

Momoh Audu Yakubu

List of Publications by Year in descending order

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103
papers

961
citations

516215

16
h-index

500791

28
g-index

105
all docs

105
docs citations

105
times ranked

1051
citing authors

#	ARTICLE	IF	CITATIONS
1	[3H]yohimbine and [3H]idazoxan bind to different sites on rabbit forebrain and kidney membranes. <i>European Journal of Pharmacology</i> , 1988, 146, 345-348.	1.7	90
2	Sodium fluoride induces hypertension and cardiac complications through generation of reactive oxygen species and activation of nuclear factor kappa beta. <i>Environmental Toxicology</i> , 2017, 32, 1089-1101.	2.1	69
3	Changes in <i>Trypanosoma cruzi</i> infectivity by treatments that affect calcium ion levels. <i>Molecular and Biochemical Parasitology</i> , 1994, 66, 119-125.	0.5	66
4	Regulation of ET-1 biosynthesis in cerebral microvascular endothelial cells by vasoactive agents and PKC. <i>American Journal of Physiology - Cell Physiology</i> , 1999, 276, C300-C305.	2.1	48
5	Luteolin-mediated Kim α 1/NF κ B/Nrf2 signaling pathways protects sodium fluoride-induced hypertension and cardiovascular complications. <i>BioFactors</i> , 2018, 44, 518-531.	2.6	45
6	Quercetin attenuates hypertension induced by sodium fluoride via reduction in oxidative stress and modulation of HSP 70/ERK/PPAR γ signaling pathways. <i>BioFactors</i> , 2018, 44, 465-479.	2.6	41
7	Ameliorative Effect of Gallic Acid in Doxorubicin-Induced Hepatotoxicity in Wistar Rats Through Antioxidant Defense System. <i>Journal of Dietary Supplements</i> , 2018, 15, 183-196.	1.4	39
8	Cobalt chloride toxicity elicited hypertension and cardiac complication via induction of oxidative stress and upregulation of COX-2/Bax signaling pathway. <i>Human and Experimental Toxicology</i> , 2019, 38, 519-532.	1.1	36
9	L-type voltage-dependent Ca ²⁺ channels in cerebral microvascular endothelial cells and ET-1 biosynthesis. <i>American Journal of Physiology - Cell Physiology</i> , 2002, 283, C1687-C1695.	2.1	33
10	Orchidectomy attenuates high salt diet-induced increases in blood pressure, renovascular resistance, and hind limb vascular dysfunction: role of testosterone. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2016, 43, 825-833.	0.9	29
11	Peroxisome Proliferator-Activated Receptor γ Activation-Mediated Regulation of Endothelin-1 Production via Nitric Oxide and Protein Kinase C Signaling Pathways in Piglet Cerebral Microvascular Endothelial Cell Culture. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2007, 320, 774-781.	1.3	27
12	Potential health benefits of zinc supplementation for the management of COVID-19 pandemic. <i>Journal of Food Biochemistry</i> , 2021, 45, e13604.	1.2	24
13	Sodium arsenite-induced cardiovascular and renal dysfunction in rat via oxidative stress and protein kinase B (Akt/PKB) signaling pathway. <i>Redox Report</i> , 2017, 22, 467-477.	1.4	19
14	Ameliorative effect of Rutin on sodium fluoride-induced hypertension through modulation of Kim α 1/NF κ B/Nrf2 signaling pathway in rats. <i>Environmental Toxicology</i> , 2018, 33, 1284-1297.	2.1	18
15	Ameliorative effect of gallic acid on doxorubicin-induced cardiac dysfunction in rats. <i>Journal of Basic and Clinical Physiology and Pharmacology</i> , 2018, 29, 19-27.	0.7	17
16	Protective Effect of <i>Azadirachta indica</i> and Vitamin E Against Arsenic Acid-Induced Genotoxicity and Apoptosis in Rats. <i>Journal of Dietary Supplements</i> , 2018, 15, 251-268.	1.4	17
17	Clofibrate, a PPAR α agonist, abrogates sodium fluoride-induced neuroinflammation, oxidative stress, and motor incoordination via modulation of GFAP/Iba α 1/anti α calbindin signaling pathways. <i>Environmental Toxicology</i> , 2020, 35, 242-253.	2.1	17
18	Differences in the regulation of [3H]idazoxan and [3H]yohimbine binding sites in the rabbit. <i>European Journal of Pharmacology</i> , 1990, 176, 305-311.	1.7	16

