

Mohammed Hussien Bule

List of Publications by Year in descending order

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Version: 2024-02-01

60
papers

2,344
citations

361413

20
h-index

214800

47
g-index

63
all docs

63
docs citations

63
times ranked

3722
citing authors

#	ARTICLE	IF	CITATIONS
1	Review of endocrine disorders associated with environmental toxicants and possible involved mechanisms. <i>Life Sciences</i> , 2016, 145, 265-273.	4.3	248
2	Molecular Targets Underlying the Anticancer Effects of Quercetin: An Update. <i>Nutrients</i> , 2016, 8, 529.	4.1	204
3	Molecular mechanisms underlying protective role of quercetin in attenuating Alzheimer's disease. <i>Life Sciences</i> , 2019, 224, 109-119.	4.3	190
4	A Systematic Review of the Potential Herbal Sources of Future Drugs Effective in Oxidant-Related Diseases. <i>Inflammation and Allergy: Drug Targets</i> , 2009, 8, 2-10.	1.8	177
5	A systematic review of anti-obesity medicinal plants - an update. <i>Journal of Diabetes and Metabolic Disorders</i> , 2013, 12, 28.	1.9	153
6	Diabetic Neuropathy and Oxidative Stress: Therapeutic Perspectives. <i>Oxidative Medicine and Cellular Longevity</i> , 2013, 2013, 1-15.	4.0	148
7	Recent advances in biosensor technology in assessment of early diabetes biomarkers. <i>Biosensors and Bioelectronics</i> , 2018, 99, 122-135.	10.1	123
8	Antidiabetic effect of quercetin: A systematic review and meta-analysis of animal studies. <i>Food and Chemical Toxicology</i> , 2019, 125, 494-502.	3.6	108
9	Herbal Immunomodulators - A Remedial Panacea for Designing and Developing Effective Drugs and Medicines: Current Scenario and Future Prospects. <i>Current Drug Metabolism</i> , 2018, 19, 264-301.	1.2	103
10	<p>Nanoformulations of natural products for management of metabolic syndrome</p>. <i>International Journal of Nanomedicine</i> , 2019, Volume 14, 5303-5321.	6.7	73
11	Microalgae as a source of high-value bioactive compounds. <i>Frontiers in Bioscience - Scholar</i> , 2018, 10, 197-216.	2.1	72
12	The antioxidant components of milk and their role in processing, ripening, and storage: Functional food. <i>Veterinary World</i> , 2019, 12, 12-33.	1.7	57
13	A Systematic Review of in vitro Studies Conducted on Effect of Herbal Products on Secretion of Insulin from Langerhans Islets. <i>Journal of Pharmacy and Pharmaceutical Sciences</i> , 2012, 15, 447.	2.1	49
14	How does blood glucose control with metformin influence intensive insulin protocols? Evidence for involvement of oxidative stress and inflammatory cytokines. <i>Advances in Therapy</i> , 2008, 25, 681-702.	2.9	38
15	Bisphenol A: What lies beneath its induced diabetes and the epigenetic modulation?. <i>Life Sciences</i> , 2018, 214, 136-144.	4.3	38
16	Influence of Ascorbic Acid Supplementation on Type 2 Diabetes Mellitus in Observational and Randomized Controlled Trials; A Systematic Review with Meta-Analysis. <i>Journal of Pharmacy and Pharmaceutical Sciences</i> , 2014, 17, 554.	2.1	37
17	Trends in publication on evidence-based antioxidative herbal medicines in management of diabetic nephropathy. <i>Journal of Diabetes and Metabolic Disorders</i> , 2015, 15, 1.	1.9	32
18	Effect of styrene exposure on plasma parameters, molecular mechanisms and gene expression in rat model islet cells. <i>Environmental Toxicology and Pharmacology</i> , 2017, 54, 62-73.	4.0	30

