

# Ayodeji Ajayi

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2870064/publications.pdf>

Version: 2024-02-01

41  
papers

708  
citations

623188

14  
h-index

580395

25  
g-index

42  
all docs

42  
docs citations

42  
times ranked

483  
citing authors

#	ARTICLE	IF	CITATIONS
1	Staging of the estrous cycle and induction of estrus in experimental rodents: an update. <i>Fertility Research and Practice</i> , 2020, 6, 5.	4.1	233
2	Testicular toxicity following chronic codeine administration is via oxidative DNA damage and up-regulation of NO/TNF- $\alpha$ and caspase 3 activities. <i>PLoS ONE</i> , 2020, 15, e0224052.	1.1	63
3	The impact of reactive oxygen species in the development of cardiometabolic disorders: a review. <i>Lipids in Health and Disease</i> , 2021, 20, 23.	1.2	61
4	The physiology of male reproduction: Impact of drugs and their abuse on male fertility. <i>Andrologia</i> , 2020, 52, e13672.	1.0	35
5	Omega-3 fatty acid rescues ischaemia/perfusion-induced testicular and sperm damage via modulation of lactate transport and xanthine oxidase/uric acid signaling. <i>Biomedicine and Pharmacotherapy</i> , 2021, 142, 111975.	2.5	33
6	Laboratory diagnosis of COVID-19 in Africa: availability, challenges and implications. <i>Drug Discoveries and Therapeutics</i> , 2020, 14, 153-160.	0.6	25
7	Assessment of sexual behaviour and fertility indices in male rabbits following chronic codeine use. <i>Andrology</i> , 2020, 8, 509-515.	1.9	24
8	In vivo exposure to codeine induces reproductive toxicity: role of HER2 and p53/Bcl-2 signaling pathway. <i>Heliyon</i> , 2020, 6, e05589.	1.4	24
9	Antifertility activity of <i>Cryptolepis sanguinolenta</i> leaf ethanolic extract in male rats. <i>Journal of Human Reproductive Sciences</i> , 2012, 5, 43.	0.4	22
10	Glutamine restores testicular glutathione-dependent antioxidant defense and upregulates NO/cGMP signaling in sleep deprivation-induced reproductive dysfunction in rats. <i>Biomedicine and Pharmacotherapy</i> , 2022, 148, 112765.	2.5	22
11	Codeine-induced hepatic injury is via oxido-inflammatory damage and caspase-3-mediated apoptosis. <i>Molecular Biology Reports</i> , 2020, 47, 9521-9530.	1.0	21
12	Codeine exerts cardiorenal injury via upregulation of adenine deaminase/xanthine oxidase and caspase 3 signaling. <i>Life Sciences</i> , 2021, 273, 118717.	2.0	18
13	Exploration of surface glycoprotein to design multi-epitope vaccine for the prevention of Covid-19. <i>Informatics in Medicine Unlocked</i> , 2020, 21, 100438.	1.9	16
14	Hypothalamic-Pituitary-Ovarian Axis in Thyroid Dysfunction. <i>West Indian Medical Journal</i> , 2013, 62, 835-8.	0.4	15
15	A Critique of Computer Simulation Software's Used in Pharmacokinetics and Pharmacodynamics Analysis. <i>Current Clinical Pharmacology</i> , 2019, 13, 216-235.	0.2	11
16	Antispermato-genic mechanism of trona is associated with lipid peroxidation but not testosterone suppression. <i>Journal of Human Reproductive Sciences</i> , 2017, 10, 124.	0.4	11
17	Rohypnol-induced sexual dysfunction is via suppression of hypothalamic-pituitary-testicular axis: An experimental study in rats. <i>Andrologia</i> , 2021, 53, e13931.	1.0	9
18	Codeine alters female reproductive function by targeting ovarian steroidogenesis and folliculogenesis via the induction of oxidative stress, inflammation, and apoptosis. <i>Reproductive Toxicology</i> , 2022, 109, 1-9.	1.3	9