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19	Inhibition of S-Adenosyl-L-Methionine (AdoMet) Decarboxylase by the Decarboxylated AdoMet Analog 5'-[(Z)-4-Amino-2-Butenyl]Methylamino-5'-Deoxyadenosine (MDL 73811) Decreases the Capacities of <i>Trypanosoma cruzi</i> to Infect and Multiply within a Mammalian Host Cell. <i>Journal of Parasitology</i> , 1993, 79, 525.	0.3	16
20	Hematoma-Induced Enhanced Cerebral Vasoconstrictions to Leukotriene C4 and Endothelin-1 in Piglets: Role of Prostanoids. <i>Pediatric Research</i> , 1995, 38, 119-123.	1.1	16
21	Role of endothelin-1 in cerebral hematoma-induced modification of cerebral vascular reactivity in piglets. <i>Brain Research</i> , 1996, 734, 149-156.	1.1	16
22	Link between free radicals and protein kinase C in glucose-induced alteration of vascular dilation. <i>Life Sciences</i> , 2004, 75, 2921-2932.	2.0	16
23	Antihypertensive power of Naringenin is mediated via attenuation of mineralocorticoid receptor (MCR)/ angiotensin converting enzyme (ACE)/ kidney injury molecule (Kim-1) signaling pathway. <i>European Journal of Pharmacology</i> , 2020, 880, 173142.	1.7	16
24	Antihypertensive Effect of Polyphenol-Rich Fraction of <i>Azadirachta indica</i> on Nitro-L-Arginine Methyl Ester-Induced Hypertension and Cardiorenal Dysfunction. <i>Drug Research</i> , 2019, 69, 12-22.	0.7	14
25	DL-Î±-Difluoromethylarginine Inhibits Intracellular <i>Trypanosoma cruzi</i> Multiplication by Affecting Cell Division but Not Trypomastigote-Amastigote Transformation. <i>Journal of Parasitology</i> , 1992, 78, 414.	0.3	13
26	Ameliorative effect of <i>Azadirachta indica</i> on sodium fluoride-induced hypertension through improvement of antioxidant defence system and upregulation of extracellular signal regulated kinase 1/2 signaling. <i>Journal of Basic and Clinical Physiology and Pharmacology</i> , 2018, 29, 155-164.	0.7	13
27	Kolaviron, biflavonoid complex from the seed of <i>Garcinia kola</i> attenuated angiotensin II- and lypopolysaccharide-induced vascular smooth muscle cell proliferation and nitric oxide production. <i>Pharmacognosy Research (discontinued)</i> , 2016, 8, 50.	0.3	13
28	5-Hydroxytryptamine-Induced Vasoconstriction after Cerebral Hematoma in Piglets. <i>Pediatric Research</i> , 1997, 41, 317-320.	1.1	12
29	Preconditioning with <i>Azadirachta indica</i> ameliorates cardiorenal dysfunction through reduction in oxidative stress and extracellular signal regulated protein kinase signalling. <i>Journal of Ayurveda and Integrative Medicine</i> , 2016, 7, 209-217.	0.9	11
30	Novel antihypertensive action of rutin is mediated via inhibition of angiotensin converting enzyme/mineralocorticoid receptor/angiotensin 2 type 1 receptor (ATR1) signaling pathways in uninephrectomized hypertensive rats. <i>Journal of Food Biochemistry</i> , 2020, 44, e13534.	1.2	11
31	Luteolin mitigates potassium dichromate-induced nephrotoxicity, cardiotoxicity and genotoxicity through modulation of Kim-1/Nrf2 signaling pathways. <i>Environmental Toxicology</i> , 2021, 36, 2146-2160.	2.1	11
32	Idazoxan and brain Î±2-adrenoceptors in the rabbit. <i>Brain Research</i> , 1988, 463, 289-295.	1.1	10
33	Effect of arsenic acid withdrawal on hepatotoxicity and disruption of erythrocyte antioxidant defense system. <i>Toxicology Reports</i> , 2017, 4, 521-529.	1.6	10
34	Kolaviron attenuated arsenic acid induced-cardiorenal dysfunction via regulation of ROS, C-reactive proteins (CRP), cardiac troponin I (CTnI) and BCL2. <i>Journal of Traditional and Complementary Medicine</i> , 2018, 8, 396-409.	1.5	10
35	Desensitization and down-regulation of brain alpha 2-adrenoceptors by centrally acting antihypertensive drugs.. <i>British Journal of Clinical Pharmacology</i> , 1990, 30, 131S-134S.	1.1	8
36	Enhanced pial arteriolar sensitivity to bioactive agents following exposure to endothelin-1. <i>Life Sciences</i> , 1999, 66, 307-316.	2.0	8

