive Activities of Morphine and Mepyramine in Mice. Arzneimittelforschung, 2001, 51, 977-983.	0.5	9
61	The Role of L-Arginine/Nitric Oxide Pathway in the Antinociceptive Activity of Pyridoxine in Mouse. Arzneimittelforschung, 2001, 51, 832-838.	0.5	8
62	Time-Dependent Variations in Serum Nitrite, 6-Keto-Prostaglandin F1Î± and Thromboxane B2 Levels Induced by Lipopolysaccharide in Mice. Biological Rhythm Research, 2000, 31, 499-513.	0.4	13
63	Role of Guanylyl Cyclase Activation via Thiamine in Suppressing Chemically-induced Writhing in Mouse. Arzneimittelforschung, 2000, 50, 554-558.	0.5	9
64	Peroxynitrite produces relaxations on the rat anococcygeus muscle. Life Sciences, 2000, 67, 3123-3127.	2.0	1
65	Participation of the components of L-arginine/nitric oxide/cGMP cascade by chemically-induced abdominal constriction in the mouse. Life Sciences, 2000, 67, 1127-1137.	2.0	47
66	Effects of econazole on receptor-operated and depolarization-induced contractions in rat isolated aorta. Life Sciences, 2000, 67, 2393-2401.	2.0	9
67	Temporal Variation in Serum Nitrite Levels in Rats and Mice. Chronobiology International, 1999, 16, 527-532.	0.9	7
68	Bradykinin-Induced Responses in a Coaxial Bioassay System Composed of Rat Anococcygeus Muscle and Guinea Pig Trachea. General Pharmacology, 1998, 30, 477-482.	0.7	1
69	COMPARISON OF NITRIC OXIDE PRODUCTION BY MONOCYTE/MACROPHAGES IN HEALTHY SUBJECTS AND PATIENTS WITH ACTIVE PULMONARY TUBERCULOSIS. Pharmacological Research, 1998, 37, 219-226.	3.1	15
70	EFFECTS OF NITRIC OXIDE SYNTHASE INHIBITION IN LIPOPOLYSACCHARIDE-INDUCED SEPSIS IN MICE. Pharmacological Research, 1998, 38, 405-411.	3.1	67
71	Circadian-Rhythm-dependent Effects of L-N^G-Nitroarginine Methyl Ester (L-Name) on Morphine-Induced Analgesia. Chronobiology International, 1998, 15, 283-289.	0.9	17
72	Effects of Plateletâ€Activating Factor Antagonists WEB 2086 and BN 50730 on Digoxinâ€Induced Arrhythmias [*]. Basic and Clinical Pharmacology and Toxicology, 1995, 76, 343-347.	0.0	5

#	Article	IF	Citations
73	Hypoglycaemic effect of Momordica charantia extracts in normoglycaemic or cyproheptadine-induced hyperglycaemic mice. Journal of Ethnopharmacology, 1994, 44, 117-121.	2.0	51
74	Antinociceptive effects of H1- and H2-antihistaminics in mice. General Pharmacology, 1993, 24, 1173-1176.	0.7	12
75	Epithelium-dependent responses of serotonin in a co-axial bioassay system. European Journal of Pharmacology, 1993, 236, 97-105.	1.7	7