

Veronica F Salau

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

425
citations

933410

10
h-index

839512

18
g-index

43
all docs

43
docs citations

43
times ranked

263
citing authors

#	ARTICLE	IF	CITATIONS
1	Vanillin and vanillic acid modulate antioxidant defense system via amelioration of metabolic complications linked to Fe ²⁺ -induced brain tissues damage. <i>Metabolic Brain Disease</i> , 2020, 35, 727-738.	2.9	60
2	Ferulic Acid Modulates Dysfunctional Metabolic Pathways and Purinergic Activities, While Stalling Redox Imbalance and Cholinergic Activities in Oxidative Brain Injury. <i>Neurotoxicity Research</i> , 2020, 37, 944-955.	2.7	35
3	Quinoline Functionalized Schiff Base Silver (I) Complexes: Interactions with Biomolecules and In Vitro Cytotoxicity, Antioxidant and Antimicrobial Activities. <i>Molecules</i> , 2021, 26, 1205.	3.8	32
4	Caffeic Acid Protects against Iron-Induced Cardiotoxicity by Suppressing Angiotensin-Converting Enzyme Activity and Modulating Lipid Spectrum, Gluconeogenesis and Nucleotide Hydrolyzing Enzyme Activities. <i>Biological Trace Element Research</i> , 2021, 199, 1052-1061.	3.5	26
5	<i>Dacryodes edulis</i> (G. Don) H.J. Lam modulates glucose metabolism, cholinergic activities and Nrf2 expression, while suppressing oxidative stress and dyslipidemia in diabetic rats. <i>Journal of Ethnopharmacology</i> , 2020, 255, 112744.	4.1	21
6	Umbelliferone stimulates glucose uptake; modulates gluconeogenic and nucleotide-hydrolyzing enzymes activities, and dysregulated lipid metabolic pathways in isolated psoas muscle. <i>Journal of Functional Foods</i> , 2020, 67, 103847.	3.4	20
7	<i>Buddleja saligna</i> Willd (Loganiaceae) inhibits angiotensin-converting enzyme activity in oxidative cardiopathy with concomitant modulation of nucleotide hydrolyzing enzymatic activities and dysregulated lipid metabolic pathways. <i>Journal of Ethnopharmacology</i> , 2020, 248, 112358.	4.1	15
8	Modulatory effect of ursolic acid on neurodegenerative activities in oxidative brain injury: An <i>in vivo</i> study. <i>Journal of Food Biochemistry</i> , 2021, 45, e13597.	2.9	13
9	Exposure to 2,5-hexanedione is accompanied by ovarian and uterine oxidative stress and disruption of endocrine balance in rats. <i>Drug and Chemical Toxicology</i> , 2015, 38, 400-407.	2.3	12
10	Kolaviron modulates dysregulated metabolism in oxidative pancreatic injury and inhibits intestinal glucose absorption with concomitant stimulation of muscle glucose uptake. <i>Archives of Physiology and Biochemistry</i> , 2023, 129, 157-167.	2.1	12
11	Vanillin exerts therapeutic effects against hyperglycemia-altered glucose metabolism and purinergic activities in testicular tissues of diabetic rats. <i>Reproductive Toxicology</i> , 2021, 102, 24-34.	2.9	12
12	<i>Ocimum tenuiflorum</i> mitigates iron-induced testicular toxicity via modulation of redox imbalance, cholinergic and purinergic dysfunctions, and glucose metabolizing enzymes activities. <i>Andrologia</i> , 2021, 53, e14179.	2.1	12
13	Ferulic acid promotes muscle glucose uptake and modulate dysregulated redox balance and metabolic pathways in ferric-induced pancreatic oxidative injury. <i>Journal of Food Biochemistry</i> , 2021, , e13641.	2.9	10
14	Evaluation of substituent bioactivity and anion impact of linear and T-shaped silver(pyridinyl) complexes as potential antiproliferative, antioxidant, antimicrobial agents and DNA- and BSA-binders. <i>New Journal of Chemistry</i> , 2021, 45, 17827-17846.	2.8	9
15	Caffeic acid regulates glucose homeostasis and inhibits purinergic and cholinergic activities while abating oxidative stress and dyslipidaemia in fructose-streptozotocin-induced diabetic rats. <i>Journal of Pharmacy and Pharmacology</i> , 2022, 74, 973-984.	2.4	9
16	Caffeic acid improves glucose utilization and maintains tissue ultrastructural morphology while modulating metabolic activities implicated in neurodegenerative disorders in isolated rat brains. <i>Journal of Biochemical and Molecular Toxicology</i> , 2021, 35, e22610.	3.0	8
17	Kolaviron: A Biflavonoid with Numerous Health Benefits. <i>Current Pharmaceutical Design</i> , 2021, 27, 490-504.	1.9	8
18	L-leucine stimulation of glucose uptake and utilization involves modulation of glucose lipid metabolic switch and improved bioenergetic homeostasis in isolated rat psoas muscle <i>ex vivo</i> . <i>Amino Acids</i> , 2021, 53, 1135-1151.	2.7	8