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37	Clofibrate, a Peroxisome Proliferator-Activated Receptor-Alpha (PPAR α) Agonist, and Its Molecular Mechanisms of Action against Sodium Fluoride-Induced Toxicity. <i>Biological Trace Element Research</i> , 2022, 200, 1220-1236.	1.9	8
38	High salt diet modulates cAMP- and nitric oxide-mediated relaxation responses to isoproterenol in the rat aorta. <i>European Journal of Pharmacology</i> , 2003, 474, 241-247.	1.7	7
39	Differential modulation of bradykinin-induced relaxation of endothelin-1 and phenylephrine contractions of rat aorta by antioxidants. <i>Acta Pharmacologica Sinica</i> , 2007, 28, 1566-1572.	2.8	6
40	Ramipril blunts glycerol-induced acute renal failure in rats through its antiapoptosis, anti-inflammatory, antioxidant, and renin-inhibiting properties. <i>Journal of Basic and Clinical Physiology and Pharmacology</i> , 2021, 32, 225-235.	0.7	6
41	Consequences of maternal cocaine on cerebral microvascular functions in piglets. <i>Brain Research</i> , 2002, 947, 174-181.	1.1	5
42	Regulation of cerebral microvascular endothelial cell cyclooxygenase-2 message and activity by blood derived vasoactive agents. <i>Brain Research Bulletin</i> , 2005, 68, 150-156.	1.4	5
43	The aqueous tuber extract of <i>Pueraria tuberosa</i> (Willd.) D.C. caused cytotoxic effect on HT 29 cell lines with down regulation of nuclear factor-kappa B (NF- κ B). <i>Journal of Complementary and Integrative Medicine</i> , 2019, 16, .	0.4	5
44	Regulation of cerebrovascular endothelial peroxisome proliferator activator receptor alpha expression and nitric oxide production by clofibrate. <i>Bratislava Medical Journal</i> , 2010, 111, 258-64.	0.4	5
45	Nephroprotective properties of the methanol stem extract of <i>Abrus precatorius</i> on gentamicin-induced renal damage in rats. <i>Journal of Complementary and Integrative Medicine</i> , 2019, 16, .	0.4	4
46	Antiproliferative Effect of Kolaviron, a Biflavonoid Complex from the Seed of <i>Garcinia kola</i> on Vascular Smooth Muscle Cells (VSMs) and A549 Cancer Cell Line. <i>FASEB Journal</i> , 2015, 29, 945.17.	0.2	3
47	Determination of lindane and its metabolites by HPLC-UV-Vis and MALDI-TOF. , 2012, 01, .		3
48	VASOACTIVE AGENTS STIMULATE ENDOTHELIN-1 (ET-1) PRODUCTION FROM ENDOTHELIAL CELLS VIA PROTEIN KINASE C. \approx 1111. <i>Pediatric Research</i> , 1997, 41, 188-188.	1.1	3
49	2Am-DNT Induces Cell Death and Apoptosis in Human Cells. <i>Journal of Environmental Pathology, Toxicology and Oncology</i> , 2009, 28, 231-234.	0.6	2
50	Correction: Antihypertensive Effect of Polyphenol-Rich Fraction of <i>Azadirachta indica</i> on Nitro-L-Arginine Methyl Ester-Induced Hypertension and Cardiorenal Dysfunction. <i>Drug Research</i> , 2019, 69, e1-e1.	0.7	2
51	Cardioprotective effects and antioxidant status of <i>Andrographis paniculata</i> in isoproterenol-induced myocardial infarction in rats. <i>Journal of Medicinal Plants for Economic Development</i> , 2019, 3, .	0.3	2
52	Luteolin Attenuates Glycerol-Induced Acute Renal Failure and Cardiac Complications Through Modulation of Kim-1/NF- κ B/Nrf2 Signaling Pathways. <i>Journal of Dietary Supplements</i> , 2020, 18, 1-23.	1.4	2
53	The lyophilized aqueous leaf extract of <i>Moringa oleifera</i> blunts streptozocin-induced diabetes in rats through upregulation of GLUT 4 signaling pathway and anti-oxidant effect. <i>Scientific African</i> , 2020, 10, e00619.	0.7	2
54	Hypotensive and antihypertensive effects of an aqueous extract from Guinep fruit (<i>Melicoccus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62	1.6	2