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19	Ochratoxin A-induced genotoxic and epigenetic mechanisms lead to Alzheimer disease: its modulation with strategies. <i>Environmental Science and Pollution Research</i> , 2020, 27, 44673-44700.	5.3	24
20	Comparative occurrence of diabetes in canine, feline, and few wild animals and their association with pancreatic diseases and ketoacidosis with therapeutic approach. <i>Veterinary World</i> , 2018, 11, 410-422.	1.7	23
21	Magnitude and determinants of complementary feeding practices in Ethiopia: A systematic review and meta-analysis. <i>Heliyon</i> , 2019, 5, e01865.	3.2	23
22	Hypoglycemic Effect of Aqueous and Methanolic Extract of <i>Artemisia afra</i> on Alloxan Induced Diabetic Swiss Albino Mice. <i>Evidence-based Complementary and Alternative Medicine</i> , 2015, 2015, 1-5.	1.2	22
23	The importance of translatability in drug discovery. <i>Expert Opinion on Drug Discovery</i> , 2017, 12, 237-239.	5.0	22
24	The antidiabetic and antilipidemic effects of <i>Hibiscus sabdariffa</i> : A systematic review and meta-analysis of randomized clinical trials. <i>Food Research International</i> , 2020, 130, 108980.	6.2	21
25	The mechanisms of cellular crosstalk between mesenchymal stem cells and natural killer cells: Therapeutic implications. <i>Journal of Cellular Physiology</i> , 2021, 236, 2413-2429.	4.1	21
26	Advancements and Potential Applications of Microfluidic Approaches—A Review. <i>Chemosensors</i> , 2018, 6, 46.	3.6	20
27	Assessment of arsenic-induced modifications in the DNA methylation of insulin-related genes in rat pancreatic islets. <i>Ecotoxicology and Environmental Safety</i> , 2020, 201, 110802.	6.0	20
28	Health Benefits of Manuka Honey as an Essential Constituent for Tissue Regeneration. <i>Current Drug Metabolism</i> , 2018, 18, 881-892.	1.2	19
29	Preclinical and pharmacotoxicology evaluation of Î±-L-guluronic acid (G2013) as a non-steroidal anti-inflammatory drug with immunomodulatory property. <i>Immunopharmacology and Immunotoxicology</i> , 2017, 39, 59-65.	2.4	18
30	If Channel as an Emerging Therapeutic Target for Cardiovascular Diseases: A Review of Current Evidence and Controversies. <i>Frontiers in Pharmacology</i> , 2017, 8, 874.	3.5	18
31	In vivo Antidiabetic Activity Evaluation of Aqueous and 80% Methanolic Extracts of Leaves of <i>Thymus schimperi</i> (Lamiaceae) in Alloxan-induced Diabetic Mice. <i>Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy</i> , 2020, Volume 13, 3205-3212.	2.4	17
32	Quinazolinone Derivatives as a Potential Class of Compounds in Malaria Drug Discovery. <i>International Journal of Pharmacology</i> , 2017, 13, 818-831.	0.3	16
33	Drugs for the treatment of pediatric type 2 diabetes mellitus and related co-morbidities. <i>Expert Opinion on Pharmacotherapy</i> , 2016, 17, 2449-2460.	1.8	15
34	The antidiabetic effect of thymoquinone: A systematic review and meta-analysis of animal studies. <i>Food Research International</i> , 2020, 127, 108736.	6.2	15
35	Stimulation of Hepatic Glycogenolysis and Inhibition of Gluconeogenesis are the Mechanisms of Antidiabetic Effect of <i>Centaurea bruguierana</i> ssp. <i>belangerana</i> . <i>Asian Journal of Animal and Veterinary Advances</i> , 2012, 7, 1166-1174.	0.0	15
36	Antivirals: Past, Present and Future. , 2019, , 425-446.		14

