

Ismail Ogunbayode Ishola

List of Publications by Year in descending order

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69
papers

1,082
citations

430874

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501196

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all docs

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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. | 1.6 | 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, . | 0.6 | 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. | 0.6 | 7 |
| 4 | Bioprospecting for Anti-COVID-19 Interventions From African Medicinal Plants: A Review. <i>Natural Product Communications</i> , 2022, 17, 1934578X2210969. | 0.5 | 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. | 2.2 | 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. | 0.6 | 1 |
| 7 | Monoaminergic system involvement in the antidepressant-like and anxiolytic-like properties of novel 1 ² -dihydroagarofuran sesquiterpene alkaloid and triterpenes isolated from <i>Gymnosporia heterophylla</i> aerial parts in mice. <i>Neurochemistry International</i> , 2022, 158, 105379. | 3.8 | 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. | 0.1 | 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. | 2.3 | 16 |
| 10 | Potentials of autophagy enhancing natural products in the treatment of Parkinson disease. <i>Drug Metabolism and Personalized Therapy</i> , 2021, . | 0.6 | 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, . | 0.6 | 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. | 3.0 | 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, . | 0.6 | 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. | 0.2 | 0 |
| 15 | The Nature of Science as Represented in Chemistry Textbooks Used in Nigeria. <i>Research in Science Education</i> , 2020, 50, 1321-1339. | 2.3 | 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. | 2.7 | 10 |
| 17 | COVID-19 Pandemic: A Case for Phytomedicines. <i>Natural Product Communications</i> , 2020, 15, 1934578X2094508. | 0.5 | 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. | 1.9 | 18 |

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|----|---|-----|-----------|
| 19 | Remodeling microglia to a protective phenotype in Parkinson's disease?. Neuroscience Letters, 2020, 735, 135164. | 2.1 | 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. | 0.2 | 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, . | 0.6 | 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. | 4.1 | 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. | 4.1 | 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. | 2.9 | 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. | 2.2 | 44 |
| 26 | Climepiride prevents paraquat-induced Parkinsonism in mice: involvement of oxidative stress and neuroinflammation. Fundamental and Clinical Pharmacology, 2019, 33, 277-285. | 1.9 | 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. | 1.3 | 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. | 2.4 | 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. | 0.6 | 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, . | 0.9 | 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. | 2.9 | 31 |
| 32 | Cyclooxygenase inhibitory compounds from <i>Gymnosporia heterophylla</i> aerial parts. Fä-toterapÄ-Ä, 2017, 119, 168-174. | 2.2 | 13 |
| 33 | Atorvastatin attenuates testosterone-induced benign prostatic hyperplasia in rats: role of peroxisome proliferator-activated receptor α 3 and cyclooxygenase α 2. Fundamental and Clinical Pharmacology, 2017, 31, 652-662. | 1.9 | 11 |
| 34 | Potential of telmisartan in the treatment of benign prostatic hyperplasia. Fundamental and Clinical Pharmacology, 2017, 31, 643-651. | 1.9 | 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. | 2.9 | 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. | 1.7 | 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. | 0.9 | 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. | 1.7 | 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. | 5.6 | 7 |
| 40 | Metformin Prevented Dopaminergic Neurotoxicity Induced by 3,4-Methylenedioxymethamphetamine Administration. <i>Neurotoxicity Research</i> , 2016, 30, 101-109. | 2.7 | 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. | 1.3 | 2 |
| 42 | Hepatoprotective and Antioxidant Activities of Hepacare [®] , a Herbal Formulation Against Carbon Tetrachloride-Induced Liver Injury. <i>Drug Research</i> , 2015, 65, 30-39. | 1.7 | 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. | 1.7 | 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. | 0.2 | 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. | 1.3 | 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. | 1.7 | 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. | 1.5 | 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. | 2.9 | 14 |
| 50 | Ethnopharmacological survey of herbal treatment of malaria in Lagos, Southwest Nigeria. <i>Journal of Herbal Medicine</i> , 2014, 4, 224-234. | 2.0 | 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. | 1.3 | 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. | 2.9 | 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. | 4.8 | 38 |
| 54 | Antidepressant-like effect of the hydroethanolic leaf extract of <i>Alchornea cordifolia</i> (Schumach.) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 6. <i>Ethnopharmacology</i> , 2014, 158, 364-372. | 4.1 | 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. | 0.3 | 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. | 2.9 | 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. | 4.1 | 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. | 1.3 | 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. | 2.9 | 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. | 1.3 | 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. | 0.5 | 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. | 0.5 | 11 |
| 63 | Sub-chronic toxicity study of the methanol root extract of <i>Cnestis ferruginea</i> . <i>Pharmaceutical Biology</i> , 2012, 50, 994-1006. | 2.9 | 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. | 2.9 | 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. | 4.1 | 23 |
| 66 | Antinociceptive and antiplasmodial activities of cassane furanoditerpenes from <i>Caesalpinia volkensii</i> H. root bark. <i>Fitoterapia</i> , 2012, 83, 74-80. | 2.2 | 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. | 4.1 | 52 |
| 68 | Anti-Stress Potential of Aqueous Root Extract of <i>Cnestis ferruginea</i> . <i>International Journal of Pharmacology</i> , 2007, 3, 295-298. | 0.3 | 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, , . | 2.7 | 2 |