

# Ismail Ogunbayode Ishola

## List of Publications by Year in descending order

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69  
papers

1,082  
citations

430442

18  
h-index

500791

28  
g-index

69  
all docs

69  
docs citations

69  
times ranked

1312  
citing authors

#	ARTICLE	IF	CITATIONS
1	Anticonvulsant activity of <i>Nymphaea lotus</i> Linn. extract in mice: The role of GABAergic-glutamatergic neurotransmission and antioxidant defence mechanisms. <i>Epilepsy Research</i> , 2022, 181, 106871.	0.8	3
2	Kolaviron ameliorates chronic unpredictable mild stress-induced anxiety and depression: involvement of the HPA axis, antioxidant defense system, cholinergic, and BDNF signaling. <i>Drug Metabolism and Personalized Therapy</i> , 2022, .	0.3	5
3	Impact of environmental toxicants exposure on gut-brain axis in Parkinson disease. <i>Drug Metabolism and Personalized Therapy</i> , 2022, 37, 329-336.	0.3	7
4	Bioprospecting for Anti-COVID-19 Interventions From African Medicinal Plants: A Review. <i>Natural Product Communications</i> , 2022, 17, 1934578X2210969.	0.2	6
5	Morin ameliorates rotenone-induced Parkinson disease in mice through antioxidation and anti-neuroinflammation: gut-brain axis involvement. <i>Brain Research</i> , 2022, 1789, 147958.	1.1	10
6	Potentials of autophagy enhancing natural products in the treatment of Parkinson disease. <i>Drug Metabolism and Personalized Therapy</i> , 2022, 37, 99-110.	0.3	1
7	Monoaminergic system involvement in the antidepressant-like and anxiolytic-like properties of novel $\beta$ -dihydroagarofuran sesquiterpene alkaloid and triterpenes isolated from <i>Gymnosporia heterophylla</i> aerial parts in mice. <i>Neurochemistry International</i> , 2022, 158, 105379.	1.9	4
8	Ameliorative influence of atorvastatin in transgenic <i>Drosophila Melanogaster</i> model of neurodegenerative diseases. <i>Nigerian Journal of Pharmacy</i> , 2021, 55, 40-45.	0.5	1
9	Molecular mechanisms involved in the prevention and reversal of ketamine-induced schizophrenia-like behavior by rutin: the role of glutamic acid decarboxylase isoform-67, cholinergic, Nox-2-oxidative stress pathways in mice. <i>Molecular Biology Reports</i> , 2021, 48, 2335-2350.	1.0	16
10	Potentials of autophagy enhancing natural products in the treatment of Parkinson disease. <i>Drug Metabolism and Personalized Therapy</i> , 2021, .	0.3	0
11	Rutin ameliorates scopolamine-induced learning and memory impairments through enhancement of antioxidant defense system and cholinergic signaling. <i>Drug Metabolism and Personalized Therapy</i> , 2021, .	0.3	5
12	Prevention and reversal of ketamine-induced experimental psychosis in mice by the neuroactive flavonoid, hesperidin: The role of oxidative and cholinergic mechanisms. <i>Brain Research Bulletin</i> , 2021, 177, 239-251.	1.4	15
13	Involvement of GABAergic and nitrgergic systems in the anxiolytic and hypnotic effects of <i>Curcuma longa</i> : its interaction with anxiolytic-hypnotics. <i>Drug Metabolism and Personalized Therapy</i> , 2021, .	0.3	2
14	Therapeutic potential of hesperidin in Parkinson's disease with dementia: inhibition of alpha synuclein and amyloid beta in <i>Drosophila melanogaster</i> .. <i>Tropical Freshwater Biology</i> , 2021, 36, 43-48.	0.1	0
15	The Nature of Science as Represented in Chemistry Textbooks Used in Nigeria. <i>Research in Science Education</i> , 2020, 50, 1321-1339.	1.4	17
16	Diastereomeric Mixture of Calophyllic and Isocalophyllic Acid Ameliorates Scopolamine-Induced Memory Impairment in Mice: Involvement of Antioxidant Defense and Cholinergic Systems. <i>Neurotoxicity Research</i> , 2020, 37, 58-66.	1.3	10
17	COVID-19 Pandemic: A Case for Phytomedicines. <i>Natural Product Communications</i> , 2020, 15, 1934578X2094508.	0.2	22
18	Novel potential of metformin on valproic acid-induced autism spectrum disorder in rats: involvement of antioxidant defence system. <i>Fundamental and Clinical Pharmacology</i> , 2020, 34, 650-661.	1.0	18