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55	Methanol leaf extract of <i>Momordica charantia</i> protects alloxan-induced hepatopathy through modulation of caspase-9 and interleukin-1 β signaling pathways in rats. <i>Veterinary World</i> , 2020, 13, 1528-1535.	0.7	2
56	Impaired endothelium-dependent and -independent relaxation of aorta from diabetic rats. <i>Bratislava Medical Journal</i> , 2012, 113, 59-63.	0.4	1
57	Determination of $\hat{1}^3$ -hexachlorocyclohexane and its metabolites in biological samples from rat. <i>Journal of Analytical Chemistry</i> , 2016, 71, 310-319.	0.4	1
58	The Methanol Seed Extract of <i>Garcinia kola</i> Attenuated Angiotensin II- and Lipopolysaccharide-Induced Vascular Smooth Muscle Cell Proliferation and Nitric Oxide Production. <i>Macedonian Veterinary Review</i> , 2016, 39, 153-158.	0.2	1
59	Cell Proliferation and Cytotoxic Studies of <i>Vernonia amygdalina</i> on Vascular Smooth Muscle Cells and HT 29 Cell Lines. <i>Journal of Pharmaceutical Research International</i> , 2018, 21, 1-10.	1.0	1
60	Does H ₂ S modulate NO level in cerebral microvascular cells?. <i>FASEB Journal</i> , 2007, 21, A1386.	0.2	1
61	The Methanol Extract of <i>Garcinia kola</i> Seed Blunts Lipopolysaccharide (LPS) and Angiotensin II-induced Cell Proliferation as well as Nitric Oxide Production in In Vitro Vascular Smooth Muscle Cells (VSMC) Assay. <i>FASEB Journal</i> , 2015, 29, 773.6.	0.2	1
62	Nephroprotective Effects of <i>Vernonia amygdalina</i> in Alloxan-induced Diabetes in Rats. <i>International Journal of Biochemistry Research & Review</i> , 2018, 21, 1-15.	0.1	1
63	Butanol extract of <i>Morinda Lucida</i> (BEML) protects against Isoproterenol-induced myocardial infarction in Wistar rats. <i>FASEB Journal</i> , 2018, 32, lb298.	0.2	1
64	Environmental Exposure to Lead, Vanadium, Copper and Selenium: Possible Implications in the Development of Autism Spectrum Disorders. <i>Neuroscience and Medicine</i> , 2019, 10, 247-258.	0.2	1
65	Effect of cocoa powder on hypertension and antioxidant status in uninephrectomized hypertensive rats. <i>Veterinary World</i> , 2020, 13, 695-705.	0.7	1
66	Environmental Chemicals Disrupted Lipid/Fatty Acid Contents of Rat Organs and Reversed by Treatment With Citrus Lime Nano-particle. <i>FASEB Journal</i> , 2020, 34, 1-1.	0.2	1
67	Methanol extract of <i>Caesalpinia benthiana</i> normalizes blood pressure and attenuates oxidative stress in uninephrectomized hypertensive rats. <i>Journal of Basic and Clinical Physiology and Pharmacology</i> , 2021, 32, 109-119.	0.7	1
68	The therapeutic potential of the novel angiotensin-converting enzyme 2 in the treatment of coronavirus disease-19. <i>Veterinary World</i> , 2021, 14, 2705-2713.	0.7	0
69	Chronic Exposure to Polychlorinated Biphenyls Alters Vascular Relaxation and Cerebral Microvascular eNOS Expression. <i>FASEB Journal</i> , 2006, 20, A642.	0.2	0
70	Attenuation of Hydrogen Sulfide-induced Relaxation of Aorta from Diabetic Rats. <i>FASEB Journal</i> , 2008, 22, 1148.22.	0.2	0
71	Regulation of Cerebral Blood Flow by Hydrogen Sulfide. <i>FASEB Journal</i> , 2010, 24, 957.6.	0.2	0
72	Interactions of PPAR α and Acid Sensing Ion Channels on Cerebral Perfusion in Mice. <i>FASEB Journal</i> , 2011, 25, 1024.27.	0.2	0

