

Amos A Fatokun

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

1,490
citations

430754

18
h-index

315616

38
g-index

42
all docs

42
docs citations

42
times ranked

2628
citing authors

#	ARTICLE	IF	CITATIONS
1	Parthanatos: mitochondrial-linked mechanisms and therapeutic opportunities. <i>British Journal of Pharmacology</i> , 2014, 171, 2000-2016.	2.7	432
2	Indoleamine 2,3-dioxygenase 2 (IDO2) and the kynurenine pathway: characteristics and potential roles in health and disease. <i>Amino Acids</i> , 2013, 45, 1319-1329.	1.2	153
3	Hydrogen peroxide-induced oxidative stress in MC3T3-E1 cells: The effects of glutamate and protection by purines. <i>Bone</i> , 2006, 39, 542-551.	1.4	125
4	Oxidative stress in neurodegeneration and available means of protection. <i>Frontiers in Bioscience - Landmark</i> , 2008, Volume, 3288.	3.0	103
5	Responses of differentiated MC3T3-E1 osteoblast-like cells to reactive oxygen species. <i>European Journal of Pharmacology</i> , 2008, 587, 35-41.	1.7	86
6	Identification of selective inhibitors of indoleamine 2,3-dioxygenase 2. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2012, 22, 7641-7646.	1.0	50
7	Cell death in rat cerebellar granule neurons induced by hydrogen peroxide in vitro: Mechanisms and protection by adenosine receptor ligands. <i>Brain Research</i> , 2007, 1132, 193-202.	1.1	44
8	Hydrogen peroxide mediates damage by xanthine and xanthine oxidase in cerebellar granule neuronal cultures. <i>Neuroscience Letters</i> , 2007, 416, 34-38.	1.0	38
9	Identification through high-throughput screening of 4'-methoxyflavone and 3',4'-dimethoxyflavone as novel neuroprotective inhibitors of parthanatos. <i>British Journal of Pharmacology</i> , 2013, 169, 1263-1278.	2.7	34
10	Synthesis, characterization and anti-cancer studies of Mn(II), Cu(II), Zn(II) and Pt(II) dithiocarbamate complexes - crystal structures of the Cu(II) and Pt(II) complexes. <i>Inorganica Chimica Acta</i> , 2020, 504, 119431.	1.2	33
11	Identification of compounds with cytotoxic activity from the leaf of the Nigerian medicinal plant, <i>Anacardium occidentale</i> L. (Anacardiaceae). <i>Bioorganic and Medicinal Chemistry</i> , 2017, 25, 2327-2335.	1.4	29
12	Three indigenous plants used in anti-cancer remedies, <i>Garcinia kola</i> Heckel (stem bark), <i>Uvaria chamae</i> P. Beauv. (root) and <i>Olex subscorpioidea</i> Oliv. (root) show analgesic and anti-inflammatory activities in animal models. <i>Journal of Ethnopharmacology</i> , 2016, 194, 440-449.	2.0	26
13	Palladium(II) complexes of tridentate bis(benzazole) ligands: Structural, substitution kinetics, DNA interactions and cytotoxicity studies. <i>Journal of Inorganic Biochemistry</i> , 2020, 210, 111156.	1.5	25
14	Physiological and Pathological Factors Affecting Drug Delivery to the Brain by Nanoparticles. <i>Advanced Science</i> , 2021, 8, e2002085.	5.6	25
15	Adenosine receptor ligands protect against a combination of apoptotic and necrotic cell death in cerebellar granule neurons. <i>Experimental Brain Research</i> , 2008, 186, 151-160.	0.7	23
16	Peptide based drug delivery systems to the brain. <i>Nano Express</i> , 2020, 1, 012002.	1.2	22
17	The Effects of Solid and Liquid Lipids on the Physicochemical Properties of Nanostructured Lipid Carriers. <i>Journal of Pharmaceutical Sciences</i> , 2021, 110, 2859-2872.	1.6	22
18	Fluoxetine selectively induces p53-independent apoptosis in human colorectal cancer cells. <i>European Journal of Pharmacology</i> , 2019, 857, 172441.	1.7	21

