

Amos A Fatokun

List of Publications by Year in descending order

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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	Peristrophe bicalyculata (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. Biomedicine and Pharmacotherapy, 2022, 147, 112597.	2.5	6
2	Editorial: Translational Research and Drug Repurposing for Non-Communicable Diseases (NCDs). Frontiers in Pharmacology, 2022, 13, 879611.	1.6	0
3	West African medicinal plants and their constituent compounds as treatments for viral infections, including SARS-CoV-2/COVID-19. DARU, Journal of Pharmaceutical Sciences, 2022, 30, 191-210.	0.9	10
4	Bioactivity and cytotoxicity profiling of vincosamide and strictosamide, anthelmintic epimers from Sarcocephalus latifolius (Smith) Bruce leaf. Journal of Ethnopharmacology, 2021, 265, 113142.	2.0	7
5	Artificial Intelligence (AI) to the Rescue: Deploying Machine Learning to Bridge the Biorelevance Gap in Antioxidant Assays. SLAS Technology, 2021, 26, 16-25.	1.0	11
6	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. Journal of Pharmaceutical Sciences, 2021, 110, 1349-1364.	1.6	2
7	Isolation and Characterisation of Two Quercetin Glucosides with Potent Anti-Reactive Oxygen Species (ROS) Activity and an Oleanane Triterpene Glucoside from the Fruit of <i>Abelmoschus esculentus</i> (L.) Moench. Chemistry and Biodiversity, 2021, 18, e2000670.	1.0	4
8	Kola nut from <i>Cola nitida</i> vent. Schott administered to pregnant rats induces histological alterations in pups' cerebellum. PLoS ONE, 2021, 16, e0247573.	1.1	4
9	Physiological and Pathological Factors Affecting Drug Delivery to the Brain by Nanoparticles. Advanced Science, 2021, 8, e2002085.	5.6	25
10	Synthesis, characterization and in vitro screening for anticancer potential of Mn(II), Co(II), Cu(II), Zn(II), and Pt(II) methoxyphenyl dithiocarbamate complexes. Journal of Molecular Structure, 2021, 1230, 129894.	1.8	15
11	The Effects of Solid and Liquid Lipids on the Physicochemical Properties of Nanostructured Lipid Carriers. Journal of Pharmaceutical Sciences, 2021, 110, 2859-2872.	1.6	22
12	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> . BMC Complementary Medicine and Therapies, 2021, 21, 234.	1.2	7
13	Anthelmintic activity and non-cytotoxicity of phaeophorbide-a isolated from the leaf of <i>Spondias mombin</i> L.. Journal of Ethnopharmacology, 2021, 280, 114392.	2.0	3
14	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. Journal of Basic and Clinical Physiology and Pharmacology, 2020, 31, .	0.7	5
15	Development of Brain Targeting Peptide Based MMP-9 Inhibiting Nanoparticles for the Treatment of Brain Diseases with Elevated MMP-9 Activity. Journal of Pharmaceutical Sciences, 2020, 109, 3134-3144.	1.6	8
16	Pentagalloylglucose, isolated from the leaf extract of <i>Anacardium occidentale</i> L., could elicit rapid and selective cytotoxicity in cancer cells. BMC Complementary Medicine and Therapies, 2020, 20, 287.	1.2	13
17	Peptide based drug delivery systems to the brain. Nano Express, 2020, 1, 012002.	1.2	22
18	Palladium(II) complexes of tridentate bis(benzazole) ligands: Structural, substitution kinetics, DNA interactions and cytotoxicity studies. Journal of Inorganic Biochemistry, 2020, 210, 111156.	1.5	25

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19	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
20	Catalytic Activities of Multimeric G-Quadruplex DNAzymes. <i>Catalysts</i> , 2019, 9, 613.	1.6	15
21	Fluoxetine selectively induces p53-independent apoptosis in human colorectal cancer cells. <i>European Journal of Pharmacology</i> , 2019, 857, 172441.	1.7	21
22	(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
23	(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
24	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
25	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
26	Three indigenous plants used in anti-cancer remedies, <i>Garcinia kola</i> Heckel (stem bark), <i>Uvaria chamae</i> P. Beauv. (root) and <i>Oxalys 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
27	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
28	Parthanatos: mitochondrial-linked mechanisms and therapeutic opportunities. <i>British Journal of Pharmacology</i> , 2014, 171, 2000-2016.	2.7	432
29	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
30	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
31	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
32	Identification of selective inhibitors of indoleamine 2,3-dioxygenase 2. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2012, 22, 7641-7646.	1.0	50
33	Oxidative and nitrosative stress-induced neurotoxicity in primary cultured rat cerebellar granule neurons. <i>Toxicology Letters</i> , 2009, 189, S23.	0.4	0
34	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
35	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
36	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

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37	Responses of differentiated MC3T3-E1 osteoblast-like cells to reactive oxygen species. European Journal of Pharmacology, 2008, 587, 35-41.	1.7	86
38	Oxidative stress in neurodegeneration and available means of protection. Frontiers in Bioscience - Landmark, 2008, Volume, 3288.	3.0	103
39	Hydrogen peroxide mediates damage by xanthine and xanthine oxidase in cerebellar granule neuronal cultures. Neuroscience Letters, 2007, 416, 34-38.	1.0	38
40	Cell death in rat cerebellar granule neurons induced by hydrogen peroxide in vitro: Mechanisms and protection by adenosine receptor ligands. Brain Research, 2007, 1132, 193-202.	1.1	44
41	Hydrogen peroxide-induced oxidative stress in MC3T3-E1 cells: The effects of glutamate and protection by purines. Bone, 2006, 39, 542-551.	1.4	125