

M A Alam

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

2,299
citations

236612

25
h-index

288905

40
g-index

40
all docs

40
docs citations

40
times ranked

3919
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of Citrus Flavonoids, Naringin and Naringenin, on Metabolic Syndrome and Their Mechanisms of Action. <i>Advances in Nutrition</i> , 2014, 5, 404-417.	2.9	529
2	Hydroxycinnamic acid derivatives: a potential class of natural compounds for the management of lipid metabolism and obesity. <i>Nutrition and Metabolism</i> , 2016, 13, 27.	1.3	215
3	Naringin Improves Diet-Induced Cardiovascular Dysfunction and Obesity in High Carbohydrate, High Fat Diet-Fed Rats. <i>Nutrients</i> , 2013, 5, 637-650.	1.7	163
4	High-fat diet-induced metabolic syndrome and oxidative stress in obese rats are ameliorated by yogurt supplementation. <i>Scientific Reports</i> , 2019, 9, 20026.	1.6	130
5	Ferulic Acid Improves Cardiovascular and Kidney Structure and Function in Hypertensive Rats. <i>Journal of Cardiovascular Pharmacology</i> , 2013, 61, 240-249.	0.8	126
6	Beneficial Role of Bitter Melon Supplementation in Obesity and Related Complications in Metabolic Syndrome. <i>Journal of Lipids</i> , 2015, 2015, 1-18.	1.9	74
7	Supplementation of <i>Syzygium cumini</i> seed powder prevented obesity, glucose intolerance, hyperlipidemia and oxidative stress in high carbohydrate high fat diet induced obese rats. <i>BMC Complementary and Alternative Medicine</i> , 2017, 17, 289.	3.7	69
8	Cardamom powder supplementation prevents obesity, improves glucose intolerance, inflammation and oxidative stress in liver of high carbohydrate high fat diet induced obese rats. <i>Lipids in Health and Disease</i> , 2017, 16, 151.	1.2	67
9	DPP-4 inhibitor sitagliptin prevents inflammation and oxidative stress of heart and kidney in two kidney and one clip (2K1C) rats. <i>Diabetology and Metabolic Syndrome</i> , 2015, 7, 107.	1.2	64
10	Pharmacological Inhibition of Soluble Epoxide Hydrolase Ameliorates Diet-Induced Metabolic Syndrome in Rats. <i>Experimental Diabetes Research</i> , 2012, 2012, 1-11.	3.8	58
11	Mitochondrial dysfunction in obesity: potential benefit and mechanism of Co-enzyme Q10 supplementation in metabolic syndrome. <i>Journal of Diabetes and Metabolic Disorders</i> , 2014, 13, 60.	0.8	58
12	Coenzyme Q10 prevents oxidative stress and fibrosis in isoprenaline induced cardiac remodeling in aged rats. <i>BMC Pharmacology & Toxicology</i> , 2017, 18, 29.	1.0	57
13	Canagliflozin ameliorates renal oxidative stress and inflammation by stimulating AMPK/eNOS pathway in the isoprenaline-induced oxidative stress model. <i>Scientific Reports</i> , 2020, 10, 14659.	1.6	57
14	Xanthine Oxidase Inhibitor, Allopurinol, Prevented Oxidative Stress, Fibrosis, and Myocardial Damage in Isoproterenol Induced Aged Rats. <i>Oxidative Medicine and Cellular Longevity</i> , 2015, 2015, 1-9.	1.9	55
15	Canagliflozin attenuates isoprenaline-induced cardiac oxidative stress by stimulating multiple antioxidant and anti-inflammatory signaling pathways. <i>Scientific Reports</i> , 2020, 10, 14459.	1.6	55
16	Astaxanthin Prevented Oxidative Stress in Heart and Kidneys of Isoproterenol-Administered Aged Rats. <i>Journal of Dietary Supplements</i> , 2018, 15, 42-54.	1.4	46
17	Analgesic Activity of the Different Fractions of the Aerial Parts of <i>Commelina benghalensis</i> Linn. <i>International Journal of Pharmacology</i> , 2009, 6, 63-67.	0.1	45
18	Supplementation of fresh ucche (<i>Momordica charantia</i> L. var. <i>muricata</i> Willd) prevented oxidative stress, fibrosis and hepatic damage in CCl ₄ treated rats. <i>BMC Complementary and Alternative Medicine</i> , 2015, 15, 115.	3.7	43