#	ARTICLE	IF	CITATIONS
19	Oxidative Stress and Cardiometabolic Disorders. <i>BioMed Research International</i> , 2021, 2021, 1-3.	0.9	8
20	Designing a conserved peptide-based subunit vaccine against SARS-CoV-2 using immunoinformatics approach. <i>In Silico Pharmacology</i> , 2021, 9, 8.	1.8	7
21	Apoptotic inducement of neuronal cells by codeine: possible role of disrupted redox state and caspase 3 signaling. <i>Heliyon</i> , 2021, 7, e07481.	1.4	7
22	Activation of Cardiac TNF- $\alpha$ in Altered Thyroid State-Induced Cardiometabolic Disorder. <i>Journal of Cardiovascular Disease Research (discontinued)</i> , 2017, 8, 151-156.	0.1	7
23	Immunohistochemical Studies of Age-Related Changes in Cell Proliferation and Angiogenesis during the Healing of Acetic Acid-Induced Gastric Ulcers in Rats. <i>Scientific World Journal, The</i> , 2020, 2020, 1-10.	0.8	6
24	Epidemiologic evidence linking oxidative stress and pulmonary function in healthy populations. <i>Chronic Diseases and Translational Medicine</i> , 2021, 7, 88-99.	0.9	6
25	Suppression of glutathione system and upregulation of caspase 3-dependent apoptosis mediate rohypnol-induced gastric injury. <i>Redox Report</i> , 2022, 27, 111-118.	1.4	6
26	Upregulation of Uric Acid Production and Caspase 3 Signalling Mediates Rohypnol-Induced Cardiorenal Damage. <i>Cardiovascular Toxicology</i> , 2022, 22, 419-435.	1.1	4
27	Hsps70 and 90 protect the heart of hyperthyroid rats via nitric oxide production and VEGF inhibition of apoptosis. <i>Endocrine and Metabolic Science</i> , 2021, 4, 100097.	0.7	2
28	AGE-RELATED CHANGES IN PROSTAGLANDIN E2, NITRIC OXIDE, AND VASCULAR ENDOTHELIAL GROWTH FACTOR LEVELS IN GASTRIC MUCOSA DURING THE HEALING OF ACETIC ACID-INDUCED ULCER. <i>Asian Journal of Pharmaceutical and Clinical Research</i> , 2018, 11, 517.	0.3	1
29	<i>Phyllanthus amarus</i> attenuated derangement in renal-cardiac function, redox status, lipid profile and reduced TNF- $\alpha$ , interleukins-2, 6 and 8 in high salt diet fed rats. <i>Heliyon</i> , 2021, 7, e08106.	1.4	1
30	Replacement value of cassava vinasse meal for maize on growth performance, haematological parameters and organoleptic properties of Japanese quails ( <i>Coturnix japonica</i> ). <i>Acta Fytotechnica Et Zootechnica</i> , 2019, 22, 7-12.	0.1	1
31	Title is missing!. , 2020, 15, e0224052.		0
32	Title is missing!. , 2020, 15, e0224052.		0
33	Title is missing!. , 2020, 15, e0224052.		0
34	Title is missing!. , 2020, 15, e0224052.		0
35	Title is missing!. , 2020, 15, e0224052.		0
36	Title is missing!. , 2020, 15, e0224052.		0

#	ARTICLE	IF	CITATIONS
37	Title is missing!. , 2020, 15, e0224052.		0
38	Title is missing!. , 2020, 15, e0224052.		0
39	Title is missing!.. , 2020, 15, e0224052.		0
40	Title is missing!.. , 2020, 15, e0224052.		0
41	Dysthyroidism induces hepatorenal injury by modulating HSP70/HSP90 and VEGF signaling in male Wistar rats.. Tropical Freshwater Biology, 2021, 36, 33-41.	0.1	0