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73	Analysis of Lindane and Metabolites by HPLC-UV-Vis and MALDI-TOF. FASEB Journal, 2012, 26, 1b590.	0.2	0
74	Vascular Signaling Pathways for Bisphenol A. FASEB Journal, 2012, 26, 1050.16.	0.2	0
75	DETERMINATION OF BPA AND ITS METABOLITES BY HPLC-UV-Vis AND MALDI-TOF. FASEB Journal, 2013, 27, 1b636.	0.2	0
76	Effects of PPAR α Activation and the Role of HO α 1 in Acute SAH-induced Fall in Cerebral Blood Flow in Rat. FASEB Journal, 2013, 27, 1b502.	0.2	0
77	ENDOTHELIN-1 (ET-1) STIMULATES LYSPHOSPHATIDIC ACID (LPA) PRODUCTION BY PIGLET CEREBRAL MICROVASCULAR ENDOTHELIAL CELLS. 1112. Pediatric Research, 1997, 41, 188-188.	1.1	0
78	Inhibition of Cyclooxygenase 2 (COX-2) Alters Cerebral Vasoreactivity to Endothelin-1 (Et-1) Administration. Pediatric Research, 1999, 45, 40A-40A.	1.1	0
79	Analysis of persistent organic compounds and metals in urine samples of young adults (844.5). FASEB Journal, 2014, 28, 844.5.	0.2	0
80	Synthesis, characterization and toxicity studies of [Ru 2 (Aap) 4 cl]: a diruthenium complex (655.12). FASEB Journal, 2014, 28, 655.12.	0.2	0
81	HPLC Uv-Vis Analysis of Multiple Pesticides Extracted from Biological Tissues: Effects of Acetonitrile/Hexane on Detection.. FASEB Journal, 2015, 29, 776.1.	0.2	0
82	Antiproliferative Effect of Methanolic Extract of Azadirachta indica on Vascular Smooth Muscle Cells (VSMCs). FASEB Journal, 2015, 29, 803.4.	0.2	0
83	Antiproliferative and Cytotoxic Evaluation of Herbal Supplement SAABFAT6 on HT29 Colorectal Adenocarcinoma Cells. FASEB Journal, 2015, 29, LB541.	0.2	0
84	Kolaviron-induced Inhibition of H1299 Lung Cancer Cells Growth and Survival via PKA/P13K Pathways. FASEB Journal, 2015, 29, LB539.	0.2	0
85	Hormetic Response of H1299 Proliferation to Extracts of Hydнора Johannis Becc (Kausen Kasa) is Mediated Via Estrogen Receptor/EGFR and PKC. FASEB Journal, 2018, 32, 1b676.	0.2	0
86	Nephroprotective properties of the methanol stem extract of Abrus precatorius on gentamicin-induced renal damage through suppression of NF κ B/CRP and enhancement of Bcl α 2 signaling pathways. FASEB Journal, 2019, 33, 671.10.	0.2	0
87	Multiple Persistent Environmental Chemicals at Low Concentrations Differentially Regulates Fatty Acids/Lipids in Wild Type and PPARA α Mice. FASEB Journal, 2019, 33, .	0.2	0
88	Modulation of N α -Nitro-L-Arginine methyl ester (L-NAME)-induced Hypertension and Cardiorenal Oxidative Stress by Methanol Extract of Persea americana Root. FASEB Journal, 2019, 33, 835.2.	0.2	0
89	Polyphenol-Rich Fraction of Parquetina nigrescens Quenches Dichlorvos-induced Cardiorenal Dysfunction through Reduction in Nitrotyrosine/ p38 MAPK pathways. FASEB Journal, 2019, 33, 671.9.	0.2	0
90	Amelioration of N α -Nitro-L-Arginine Methyl Ester (L-NAME)-induced hypertension and cardiorenal oxidative stress by the methanol bark extract of Persea americana. FASEB Journal, 2019, 33, 833.1.	0.2	0