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19	Remodeling microglia to a protective phenotype in Parkinson's disease?. Neuroscience Letters, 2020, 735, 135164.	1.0	17
20	Vinpocetine prevents haloperidol-induced cognitive and working memory deficits through attenuation of oxidative and nitrosative stress in mice. Tropical Freshwater Biology, 2020, 35, 203-208.	0.1	0
21	<i>Cnestis ferruginea</i> Vahl ex DC (Connaraceae) downregulates expression of immediate early genes in kainic acid-induced temporal lobe epilepsy in mice. Drug Metabolism and Personalized Therapy, 2020, .	0.3	1
22	Ameliorative influence of <i>Cnestis ferruginea</i> vahl ex DC (Connaraceae) root extract on kainic acid-induced temporal lobe epilepsy in mice: Role of oxidative stress and neuroinflammation. Journal of Ethnopharmacology, 2019, 243, 112117.	2.0	15
23	Antinociceptive and anti-arthritic effects of aqueous whole plant extract of <i>Trianthema portulacastrum</i> in rodents: Possible mechanisms of action. Journal of Ethnopharmacology, 2019, 238, 111831.	2.0	10
24	Cortico-hippocampal memory enhancing activity of hesperetin on scopolamine-induced amnesia in mice: role of antioxidant defense system, cholinergic neurotransmission and expression of BDNF. Metabolic Brain Disease, 2019, 34, 979-989.	1.4	25
25	Isorhamnetin enhanced cortico-hippocampal learning and memory capability in mice with scopolamine-induced amnesia: Role of antioxidant defense, cholinergic and BDNF signaling. Brain Research, 2019, 1712, 188-196.	1.1	44
26	Glimepiride prevents paraquat-induced Parkinsonism in mice: involvement of oxidative stress and neuroinflammation. Fundamental and Clinical Pharmacology, 2019, 33, 277-285.	1.0	16
27	Antinociceptive and anti-inflammatory properties of <i>Tetracera alnifolia</i> Willd. (Dilleniaceae) hydroethanolic leaf extract. Journal of Basic and Clinical Physiology and Pharmacology, 2019, 30, 173-184.	0.7	8
28	Potential of <i>Moringa oleifera</i> in the Treatment of Benign Prostate Hyperplasia: Role of Antioxidant Defence Systems. Medical Principles and Practice, 2018, 27, 15-22.	1.1	11
29	Protective role of <i>Spondias mombin</i> leaf and <i>Cola acuminata</i> seed extracts against scopolamine-induced cognitive dysfunction. Alexandria Journal of Medicine, 2018, 54, 27-39.	0.4	22
30	<i>Citrullus colocynthis</i> Linn. Fruit extract ameliorates cisplatin-induced hepato-renal toxicity in rats. Journal of Complementary and Integrative Medicine, 2018, 15, .	0.4	12
31	Novel action of vinpocetine in the prevention of paraquat-induced parkinsonism in mice: involvement of oxidative stress and neuroinflammation. Metabolic Brain Disease, 2018, 33, 1493-1500.	1.4	31
32	Cyclooxygenase inhibitory compounds from <i>Gymnosporia heterophylla</i> aerial parts. Fytoterapia, 2017, 119, 168-174.	1.1	13
33	Atorvastatin attenuates testosterone-induced benign prostatic hyperplasia in rats: role of peroxisome proliferator-activated receptor $\alpha$ 3 and cyclooxygenase $\alpha$ 2. Fundamental and Clinical Pharmacology, 2017, 31, 652-662.	1.0	11
34	Potential of telmisartan in the treatment of benign prostatic hyperplasia. Fundamental and Clinical Pharmacology, 2017, 31, 643-651.	1.0	3
35	Ameliorative effect of kolaviron, a biflavonoid complex from <i>Garcinia kola</i> seeds against scopolamine-induced memory impairment in rats: role of antioxidant defense system. Metabolic Brain Disease, 2017, 32, 235-245.	1.4	47
36	Involvement of Antioxidant System in the Amelioration of Scopolamine-Induced Memory Impairment by Grains of Paradise ( <i>Aframomum melegueta</i> K. Schum.) Extract. Drug Research, 2016, 66, 455-463.	0.7	14

