Adegboyega K Oyelere

List of Publications by Year
in descending order

43 papers	1,166 citations	430442 18 h-index	395343 33 g-index
43 all docs	43 docs citations	43 times ranked	1737 citing authors

#	Article	IF	Citations
1	Protocatechuic acid protects against hepatorenal toxicities in rats exposed to Furan. Drug and Chemical Toxicology, 2022, 45, 1840-1850.	1.2	6
2	Caffeic acid protects against DNA damage, oxidative and inflammatory mediated toxicities, and upregulated caspases activation in the hepatorenal system of rats treated with aflatoxin B1. Toxicon, 2022, 207, 1-12.	0.8	24
3	Inflammation, Fibrosis and Cancer: Mechanisms, Therapeutic Options and Challenges. Cancers, 2022, 14, 552.	1.7	32
4	Synthetic methodology-enabled discovery of a tunable indole template for COX-1 inhibition and anti-cancer activity. Bioorganic and Medicinal Chemistry, 2022, 57, 116633.	1.4	2
5	Indole-3-propionic acid mitigates chlorpyrifos-mediated neurotoxicity by modulating cholinergic and redox-regulatory systems, inflammatory stress, apoptotic responses and DNA damage in rats. Environmental Toxicology and Pharmacology, 2022, 89, 103786.	2.0	13
6	Caffeic acid mitigates aflatoxin<scp>B1</scp>â€mediated toxicity in the male rat reproductive system by modulating inflammatory and apoptotic responses, testicular function, and the redoxâ€regulatory systems. Journal of Food Biochemistry, 2022, 46, e14090.	1.2	16
7	Apigeninidin-rich Sorghum bicolor (L. Moench) extracts suppress A549 cells proliferation and ameliorate toxicity of aflatoxin B1-mediated liver and kidney derangement in rats. Scientific Reports, 2022, 12, 7438.	1.6	19
8	Apigeninidin-enriched Sorghum bicolor (L. Moench) extracts alleviate Aflatoxin B₁-induced dysregulation of male rat hypothalamic-reproductive axis. Experimental Biology and Medicine, 2022, 247, 1301-1316.	1.1	8
9	Chlorogenic acid abates oxido-inflammatory and apoptotic responses in the liver and kidney of Tamoxifen-treated rats. Toxicology Research, 2021, 10, 345-353.	0.9	19
10	N â€acetyl cysteine coâ€treatment abates perfluorooctanoic acidâ€induced reproductive toxicity in male rats. Andrologia, 2021, 53, e14037.	1.0	8
11	The modulatory effect of taurine on benzo (a) pyrene-induced hepatorenal toxicity. Toxicology Research, 2021, 10, 389-398.	0.9	8
12	Discovery of novel STAT3 DNA binding domain inhibitors. Future Medicinal Chemistry, 2021, 13, 1253-1269.	1.1	3
13	N-acetyl cysteine abates hepatorenal toxicities induced by perfluorooctanoic acid exposure in male rats. Environmental Toxicology and Pharmacology, 2021, 86, 103667.	2.0	11
14	Chlorogenic acid coâ€administration abates tamoxifenâ€mediated reproductive toxicities in male rats: An experimental approach. Journal of Food Biochemistry, 2021, 45, e13615.	1.2	19
15	Co-administration of Luteolin mitigated toxicity in rats' lungs associated with doxorubicin treatment. Toxicology and Applied Pharmacology, 2021, 411, 115380.	1.3	20
16	Neuroprotective role of gallic acid in aflatoxin B₁â€induced behavioral abnormalities in rats. Journal of Biochemical and Molecular Toxicology, 2021, 35, e22684.	1.4	23
17	Protocatechuic acid modulates reproductive dysfunction linked to furan exposure in rats. Toxicology, 2020, 442, 152556.	2.0	33
18	Liver-Targeting Class I Selective Histone Deacetylase Inhibitors Potently Suppress Hepatocellular Tumor Growth as Standalone Agents. Cancers, 2020, 12, 3095.	1.7	10

