

# Adegboyega K Oyelere

## List of Publications by Year in descending order

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Version: 2024-02-01

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	Targeted cancer therapy: giving histone deacetylase inhibitors all they need to succeed. <i>Future Medicinal Chemistry</i> , 2012, 4, 505-524.	1.1	330
2	3-Hydroxypyridin-2-thione as Novel Zinc Binding Group for Selective Histone Deacetylase Inhibition. <i>Journal of Medicinal Chemistry</i> , 2013, 56, 3492-3506.	2.9	66
3	Non-Peptide Macrocyclic Histone Deacetylase Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2009, 52, 456-468.	2.9	62
4	Liposomal drug delivery systems for targeted cancer therapy: is active targeting the best choice?. <i>Future Medicinal Chemistry</i> , 2016, 8, 2091-2112.	1.1	50
5	Gallic acid protects against Aflatoxin B <sub>1</sub> -induced oxidative and inflammatory stress damage in rats kidneys and liver. <i>Journal of Food Biochemistry</i> , 2020, 44, e13316.	1.2	47
6	Rapid Synthesis, RNA Binding, and Antibacterial Screening of a Peptidic-Aminosugar (PA) Library. <i>ACS Chemical Biology</i> , 2015, 10, 1278-1289.	1.6	35
7	Synthesis and Structure-Activity Relationship of 3-Hydroxypyridine-2-thione-Based Histone Deacetylase Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2013, 56, 9969-9981.	2.9	34
8	Gallic acid enhances reproductive function by modulating oxido-inflammatory and apoptosis mediators in rats exposed to aflatoxin-B1. <i>Experimental Biology and Medicine</i> , 2020, 245, 1016-1028.	1.1	34
9	Protocatechuic acid modulates reproductive dysfunction linked to furan exposure in rats. <i>Toxicology</i> , 2020, 442, 152556.	2.0	33
10	Inflammation, Fibrosis and Cancer: Mechanisms, Therapeutic Options and Challenges. <i>Cancers</i> , 2022, 14, 552.	1.7	32
11	Design and structure activity relationship of tumor-homing histone deacetylase inhibitors conjugated to folic and pteric acids. <i>European Journal of Medicinal Chemistry</i> , 2015, 96, 340-359.	2.6	28
12	Bifunctional conjugates with potent inhibitory activity towards cyclooxygenase and histone deacetylase. <i>Bioorganic and Medicinal Chemistry</i> , 2017, 25, 1202-1218.	1.4	26
13	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. <i>Toxicol</i> , 2022, 207, 1-12.	0.8	24
14	Neuroprotective role of gallic acid in aflatoxin B <sub>1</sub> -induced behavioral abnormalities in rats. <i>Journal of Biochemical and Molecular Toxicology</i> , 2021, 35, e22684.	1.4	23
15	Antimicrobial Activity, AME Resistance, and A-Site Binding Studies of Anthraquinone-Neomycin Conjugates. <i>ACS Infectious Diseases</i> , 2017, 3, 206-215.	1.8	21
16	Deferiprone: Pan-selective Histone Lysine Demethylase Inhibition Activity and Structure Activity Relationship Study. <i>Scientific Reports</i> , 2019, 9, 4802.	1.6	20
17	Co-administration of Luteolin mitigated toxicity in rats' lungs associated with doxorubicin treatment. <i>Toxicology and Applied Pharmacology</i> , 2021, 411, 115380.	1.3	20
18	Chlorogenic acid abates oxido-inflammatory and apoptotic responses in the liver and kidney of Tamoxifen-treated rats. <i>Toxicology Research</i> , 2021, 10, 345-353.	0.9	19