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37	Quality of reporting of randomized controlled trials of herbal medicines conducted in metabolic disorders in Middle East countries: A systematic review. <i>Complementary Therapies in Medicine</i> , 2018, 38, 61-66.	2.7	11
38	<p>Beneficial Effects of Anti-Oxidative Herbal Medicines in Diabetic Patients Infected with COVID-19: A Hypothesis</p>. <i>Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy</i> , 2020, Volume 13, 3113-3116.	2.4	10
39	Coumarin-based Scaffold as α -glucosidase Inhibitory Activity: Implication for the Development of Potent Antidiabetic Agents. <i>Mini-Reviews in Medicinal Chemistry</i> , 2020, 20, 134-151.	2.4	10
40	Synthesis and biological evaluation of 2-(2-methyl-1H-pyrrol-3-yl)-2-oxo-N-(pyridine-3-yl) acetamide derivatives: in vitro α -glucosidase inhibition, and kinetic and molecular docking study. <i>Chemical Papers</i> , 2020, 74, 1583-1596.	2.2	9
41	Diabetic Ketoacidosis Management and Treatment Outcome at Medical Ward of Shashemene Referral Hospital, Ethiopia: A Retrospective Study. <i>Clinical Medicine Insights: Endocrinology and Diabetes</i> , 2021, 14, 117955142110049.	1.9	8
42	Goji Berry (<i>Lycium barbarum</i>)â€™ A Superfood. , 2019, , 257-264.		7
43	The association between diet quality and obesity-related metabolic risks. <i>Human Antibodies</i> , 2020, 28, 1-9.	1.5	7
44	Association of maternal intake of nitrate and risk of birth defects and preterm birth: a systematic review and dose-response meta-analysis. <i>Archives of Environmental and Occupational Health</i> , 2022, 77, 514-523.	1.4	7
45	Study on the Interaction of 1,5-diaryl Pyrrole Derivatives with α -glucosidase; Synthesis, Molecular Docking, and Kinetic Study. <i>Medicinal Chemistry</i> , 2021, 17, 545-553.	1.5	6
46	The rise of deep learning and transformations in bioactivity prediction power of molecular modeling tools. <i>Chemical Biology and Drug Design</i> , 2021, 98, 954-967.	3.2	6
47	Development of new food products based on phytonutrients. , 2020, , 197-216.		5
48	Non-Prescription Antibiotics Use and Associated Factors Among Drug Retail Outlets in Ambo, Ethiopia: A Cross-Sectional Study. <i>Patient Preference and Adherence</i> , 2021, Volume 15, 2739-2747.	1.8	5
49	Association of Diet Quality and Food Insecurity with Metabolic Syndrome in Obese Adults.. <i>International Journal of Preventive Medicine</i> , 2021, 12, 138.	0.4	5
50	A Systematic Review of Nonclinical Studies on the Effect of Curcumin in Chemotherapy- induced Cardiotoxicity. <i>Current Pharmaceutical Design</i> , 2022, 28, 1843-1853.	1.9	4
51	The association between sleep duration and risk of abnormal lipid profile: A systematic review and meta-analysis. <i>Obesity Medicine</i> , 2020, 18, 100236.	0.9	3
52	Developing Novel Anticancer Drugs for Targeted Populations: An Update. <i>Current Pharmaceutical Design</i> , 2021, 27, 250-262.	1.9	3
53	Synthesis and In-Vivo Pharmacological Evaluation of Some Novel 4(3H)- Quinazolinone Derivatives as Potential Anti-malarial Agents. <i>Drug Designing: Open Access</i> , 2015, 04, .	0.2	3
54	A Systematic Review of the Uterine Relaxant Effect of Herbal Sources. <i>Current Pharmaceutical Biotechnology</i> , 2016, 17, 934-48.	1.6	3

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55	White Dead-Nettle (<i>Lamium album</i>)., 2019, , 455-459.		2
56	Red Yeast Rice (<i>Monascus purpureus</i>). , 2019, , 509-515.		2
57	Synthesis, Molecular Docking and α -Glucosidase Inhibitory Activity Study of 2,4,6-triaryl Pyrimidine Derivatives. <i>Letters in Drug Design and Discovery</i> , 2020, 17, 1216-1226.	0.7	2
58	Advances in the Treatment Options Towards Drug-Resistant Tuberculosis. <i>International Journal of Pharmacology</i> , 2017, 13, 746-761.	0.3	0
59	A systematic review of the uterine relaxant effect of herbal sources. <i>Current Pharmaceutical Biotechnology</i> , 2016, , .	1.6	0
60	New imidazo[1,2-a]pyridin-2-yl derivatives as AChE, BChE and 15-LOX inhibitors; design, synthesis, and biological evaluation. <i>Letters in Drug Design and Discovery</i> , 2022, 19, .	0.7	0