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19	Cannabis sativa L. (var. indica) Exhibits Hepatoprotective Effects by Modulating Hepatic Lipid Profile and Mitigating Gluconeogenesis and Cholinergic Dysfunction in Oxidative Hepatic Injury. <i>Frontiers in Pharmacology</i> , 2021, 12, 705402.	3.5	8
20	Bioactive compounds of African star apple (<i>Chrysophyllum albidum</i> G. Don) and its modulatory effect on metabolic activities linked to type 2 diabetes in isolated rat psoas muscle. <i>Journal of Food Biochemistry</i> , 2021, 45, e13576.	2.9	7
21	The antioxidant and antidiabetic potentials of polyphenolic-rich extracts of <i>Cyperus rotundus</i> (Linn.). <i>Journal of Biomolecular Structure and Dynamics</i> , 2022, 40, 12075-12087.	3.5	7
22	Vanillin improves glucose homeostasis and modulates metabolic activities linked to type 2 diabetes in fructose-streptozotocin induced diabetic rats. <i>Archives of Physiology and Biochemistry</i> , 2024, 130, 169-182.	2.1	7
23	A study of structure-activity relationship and anion-controlled quinoliny Ag(I) complexes as antimicrobial and antioxidant agents as well as their interaction with macromolecules. <i>BioMetals</i> , 2022, 35, 363-394.	4.1	7
24	Strawberry fruit (<i>Fragaria x ananassa</i> cv. Romina) extenuates iron-induced cardiac oxidative injury via effects on redox balance, angiotensin-converting enzyme, purinergic activities, and metabolic pathways. <i>Journal of Food Biochemistry</i> , 2020, 44, e13315.	2.9	6
25	Kolaviron stimulates glucose uptake with concomitant modulation of metabolic activities implicated in neurodegeneration in isolated rat brain, without perturbation of tissue ultrastructural morphology. <i>Neuroscience Research</i> , 2021, 169, 57-68.	1.9	6
26	Vanillin modulates activities linked to dysmetabolism in psoas muscle of diabetic rats. <i>Scientific Reports</i> , 2021, 11, 18724.	3.3	6
27	Ferric-Induced Pancreatic Injury Involves Exacerbation of Cholinergic and Proteolytic Activities, and Dysregulation of Metabolic Pathways: Protective Effect of Caffeic Acid. <i>Biological Trace Element Research</i> , 2020, 196, 517-527.	3.5	5
28	Cola nitida infusion modulates cardiometabolic activities linked to cardiomyopathy in diabetic rats. <i>Food and Chemical Toxicology</i> , 2021, 154, 112335.	3.6	5
29	<i>Harpephyllum caffrum</i> fruit (wild plum) facilitates glucose uptake and modulates metabolic activities linked to neurodegeneration in isolated rat brain: An in vitro and in silico approach. <i>Journal of Food Biochemistry</i> , 2022, 46, e14177.	2.9	5
30	Hyperglycemia alters lipid metabolism and ultrastructural morphology of cerebellum in brains of diabetic rats: Therapeutic potential of raffia palm (<i>Raphia hookeri</i> G. Mann & H. Wendl) wine. <i>Neurochemistry International</i> , 2020, 140, 104849.	3.8	4
31	Cannabis sativa L. Mitigates Oxidative Stress and Cholinergic Dysfunction; and Modulates Carbohydrate Metabolic Perturbation in Oxidative Testicular Injury. <i>Comparative Clinical Pathology</i> , 2021, 30, 241-253.	0.7	4
32	Cola Nitida (Kola Nuts) Attenuates Hepatic Injury in Type 2 Diabetes by Improving Antioxidant and Cholinergic Dysfunctions and Dysregulated Lipid Metabolism. <i>Endocrine, Metabolic and Immune Disorders - Drug Targets</i> , 2021, 21, 688-699.	1.2	4
33	Strawberry fruit (<i>Fragaria x ananassa</i> Romina) juice attenuates oxidative imbalance with concomitant modulation of metabolic indices linked to male infertility in testicular oxidative injury. <i>Andrologia</i> , 2021, 53, e14175.	2.1	4
34	Cannabidiol improves glucose utilization and modulates glucose-induced dysmetabolic activities in isolated rats' peripheral adipose tissues. <i>Biomedicine and Pharmacotherapy</i> , 2022, 149, 112863.	5.6	4
35	Flowers of <i>Clerodendrum volubile</i> modulates redox homeostasis and suppresses DNA fragmentation in Fe ²⁺ -induced oxidative hepatic and pancreatic injuries; and inhibits carbohydrate catabolic enzymes linked to type 2 diabetes. <i>Journal of Diabetes and Metabolic Disorders</i> , 2019, 18, 513-524.	1.9	3
36	Catechol protects against iron-mediated oxidative brain injury by restoring antioxidative metabolic pathways; and modulation of purinergic and cholinergic enzymes activities. <i>Journal of Pharmacy and Pharmacology</i> , 2020, 72, 1787-1797.	2.4	3

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37	Turbina oblongata Protects Against Oxidative Cardiotoxicity by Suppressing Lipid Dysmetabolism and Modulating Cardiometabolic Activities Linked to Cardiac Dysfunctions. <i>Frontiers in Pharmacology</i> , 2021, 12, 610835.	3.5	3
38	Tetrahydrocannabinol-Rich Extracts From Cannabis Sativa L. Improve Glucose Consumption and Modulate Metabolic Complications Linked to Neurodegenerative Diseases in Isolated Rat Brains. <i>Frontiers in Pharmacology</i> , 2020, 11, 592981.	3.5	3
39	Phytochemical constituents of sterol-rich fraction from <i>Allium cepa</i> L. and its cytotoxic effect on human embryonic kidney (HEK293) cells. <i>Journal of Food Biochemistry</i> , 2021, 45, e13586.	2.9	2
40	Casein micelles from bovine Milk exerts Neuroprotection by stalling metabolic complications linked to oxidative brain injury. <i>Metabolic Brain Disease</i> , 2020, 35, 1417-1428.	2.9	0