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19	Chlorogenic acid co-administration abates tamoxifen-mediated reproductive toxicities in male rats: An experimental approach. <i>Journal of Food Biochemistry</i> , 2021, 45, e13615.	1.2	19
20	Apigeninidin-rich <i>Sorghum bicolor</i> (L. Moench) extracts suppress A549 cells proliferation and ameliorate toxicity of aflatoxin B1-mediated liver and kidney derangement in rats. <i>Scientific Reports</i> , 2022, 12, 7438.	1.6	19
21	Pyrimethamine conjugated histone deacetylase inhibitors: Design, synthesis and evidence for triple negative breast cancer selective cytotoxicity. <i>Bioorganic and Medicinal Chemistry</i> , 2020, 28, 115345.	1.4	18
22	A structure-activity relationship of non-peptide macrocyclic histone deacetylase inhibitors and their anti-proliferative and anti-inflammatory activities. <i>Bioorganic and Medicinal Chemistry</i> , 2015, 23, 7543-7564.	1.4	17
23	Lung Tissue Delivery of Virus-Like Particles Mediated by Macrolide Antibiotics. <i>Molecular Pharmaceutics</i> , 2019, 16, 2947-2955.	2.3	17
24	Caffeic acid mitigates aflatoxin B1-mediated toxicity in the male rat reproductive system by modulating inflammatory and apoptotic responses, testicular function, and the redox-regulatory systems. <i>Journal of Food Biochemistry</i> , 2022, 46, e14090.	1.2	16
25	The antileishmanial activity of isoforms 6- and 8-selective histone deacetylase inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014, 24, 4826-4830.	1.0	15
26	Determination of metal ion contents of two antiemetic clays use in Geophagy. <i>Toxicology Reports</i> , 2015, 2, 928-932.	1.6	13
27	Synthesis, antimicrobial activity, attenuation of aminoglycoside resistance in MRSA, and ribosomal A-site binding of pyrene-neomycin conjugates. <i>European Journal of Medicinal Chemistry</i> , 2019, 163, 381-393.	2.6	13
28	Indole-3-propionic acid mitigates chlorpyrifos-mediated neurotoxicity by modulating cholinergic and redox-regulatory systems, inflammatory stress, apoptotic responses and DNA damage in rats. <i>Environmental Toxicology and Pharmacology</i> , 2022, 89, 103786.	2.0	13
29	N-acetyl cysteine abates hepatorenal toxicities induced by perfluorooctanoic acid exposure in male rats. <i>Environmental Toxicology and Pharmacology</i> , 2021, 86, 103667.	2.0	11
30	Toward the rational design of macrolide antibiotics to combat resistance. <i>Chemical Biology and Drug Design</i> , 2017, 90, 641-652.	1.5	10
31	Liver-Targeting Class I Selective Histone Deacetylase Inhibitors Potently Suppress Hepatocellular Tumor Growth as Standalone Agents. <i>Cancers</i> , 2020, 12, 3095.	1.7	10
32	Exploiting translational stalling peptides in an effort to extend azithromycin interaction within the prokaryotic ribosome nascent peptide exit tunnel. <i>Bioorganic and Medicinal Chemistry</i> , 2015, 23, 5198-5209.	1.4	9
33	Design, synthesis, and evaluation of the antiproliferative activity of hydantoin-derived antiandrogen-genistein conjugates. <i>Bioorganic and Medicinal Chemistry</i> , 2018, 26, 1481-1487.	1.4	8
34	N-acetyl cysteine treatment abates perfluorooctanoic acid-induced reproductive toxicity in male rats. <i>Andrologia</i> , 2021, 53, e14037.	1.0	8
35	The modulatory effect of taurine on benzo (a) pyrene-induced hepatorenal toxicity. <i>Toxicology Research</i> , 2021, 10, 389-398.	0.9	8
36	Apigeninidin-enriched <i>Sorghum bicolor</i> (L. Moench) extracts alleviate Aflatoxin B <sub>1</sub> -induced dysregulation of male rat hypothalamic-reproductive axis. <i>Experimental Biology and Medicine</i> , 2022, 247, 1301-1316.	1.1	8

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37	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
38	Protocatechuic acid protects against hepatorenal toxicities in rats exposed to Furan. Drug and Chemical Toxicology, 2022, 45, 1840-1850.	1.2	6
39	Oxathiazole-2-one derivative of bortezomib: Synthesis, stability and proteasome inhibition activity. MedChemComm, 2011, 2, 1083.	3.5	4
40	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
41	Small Molecule Inhibitors Targeting $\text{G}\alpha_{i2}$ Protein Attenuate Migration of Cancer Cells. Cancers, 2020, 12, 1631.	1.7	4
42	Discovery of novel STAT3 DNA binding domain inhibitors. Future Medicinal Chemistry, 2021, 13, 1253-1269.	1.1	3
43	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