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37	Potentials of <i>Mangifera indica</i> in the treatment of depressive-anxiety disorders: possible mechanisms of action. <i>Journal of Complementary and Integrative Medicine</i> , 2016, 13, 275-287.	0.4	5
38	Antidepressant Effect of <i>Cnestis ferruginea</i> Vahl ex DC (Connaraceae): Involvement of Cholinergic, Monoaminergic and L-arginine-nitric Oxide Pathways. <i>Drug Research</i> , 2016, 66, 235-245.	0.7	9
39	Roles of monoaminergic, antioxidant defense and neuroendocrine systems in antidepressant-like effect of <i>Cnestis ferruginea</i> Vahl ex DC (Connaraceae) in rats. <i>Biomedicine and Pharmacotherapy</i> , 2016, 83, 340-348.	2.5	7
40	Metformin Prevented Dopaminergic Neurotoxicity Induced by 3,4-Methylenedioxymethamphetamine Administration. <i>Neurotoxicity Research</i> , 2016, 30, 101-109.	1.3	22
41	Role for monoaminergic systems in the antidepressant and anxiolytic properties of the hydroethanolic leaf extract from <i>Adenia cissampeloides</i> . <i>Journal of Basic and Clinical Physiology and Pharmacology</i> , 2015, 26, 301-312.	0.7	2
42	Hepatoprotective and Antioxidant Activities of Hepacare <sup>®</sup> , a Herbal Formulation Against Carbon Tetrachloride-Induced Liver Injury. <i>Drug Research</i> , 2015, 65, 30-39.	0.7	7
43	Antidepressant and Anxiolytic Effects of the Methanol Root Extract of <i>Capparis thoningii</i> : Involvement of Monoaminergic, Cholinergic and GABAergic Systems. <i>Drug Research</i> , 2015, 65, 205-213.	0.7	5
44	Antinociceptive and anti-arthritic properties of hydroethanolic leaf extract of <i>Clausena anisata</i> (Willd.) Hook. f. ex Benth (Rutaceae) in Rodents: possible mechanism of actions. <i>Tropical Freshwater Biology</i> , 2015, 30, 39-49.	0.1	0
45	Evaluation Of The Anti-Arthritic Activity Of The Hydroethanolic Leaf Extract Of <i>Alchornea cordifolia</i> In Rats. <i>Tropical Journal of Obstetrics and Gynaecology</i> , 2014, 11, 402.	0.3	28
46	Antidepressant, anxiolytic, and anticataleptic effects of aqueous leaf extract of <i>Antiaris toxicaria</i> Lesch. (Moraceae) in mice: possible mechanisms of actions. <i>Journal of Basic and Clinical Physiology and Pharmacology</i> , 2014, 25, 429-438.	0.7	2
47	Antidepressant and Anxiolytic Properties of the Methanolic Extract of <i>Momordica charantia</i> Linn (Cucurbitaceae) and its Mechanism of Action. <i>Drug Research</i> , 2014, 64, 368-376.	0.7	16
48	Mechanisms of Analgesic and Anti-Inflammatory Properties of <i>Annona muricata</i> Linn. (Annonaceae) Fruit Extract in Rodents. <i>Journal of Medicinal Food</i> , 2014, 17, 1375-1382.	0.8	58
49	Potential of novel phytoecdysteroids isolated from <i>Vitex doniana</i> in the treatment depression: Involvement of monoaminergic systems. <i>Pharmacology Biochemistry and Behavior</i> , 2014, 127, 90-100.	1.3	14
50	Ethnopharmacological survey of herbal treatment of malaria in Lagos, Southwest Nigeria. <i>Journal of Herbal Medicine</i> , 2014, 4, 224-234.	1.0	22
51	Toxicological evaluation of the lyophilized fruit juice extract of <i>Annona muricata</i> Linn. (Annonaceae) in rodents. <i>Journal of Basic and Clinical Physiology and Pharmacology</i> , 2014, 25, 411-421.	0.7	6
52	Analgesic and anti-inflammatory effects of the methanol root extracts of some selected Nigerian medicinal plants. <i>Pharmaceutical Biology</i> , 2014, 52, 1208-1216.	1.3	31
53	Novel action of metformin in the prevention of haloperidol-induced catalepsy in mice: Potential in the treatment of Parkinson's disease?. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2014, 48, 245-251.	2.5	38
54	Antidepressant-like effect of the hydroethanolic leaf extract of <i>Alchornea cordifolia</i> (Schumach.) Tj ETQqO O O rgBT /Overlock 10 Tf 50 6. <i>Ethnopharmacology</i> , 2014, 158, 364-372.	2.0	18

