

# Fatma Akar

## List of Publications by Year in descending order

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Version: 2024-02-01

39  
papers

881  
citations

471061

17  
h-index

476904

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. <i>Journal of Vascular Surgery</i> , 2004, 40, 138-145.	0.6	116
2	Effects of resveratrol on vascular tone and endothelial function of human saphenous vein and internal mammary artery. <i>International Journal of Cardiology</i> , 2005, 105, 209-215.	0.8	78
3	High-fructose corn syrup causes vascular dysfunction associated with metabolic disturbance in rats: Protective effect of resveratrol. <i>Food and Chemical Toxicology</i> , 2012, 50, 2135-2141.	1.8	58
4	Resveratrol prevents high-fructose corn syrup-induced vascular insulin resistance and dysfunction in rats. <i>Food and Chemical Toxicology</i> , 2013, 60, 160-167.	1.8	58
5	Dietary Fructose Activates Insulin Signaling and Inflammation in Adipose Tissue: Modulatory Role of Resveratrol. <i>BioMed Research International</i> , 2016, 2016, 1-10.	0.9	50
6	Epithelial and Endothelial Expressions of ACE2: SARS-CoV-2 Entry Routes. <i>Journal of Pharmacy and Pharmaceutical Sciences</i> , 2021, 24, 84-93.	0.9	44
7	Resveratrol Shows Vasoprotective Effect Reducing Oxidative Stress Without Affecting Metabolic Disturbances in Insulin-dependent Diabetes of Rabbits. <i>Cardiovascular Drugs and Therapy</i> , 2011, 25, 119-131.	1.3	41
8	Long-Term Dietary Fructose Causes Gender-Different Metabolic and Vascular Dysfunction in Rats: Modulatory Effects of Resveratrol. <i>Cellular Physiology and Biochemistry</i> , 2015, 37, 1407-1420.	1.1	38
9	Resveratrol Supplementation Gender Independently Improves Endothelial Reactivity and Suppresses Superoxide Production in Healthy Rats. <i>Cardiovascular Drugs and Therapy</i> , 2009, 23, 449-458.	1.3	36
10	High-fructose corn syrup-induced hepatic dysfunction in rats: improving effect of resveratrol. <i>European Journal of Nutrition</i> , 2015, 54, 895-904.	1.8	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. <i>Vascular Pharmacology</i> , 2008, 49, 97-105.	1.0	28
12	Protective effect of cromakalim and diazoxide, and proulcerogenic effect of glibenclamide on indomethacin-induced gastric injury. <i>European Journal of Pharmacology</i> , 1999, 374, 461-470.	1.7	25
13	High-fructose in drinking water initiates activation of inflammatory cytokines and testicular degeneration in rat. <i>Toxicology Mechanisms and Methods</i> , 2019, 29, 224-232.	1.3	23
14	In Which Period of Injury Is Resveratrol Treatment Effective: Ischemia or Reperfusion?. <i>Annals of Vascular Surgery</i> , 2007, 21, 360-366.	0.4	22
15	The comparison of vascular reactivities of arterial and venous grafts to vasodilators: Management of graft spasm. <i>International Journal of Cardiology</i> , 1996, 53, 137-145.	0.8	21
16	Endothelial function of human gastroepiploic artery in comparison with saphenous vein. <i>Cardiovascular Research</i> , 1994, 28, 500-504.	1.8	18
17	The reactivity of serotonin, acetylcholine and kcl-induced contractions to relaxant agents in the rat gastric fundus. <i>Pharmacological Research</i> , 2002, 45, 325-331.	3.1	18
18	The Gender Differences in the Relaxation to Levosimendan of Human Internal Mammary Artery. <i>Cardiovascular Drugs and Therapy</i> , 2007, 21, 331-338.	1.3	16