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91	The Ethanol Leaf Extract of <i>Moringa Oleifera</i> Blunts Isoproterenol-induced Cardiotoxicity in Rats through Mitigation of Free Radical Production and Down Regulation of Cardiac Troponin and Nuclear Factor Kappa B. <i>FASEB Journal</i> , 2019, 33, 818.7.	0.2	0
92	Luteolin attenuates glycerol-induced acute renal failure through modulation of Kim-1/NF- κ B/Nrf2 signaling pathways. <i>FASEB Journal</i> , 2019, 33, 678.9.	0.2	0
93	Fatty Amides in Minutes: Direct Formation from Fatty Esters in a Green Synthetic Process. <i>Science Journal of Analytical Chemistry</i> , 2020, 8, 18.	0.1	0
94	Antihypertensive effect of <i>Launaea taraxacifolia</i> on Nitro Arginine Methyl Ester (NAME) Induced Hypertension. <i>FASEB Journal</i> , 2020, 34, 1-1.	0.2	0
95	Ramipril Blunt Glycerol-induced Acute Renal Failure in Rats Through its Anti-apoptosis, Anti-inflammatory, Anti-oxidant, and Renin-inhibiting Properties. <i>FASEB Journal</i> , 2020, 34, 1-1.	0.2	0
96	<i>In vitro</i> antioxidant, anti-inflammatory and antihypertensive activities of methanol leaf extract of <i>Peasea americana</i> . <i>FASEB Journal</i> , 2020, 34, 1-1.	0.2	0
97	Antihypertensive effect of methanol leaf extract of <i>Anacardium occidentale</i> against NAME-induced hypertension in male Wistar rats. <i>FASEB Journal</i> , 2020, 34, 1-1.	0.2	0
98	Influence of Oxidative stress and NF- κ B/CRP/Bcl-2 Signaling on Gentamicin Induced Renal Toxicology and the ameliorative effect of chloroform extract of <i>Abrus precatorius</i> in male Wistar rats. <i>FASEB Journal</i> , 2020, 34, 1-1.	0.2	0
99	Effect of Hydrogen Sulfide-Releasing Compounds on Proliferation of Human Colon Cancer HT29 Cells. <i>FASEB Journal</i> , 2020, 34, 1-1.	0.2	0
100	Antihypertensive effect of methanol leaf extract of <i>Azadirachta indica</i> was mediated through suppression of renal caspase 3 expressions on NAME induced hypertension. <i>FASEB Journal</i> , 2020, 34, 1-1.	0.2	0
101	Detection of Pesticide Residues in Fruits and Vegetables: Degradation and Removal by Ozonolysis. <i>FASEB Journal</i> , 2020, 34, 1-1.	0.2	0
102	Ameliorative effects of <i>Moringa oleifera</i> (MO) seeds on NAME-induced hypertension in rats. <i>FASEB Journal</i> , 2020, 34, 1-1.	0.2	0
103	<i>Annona muricata</i> mitigates glycerol-induced nephrotoxicities in male albino rats through signaling pathways of angiotensin conversion enzyme, kidney injury molecule-1, and antioxidant properties. <i>Scientific African</i> , 2022, 16, e01225.	0.7	0