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55	Anxiolytic-Like Effect of Underground Parts of <i>Ajuga remota</i> Benth (Lamiaceae) and Its Bioactive Constituents in Mice: A Behavioral Study. <i>Natural Products Journal</i> , 2014, 4, 211-216.	0.1	3
56	Protective effect of <i>Cnestis ferruginea</i> and its active constituent on scopolamine-induced memory impairment in mice: A behavioral and biochemical study. <i>Pharmaceutical Biology</i> , 2013, 51, 825-835.	1.3	40
57	Evaluation of amentoflavone isolated from <i>Cnestis ferruginea</i> Vahl ex DC (Connaraceae) on production of inflammatory mediators in LPS stimulated rat astrocytoma cell line (C6) and THP-1 cells. <i>Journal of Ethnopharmacology</i> , 2013, 146, 440-448.	2.0	31
58	Phytoecdysteroids from the Stem Bark of <i>Vitex doniana</i> and Their Anti-Inflammatory Effects. <i>Planta Medica</i> , 2013, 79, 52-59.	0.7	16
59	<i>Combretum mucronatum</i> and <i>Capparis thoningii</i> prevent scopolamine-induced memory deficit in mice. <i>Pharmaceutical Biology</i> , 2013, 51, 49-57.	1.3	13
60	Antinociceptive, anti-inflammatory and antiulcerogenic activities of ethanol root extract of <i>Strophanthus hispidus</i> DC (Apocynaceae). <i>Journal of Basic and Clinical Physiology and Pharmacology</i> , 2013, 24, 277-286.	0.7	7
61	Mechanisms of Anticonvulsant and Sedative Actions of the Ethanolic Stem-bark Extract of <i>Ficus sur</i> Forssk (Moraceae) in Rodents. <i>Pakistan Journal of Biological Sciences</i> , 2013, 16, 1287-1294.	0.2	12
62	Anticonvulsant, Anxiolytic and Hypnotic effects of Aqueous Bulb Extract of <i>Crinum glaucum</i> A. Chev (Amaryllidaceae): Role of GABAergic and Nitrergic Systems. <i>Pakistan Journal of Biological Sciences</i> , 2013, 16, 701-710.	0.2	11
63	Sub-chronic toxicity study of the methanol root extract of <i>Cnestis ferruginea</i> . <i>Pharmaceutical Biology</i> , 2012, 50, 994-1006.	1.3	12
64	Antidepressant and anxiolytic effects of amentoflavone isolated from <i>Cnestis ferruginea</i> in mice. <i>Pharmacology Biochemistry and Behavior</i> , 2012, 103, 322-331.	1.3	90
65	Bioactivity guided isolation of analgesic and anti-inflammatory constituents of <i>Cnestis ferruginea</i> Vahl ex DC (Connaraceae) root. <i>Journal of Ethnopharmacology</i> , 2012, 142, 383-389.	2.0	23
66	Antinociceptive and antiplasmodial activities of cassane furanoditerpenes from <i>Caesalpinia volkensii</i> H. root bark. <i>Fitoterapia</i> , 2012, 83, 74-80.	1.1	20
67	Analgesic and anti-inflammatory activities of <i>Cnestis ferruginea</i> Vahl ex DC (Connaraceae) methanolic root extract. <i>Journal of Ethnopharmacology</i> , 2011, 135, 55-62.	2.0	52
68	Anti-Stress Potential of Aqueous Root Extract of <i>Cnestis ferruginea</i> . <i>International Journal of Pharmacology</i> , 2007, 3, 295-298.	0.1	18
69	Tramadol and Codeine Stacking/Boosting Dose Exposure Induced Neurotoxic Behaviors, Oxidative Stress, Mitochondrial Dysfunction, and Neurotoxic Genes in Adolescent Mice. <i>Neurotoxicity Research</i> , 0, , .	1.3	2