Fatma Akar

List of Publications by Year in descending order

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39 papers	881 citations	471509 17 h-index	477307 29 g-index
40 all docs	40 docs citations	40 times ranked	1185 citing authors

#	Article	IF	Citations
1	Resveratrol, a red wine polyphenol, protects spinal cord from ischemia-reperfusion injury. Journal of Vascular Surgery, 2004, 40, 138-145.	1.1	116
2	Effects of resveratrol on vascular tone and endothelial function of human saphenous vein and internal mammary artery. International Journal of Cardiology, 2005, 105, 209-215.	1.7	78
3	High-fructose corn syrup causes vascular dysfunction associated with metabolic disturbance in rats: Protective effect of resveratrol. Food and Chemical Toxicology, 2012, 50, 2135-2141.	3.6	58
4	Resveratrol prevents high-fructose corn syrup-induced vascular insulin resistance and dysfunction in rats. Food and Chemical Toxicology, 2013, 60, 160-167.	3.6	58
5	Dietary Fructose Activates Insulin Signaling and Inflammation in Adipose Tissue: Modulatory Role of Resveratrol. BioMed Research International, 2016, 2016, 1-10.	1.9	50
6	Epithelial and Endothelial Expressions of ACE2: SARS-CoV-2 Entry Routes. Journal of Pharmacy and Pharmaceutical Sciences, 2021, 24, 84-93.	2.1	44
7	Resveratrol Shows Vasoprotective Effect Reducing Oxidative Stress Without Affecting Metabolic Disturbances in Insulin-dependent Diabetes of Rabbits. Cardiovascular Drugs and Therapy, 2011, 25, 119-131.	2.6	41
8	Long-Term Dietary Fructose Causes Gender-Different Metabolic and Vascular Dysfunction in Rats: Modulatory Effects of Resveratrol. Cellular Physiology and Biochemistry, 2015, 37, 1407-1420.	1.6	38
9	Resveratrol Supplementation Gender Independently Improves Endothelial Reactivity and Suppresses Superoxide Production in Healthy Rats. Cardiovascular Drugs and Therapy, 2009, 23, 449-458.	2.6	36
10	High-fructose corn syrup-induced hepatic dysfunction in rats: improving effect of resveratrol. European Journal of Nutrition, 2015, 54, 895-904.	3.9	32
11	The effect of long-term resveratrol treatment on relaxation to estrogen in aortae from male and female rats: Role of nitric oxide and superoxide. Vascular Pharmacology, 2008, 49, 97-105.	2.1	28
12	Protective effect of cromakalim and diazoxide, and proulcerogenic effect of glibenclamide on indomethacin-induced gastric injury. European Journal of Pharmacology, 1999, 374, 461-470.	3.5	25
13	High-fructose in drinking water initiates activation of inflammatory cytokines and testicular degeneration in rat. Toxicology Mechanisms and Methods, 2019, 29, 224-232.	2.7	23
14	In Which Period of Injury Is Resveratrol Treatment Effective: Ischemia or Reperfusion?. Annals of Vascular Surgery, 2007, 21, 360-366.	0.9	22
15	The comparison of vascular reactivities of arterial and venous grafts to vasodilators: Management of graft spasm. International Journal of Cardiology, 1996, 53, 137-145.	1.7	21
16	Endothelial function of human gastroepiploic artery in comparison with saphenous vein. Cardiovascular Research, 1994, 28, 500-504.	3.8	18
17	The reactivity of serotonin, acetylcholine and kcl-induced contractions to relaxant agents in the rat gastric fundus. Pharmacological Research, 2002, 45, 325-331.	7.1	18
18	The Gender Differences in the Relaxation to Levosimendan of Human Internal Mammary Artery. Cardiovascular Drugs and Therapy, 2007, 21, 331-338.	2.6	16