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19	Resistance to kynurenic acid of the NMDA receptor-dependent toxicity of 3-nitropropionic acid and cyanide in cerebellar granule neurons. <i>Brain Research</i> , 2008, 1215, 200-207.	1.1	20
20	Protection by the flavonoids quercetin and luteolin against peroxide- or menadione-induced oxidative stress in MC3T3-E1 osteoblast cells. <i>Natural Product Research</i> , 2015, 29, 1127-1132.	1.0	18
21	Prolonged exposures of cerebellar granule neurons to S-nitroso-N-acetylpenicillamine (SNAP) induce neuronal damage independently of peroxynitrite. <i>Brain Research</i> , 2008, 1230, 265-272.	1.1	15
22	Polyphenolic compounds with anti-tumour potential from <i>Corchorus olitorius</i> (L.) Tiliaceae, a Nigerian leaf vegetable. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016, 26, 3404-3410.	1.0	15
23	Catalytic Activities of Multimeric G-Quadruplex DNAzymes. <i>Catalysts</i> , 2019, 9, 613.	1.6	15
24	Synthesis, characterization and in vitro screening for anticancer potential of Mn(II), Co(II), Cu(II), Zn(II), and Pt(II) methoxyphenyl dithiocarbamate complexes. <i>Journal of Molecular Structure</i> , 2021, 1230, 129894.	1.8	15
25	Pentagalloylglucose, isolated from the leaf extract of <i>Anacardium occidentale</i> L., could elicit rapid and selective cytotoxicity in cancer cells. <i>BMC Complementary Medicine and Therapies</i> , 2020, 20, 287.	1.2	13
26	(Pyridyl)benzazole ruthenium(III) complexes: Kinetics of ligand substitution reaction and potential cytotoxic properties. <i>Inorganica Chimica Acta</i> , 2018, 482, 213-220.	1.2	12
27	Artificial Intelligence (AI) to the Rescue: Deploying Machine Learning to Bridge the Biorelevance Gap in Antioxidant Assays. <i>SLAS Technology</i> , 2021, 26, 16-25.	1.0	11
28	West African medicinal plants and their constituent compounds as treatments for viral infections, including SARS-CoV-2/COVID-19. <i>DARU, Journal of Pharmaceutical Sciences</i> , 2022, 30, 191-210.	0.9	10
29	Development of Brain Targeting Peptide Based MMP-9 Inhibiting Nanoparticles for the Treatment of Brain Diseases with Elevated MMP-9 Activity. <i>Journal of Pharmaceutical Sciences</i> , 2020, 109, 3134-3144.	1.6	8
30	(Pyrazolyl)pyridine ruthenium(III) complexes: Synthesis, kinetics of substitution reactions with thiourea and biological studies. <i>Inorganic Chemistry Communication</i> , 2018, 94, 98-103.	1.8	7
31	Bioactivity and cytotoxicity profiling of vincosamide and strictosamide, anthelmintic epimers from <i>Sarcocephalus latifolius</i> (Smith) Bruce leaf. <i>Journal of Ethnopharmacology</i> , 2021, 265, 113142.	2.0	7
32	Potent Nrf2-inducing, antioxidant, and anti-inflammatory effects and identification of constituents validate the anti-cancer use of <i>Uvaria chamae</i> and <i>Olex subscorpioidea</i> . <i>BMC Complementary Medicine and Therapies</i> , 2021, 21, 234.	1.2	7
33	<i>Peristrophe bicalyculata</i> (Retz) Nees contains principles that are cytotoxic to cancer cells and induce caspase-mediated, intrinsic apoptotic death through oxidative stress, mitochondrial depolarisation and DNA damage. <i>Biomedicine and Pharmacotherapy</i> , 2022, 147, 112597.	2.5	6
34	Antioxidative, antimitotic, and DNA-damaging activities of <i>Garcinia kola</i> stem bark, <i>Uvaria chamae</i> root, and <i>Olex subscorpioidea</i> root used in the ethnotherapy of cancers. <i>Journal of Basic and Clinical Physiology and Pharmacology</i> , 2020, 31, .	0.7	5
35	Isolation and Characterisation of Two Quercetin Glucosides with Potent Anti-Reactive Oxygen Species (ROS) Activity and an Oleanen Triterpene Glucoside from the Fruit of <i>Abelmoschus esculentus</i> (L.) Moench. <i>Chemistry and Biodiversity</i> , 2021, 18, e2000670.	1.0	4
36	Kola nut from <i>Cola nitida</i> vent. Schott administered to pregnant rats induces histological alterations in pups' cerebellum. <i>PLoS ONE</i> , 2021, 16, e0247573.	1.1	4

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37	Anthelmintic activity and non-cytotoxicity of phaeophorbide-a isolated from the leaf of <i>Spondias mombin</i> L.. <i>Journal of Ethnopharmacology</i> , 2021, 280, 114392.	2.0	3
38	The Inclusion of a Matrix Metalloproteinase-9 Responsive Sequence in Self-assembled Peptide-based Brain-Targeting Nanoparticles Improves the Efficiency of Nanoparticles Crossing the Blood-Brain Barrier at Elevated MMP-9 Levels. <i>Journal of Pharmaceutical Sciences</i> , 2021, 110, 1349-1364.	1.6	2
39	Oxidative and nitrosative stress-induced neurotoxicity in primary cultured rat cerebellar granule neurons. <i>Toxicology Letters</i> , 2009, 189, S23.	0.4	0
40	Characterization of a novel, high-affinity and selective fluorescent antagonist for the 5HT1A receptor. <i>FASEB Journal</i> , 2013, 27, 655.4.	0.2	0
41	Editorial: Translational Research and Drug Repurposing for Non-Communicable Diseases (NCDs). <i>Frontiers in Pharmacology</i> , 2022, 13, 879611.	1.6	0