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19	Effects of Boxing Matches on Metabolic, Hormonal, and Inflammatory Parameters in Male Elite Boxers. <i>Medicina (Lithuania)</i> , 2019, 55, 288.	0.8	16
20	Effects of <i>Lactobacillus Plantarum</i> and <i>Lactobacillus Helveticus</i> on Renal Insulin Signaling, Inflammatory Markers, and Glucose Transporters in High-Fructose-Fed Rats. <i>Medicina (Lithuania)</i> , 2019, 55, 207.	0.8	16
21	Effect of Resveratrol on Nitrate Tolerance in Isolated Human Internal Mammary Artery. <i>Journal of Cardiovascular Pharmacology</i> , 2006, 47, 437-445.	0.8	16
22	The comparison of the responsiveness of human isolated internal mammary and gastroepiploic arteries to levromakalim: an alternative approach to the management of graft spasm. <i>British Journal of Clinical Pharmacology</i> , 1997, 44, 49-56.	1.1	15
23	Potential mechanistic pathways underlying intestinal and hepatic effects of kefir in high-fructose-fed rats. <i>Food Research International</i> , 2021, 143, 110287.	2.9	15
24	Dietary Fructose-Induced Hepatic Injury in Male and Female Rats: Influence of Resveratrol. <i>Drug Research</i> , 2017, 67, 103-110.	0.7	12
25	Possible prostacyclin-mediated vascular effect of angiotensin II in the isolated perfused rat lung. <i>Prostaglandins, Leukotrienes, and Medicine</i> , 1983, 12, 77-83.	0.8	10
26	How DMSO, a Widely Used Solvent, Affects Spinal Cord Injury. <i>Annals of Vascular Surgery</i> , 2008, 22, 98-105.	0.4	10
27	<i>Lactobacillus plantarum</i> improves lipogenesis and IRS-1/AKT/eNOS signalling pathway in the liver of high-fructose-fed rats. <i>Archives of Physiology and Biochemistry</i> , 2020, , 1-9.	1.0	9
28	Collaborative Therapy with Nebivolol and L-NAME for Spinal Cord Ischemia/Reperfusion Injury. <i>Annals of Vascular Surgery</i> , 2008, 22, 425-431.	0.4	8
29	A marked H1-receptor-mediated vasodilator effect of histamine in the isolated perfused rat heart. <i>European Journal of Pharmacology</i> , 1984, 97, 265-269.	1.7	7
30	Prevention by a carbacyclin analogue (ZK 36 374) of digoxin-induced ventricular extrasystoles in guinea-pig myocardium. <i>European Journal of Pharmacology</i> , 1984, 98, 125-128.	1.7	6
31	Dietary high-fructose reduces barrier proteins and activates mitogenic signalling in the testis of a rat model: Regulatory effects of kefir supplementation. <i>Andrologia</i> , 2022, 54, e14342.	1.0	6
32	Endothelial reactivity to the immediate hypersensitivity reaction of guinea pig pulmonary artery. <i>European Journal of Pharmacology</i> , 2000, 395, 225-228.	1.7	4
33	Involvement of prostanoids in the pulmonary pressor effect of histamine. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 1989, 37, 25-29.	1.0	3
34	Effect of Ovalbumin Challenge on Endothelial Reactivity of Pulmonary Arteries from Sensitized Guinea-pigs. <i>Pulmonary Pharmacology</i> , 1995, 8, 115-122.	0.5	3
35	The Effects of Bumetanide on Human Umbilical Artery Contractions. <i>Reproductive Sciences</i> , 2007, 14, 246-252.	1.1	3
36	Iloprost (ZK 36374) modulates the responses to beta-adrenoceptor agonists in guinea-pig airways and pulmonary vasculature. <i>Archives Internationales De Physiologie Et De Biochimie</i> , 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. <i>European Journal of Pharmacology</i> , 1990, 183, 1256.	1.7	0
38	Erratum to "œthe comparison of vascular reactivities of arterial and venous grafts to vasodilators: Management of graft spasm". <i>International Journal of Cardiology</i> , 1996, 53, 323.	0.8	0
39	The Characteristics of Contractions to Hyperosmolar Stress in Rat Aorta. <i>International Journal of Pharmacology</i> , 2011, 7, 340-348.	0.1	0