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19	Gallic acid protects against Aflatoxin B₁â€induced oxidative and inflammatory stress damage in rats kidneys and liver. Journal of Food Biochemistry, 2020, 44, e13316.	1.2	47
20	Gallic acid enhances reproductive function by modulating oxido-inflammatory and apoptosis mediators in rats exposed to aflatoxin-B1. Experimental Biology and Medicine, 2020, 245, 1016-1028.	1.1	34
21	Small Molecule Inhibitors Targeting GÎ±i2 Protein Attenuate Migration of Cancer Cells. Cancers, 2020, 12, 1631.	1.7	4
22	Pyrimethamine conjugated histone deacetylase inhibitors: Design, synthesis and evidence for triple negative breast cancer selective cytotoxicity. Bioorganic and Medicinal Chemistry, 2020, 28, 115345.	1.4	18
23	Lung Tissue Delivery of Virus-Like Particles Mediated by Macrolide Antibiotics. Molecular Pharmaceutics, 2019, 16, 2947-2955.	2.3	17
24	Deferiprone: Pan-selective Histone Lysine Demethylase Inhibition Activity and Structure Activity Relationship Study. Scientific Reports, 2019, 9, 4802.	1.6	20
25	Calliandra portoricensis Benth exhibits anticancer effects via alteration of Bax/Bcl-2 ratio and growth arrest in prostate LNCaP cells. Journal of Ethnopharmacology, 2019, 233, 64-72.	2.0	7
26	Synthesis, antimicrobial activity, attenuation of aminoglycoside resistance in MRSA, and ribosomal A-site binding of pyrene-neomycin conjugates. European Journal of Medicinal Chemistry, 2019, 163, 381-393.	2.6	13
27	Design, synthesis, and evaluation of the antiproliferative activity of hydantoin-derived antiandrogen-genistein conjugates. Bioorganic and Medicinal Chemistry, 2018, 26, 1481-1487.	1.4	8
28	Design, synthesis and evaluation of antiproliferative activity of melanoma-targeted histone deacetylase inhibitors. Bioorganic and Medicinal Chemistry Letters, 2017, 27, 744-749.	1.0	4
29	Antimicrobial Activity, AME Resistance, and A-Site Binding Studies of Anthraquinoneâ€“Neomycin Conjugates. ACS Infectious Diseases, 2017, 3, 206-215.	1.8	21
30	Toward the rational design of macrolide antibiotics to combat resistance. Chemical Biology and Drug Design, 2017, 90, 641-652.	1.5	10
31	Bifunctional conjugates with potent inhibitory activity towards cyclooxygenase and histone deacetylase. Bioorganic and Medicinal Chemistry, 2017, 25, 1202-1218.	1.4	26
32	Liposomal drug delivery systems for targeted cancer therapy: is active targeting the best choice?. Future Medicinal Chemistry, 2016, 8, 2091-2112.	1.1	50
33	Determination of metal ion contents of two antiemetic clays use in Geophagy. Toxicology Reports, 2015, 2, 928-932.	1.6	13
34	Exploiting translational stalling peptides in an effort to extend azithromycin interaction within the prokaryotic ribosome nascent peptide exit tunnel. Bioorganic and Medicinal Chemistry, 2015, 23, 5198-5209.	1.4	9
35	Rapid Synthesis, RNA Binding, and Antibacterial Screening of a Peptidic-Aminosugar (PA) Library. ACS Chemical Biology, 2015, 10, 1278-1289.	1.6	35
36	Design and structure activity relationship of tumor-homing histone deacetylase inhibitors conjugated to folic and pteroic acids. European Journal of Medicinal Chemistry, 2015, 96, 340-359.	2.6	28

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37	A structureâ€“activity relationship of non-peptide macrocyclic histone deacetylase inhibitors and their anti-proliferative and anti-inflammatory activities. Bioorganic and Medicinal Chemistry, 2015, 23, 7543-7564.	1.4	17
38	The antileishmanial activity of isoforms 6- and 8-selective histone deacetylase inhibitors. Bioorganic and Medicinal Chemistry Letters, 2014, 24, 4826-4830.	1.0	15
39	3-Hydroxypyridin-2-thione as Novel Zinc Binding Group for Selective Histone Deacetylase Inhibition. Journal of Medicinal Chemistry, 2013, 56, 3492-3506.	2.9	66
40	Synthesis and Structureâ€“Activity Relationship of 3-Hydroxypyridine-2-thione-Based Histone Deacetylase Inhibitors. Journal of Medicinal Chemistry, 2013, 56, 9969-9981.	2.9	34
41	Targeted cancer therapy: giving histone deacetylase inhibitors all they need to succeed. Future Medicinal Chemistry, 2012, 4, 505-524.	1.1	330
42	Oxathiazole-2-one derivative of bortezomib: Synthesis, stability and proteasome inhibition activity. MedChemComm, 2011, 2, 1083.	3.5	4
43	Non-Peptide Macrocyclic Histone Deacetylase Inhibitors. Journal of Medicinal Chemistry, 2009, 52, 456-468.	2.9	62