#	Article	IF	Citations
19	Effects of Boxing Matches on Metabolic, Hormonal, and Inflammatory Parameters in Male Elite Boxers. Medicina (Lithuania), 2019, 55, 288.	2.0	16
20	Effects of Lactobacillus Plantarum and Lactobacillus Helveticus on Renal Insulin Signaling, Inflammatory Markers, and Glucose Transporters in High-Fructose-Fed Rats. Medicina (Lithuania), 2019, 55, 207.	2.0	16
21	Effect of Resveratrol on Nitrate Tolerance in Isolated Human Internal Mammary Artery. Journal of Cardiovascular Pharmacology, 2006, 47, 437-445.	1.9	16
22	The comparison of the responsiveness of human isolated internal mammary and gastroepiploic arteries to levcromakalim: an alternative approachto the management of graft spasm. British Journal of Clinical Pharmacology, 1997, 44, 49-56.	2.4	15
23	Potential mechanistic pathways underlying intestinal and hepatic effects of kefir in high-fructose-fed rats. Food Research International, 2021, 143, 110287.	6.2	15
24	Dietary Fructose-Induced Hepatic Injury in Male and Female Rats: Influence of Resveratrol. Drug Research, 2017, 67, 103-110.	1.7	12
25	Possible prostacyclin-mediated vascular effect of angiotensin II in the isolated perfused rat lung. Prostaglandins, Leukotrienes, and Medicine, 1983, 12, 77-83.	0.7	10
26	How DMSO, a Widely Used Solvent, Affects Spinal Cord Injury. Annals of Vascular Surgery, 2008, 22, 98-105.	0.9	10
27	Lactobacillus plantarumimproves lipogenesis and IRS-1/AKT/eNOS signalling pathway in the liver of high-fructose-fed rats. Archives of Physiology and Biochemistry, 2020, , 1-9.	2.1	9
28	Collaborative Therapy with Nebivalol and l-NAME for Spinal Cord Ischemia/Reperfusion Injury. Annals of Vascular Surgery, 2008, 22, 425-431.	0.9	8
29	A marked H1-receptor-mediated vasodilator effect of histamine in the isolated perfused rat heart. European Journal of Pharmacology, 1984, 97, 265-269.	3.5	7
30	Prevention by a carbacyclin analogue (ZK 36 374) of digoxin-induced ventricular extrasystoles in guinea-pig myocardium. European Journal of Pharmacology, 1984, 98, 125-128.	3.5	6
31	Dietary highâ€fructose reduces barrier proteins and activates mitogenic signalling in the testis of a rat model: Regulatory effects of kefir supplementation. Andrologia, 2022, 54, e14342.	2.1	6
32	Endothelial reactivity to the immediate hypersensitivity reaction of guinea pig pulmonary artery. European Journal of Pharmacology, 2000, 395, 225-228.	3.5	4
33	Involvement of prostanoids in the pulmonary pressor effect of histamine. Prostaglandins Leukotrienes and Essential Fatty Acids, 1989, 37, 25-29.	2.2	3
34	Effect of Ovalbumin Challenge on Endothelial Reactivity of Pulmonary Arteries from Sensitized Guinea-pigs. Pulmonary Pharmacology, 1995, 8, 115-122.	0.6	3
35	The Effects of Bumetanide on Human Umbilical Artery Contractions. Reproductive Sciences, 2007, 14, 246-252.	2.5	3
36	Iloprost (ZK 36374) modulates the responses to beta-adrenoceptor agonists in guinea-pig airways and pulmonary vasculature. Archives Internationales De Physiologie Et De Biochimie, 1985, 93, 263-269.	0.2	0

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37	The relaxation of the endothelin and noradrenaline-induced contraction in human vessels by nifedipine. European Journal of Pharmacology, 1990, 183, 1256.	3.5	0
38	Erratum to â€œthe comparison of vascular reactivities of arterial and venous grafts to vasodilators: Management of graft spasmâ€• International Journal of Cardiology, 1996, 53, 323.	1.7	0
39	The Characteristics of Contractions to Hyperosmolar Stress in Rat Aorta. International Journal of Pharmacology, 2011, 7, 340-348.	0.3	0