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19	Tadalafil enhances working memory, and reduces hippocampal oxidative stress in both young and aged mice. <i>European Journal of Pharmacology</i> , 2014, 745, 84-90.	1.7	38
20	Astaxanthin ameliorates hepatic damage and oxidative stress in carbon tetrachloride-administered rats. <i>Pharmacognosy Research (discontinued)</i> , 2017, 9, 84.	0.3	35
21	Chronic L-arginine treatment improves metabolic, cardiovascular and liver complications in diet-induced obesity in rats. <i>Food and Function</i> , 2013, 4, 83-91.	2.1	34
22	Apocynin prevented inflammation and oxidative stress in carbon tetra chloride induced hepatic dysfunction in rats. <i>Biomedicine and Pharmacotherapy</i> , 2017, 92, 421-428.	2.5	34
23	Supplementation of Citrus maxima Peel Powder Prevented Oxidative Stress, Fibrosis, and Hepatic Damage in Carbon Tetrachloride (CCl ₄) Treated Rats. <i>Evidence-based Complementary and Alternative Medicine</i> , 2015, 2015, 1-10.	0.5	33
24	Antinociceptive and anti-inflammatory properties of Ruellia tuberosa. <i>Pharmaceutical Biology</i> , 2009, 47, 209-214.	1.3	30
25	Angiotensin-converting enzyme inhibitor prevents oxidative stress, inflammation, and fibrosis in carbon tetrachloride-treated rat liver. <i>Toxicology Mechanisms and Methods</i> , 2016, 26, 46-53.	1.3	30
26	Functionalized hBN as targeted photothermal chemotherapy for complete eradication of cancer cells. <i>International Journal of Pharmaceutics</i> , 2017, 534, 206-212.	2.6	25
27	Polyphenolic compounds of amla prevent oxidative stress and fibrosis in the kidney and heart of 2K1C rats. <i>Food Science and Nutrition</i> , 2020, 8, 3578-3589.	1.5	17
28	High Carbohydrate High Fat Diet Induced Hepatic Steatosis and Dyslipidemia Were Ameliorated by Psidium guajava Leaf Powder Supplementation in Rats. <i>Evidence-based Complementary and Alternative Medicine</i> , 2019, 2019, 1-12.	0.5	15
29	Antioxidant and Membrane Stabilizing Properties of the Flowering Tops of Anthocephalus Cadamba. <i>Natural Product Communications</i> , 2008, 3, 1934578X0800300.	0.2	13
30	In-vitro Relationship between Protein-binding and Free Drug Concentrations of a Water-soluble Selective Beta-adrenoreceptor Antagonist (Atenolol) and Its Interaction with Arsenic. <i>Journal of Health, Population and Nutrition</i> , 2009, 27, 20-30.	0.7	11
31	Iron deposition causes oxidative stress, inflammation and fibrosis in carbon tetrachloride-induced liver dysfunction in rats. <i>Bangladesh Journal of Pharmacology</i> , 2015, 10, .	0.1	11
32	Ellagic acid rich Momordica charantia fruit pulp supplementation prevented oxidative stress, fibrosis and inflammation in liver of alloxan induced diabetic rats. <i>Oriental Pharmacy and Experimental Medicine</i> , 2016, 16, 267-278.	1.2	11
33	Phenolic content analysis in Psidium guajava leaves powder by HPLC-DAD system and in vivo renoprotective and antioxidant activities in fludrocortisone acetate induced rats. <i>Journal of Food Biochemistry</i> , 2018, 42, e12687.	1.2	11
34	In vitro Anti-oxidant Activity and HPLC-DAD System Based Phenolic Content Analysis of Codiaeum variegatum Found in Bangladesh. <i>Advanced Pharmaceutical Bulletin</i> , 2014, 4, 533-41.	0.6	9
35	Cardioprotective effect of Amaranthus tricolor extract in isoprenaline induced myocardial damage in ovariectomized rats. <i>Biomedicine and Pharmacotherapy</i> , 2018, 103, 1154-1162.	2.5	8
36	Supplementation of Rosemary Leaves (Rosmarinus officinalis) Powder Attenuates Oxidative Stress, Inflammation and Fibrosis in Carbon Tetrachloride (CCl ₄) Treated Rats. <i>Current Nutrition and Food Science</i> , 2016, 12, 288-295.	0.3	8

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37	<i>Mango</i> peel powder supplementation prevents oxidative stress, inflammation, and fibrosis in carbon tetrachloride induced hepatic dysfunction in rats. <i>Journal of Food Biochemistry</i> , 2017, 41, e12344.	1.2	7
38	HPLC-DAD System-Based Phenolic Content Analysis and In Vitro Antioxidant Activities of Rice Bran Obtained from Aush Dhan (<i>Oryza Sativa</i>) of Bangladesh. <i>Journal of Food Biochemistry</i> , 2015, 39, 462-470.	1.2	3
39	<i>Flacourtia indica</i> fruit extract modulated antioxidant gene expression, prevented oxidative stress and ameliorated kidney dysfunction in isoprenaline administered rats. <i>Biochemistry and Biophysics Reports</i> , 2021, 26, 101012.	0.7	3
40	Etoricoxib treatment prevented body weight gain and ameliorated oxidative stress in the liver of high-fat diet-fed rats. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2021, 394, 33-47.	1.4	2