

# Nicholas Ekow Thomford

## List of Publications by Year in descending order

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Version: 2024-02-01

35  
papers

2,188  
citations

430754

18  
h-index

377752

34  
g-index

35  
all docs

35  
docs citations

35  
times ranked

3880  
citing authors

#	ARTICLE	IF	CITATIONS
1	Natural Products for Drug Discovery in the 21st Century: Innovations for Novel Drug Discovery. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1578.	1.8	703
2	The Role of Tumor Microenvironment in Chemoresistance: To Survive, Keep Your Enemies Closer. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1586.	1.8	301
3	Advances in Regenerative Medicine and Tissue Engineering: Innovation and Transformation of Medicine. <i>Stem Cells International</i> , 2018, 2018, 1-24.	1.2	246
4	The Role of Tumor Microenvironment in Chemoresistance: 3D Extracellular Matrices as Accomplices. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2861.	1.8	114
5	Computational/in silico methods in drug target and lead prediction. <i>Briefings in Bioinformatics</i> , 2020, 21, 1663-1675.	3.2	107
6	Advances in Therapeutic Targeting of Cancer Stem Cells within the Tumor Microenvironment: An Updated Review. <i>Cells</i> , 2020, 9, 1896.	1.8	73
7	Host and Microbiome Genome-Wide Association Studies: Current State and Challenges. <i>Frontiers in Genetics</i> , 2018, 9, 637.	1.1	71
8	Pharmacogenomics Implications of Using Herbal Medicinal Plants on African Populations in Health Transition. <i>Pharmaceuticals</i> , 2015, 8, 637-663.	1.7	62
9	Integrating Artificial and Human Intelligence: A Partnership for Responsible Innovation in Biomedical Engineering and Medicine. <i>OMICS A Journal of Integrative Biology</i> , 2020, 24, 247-263.	1.0	57
10	Cancer Stem Cell Hypothesis for Therapeutic Innovation in Clinical Oncology? Taking the Root Out, Not Chopping the Leaf. <i>OMICS A Journal of Integrative Biology</i> , 2016, 20, 681-691.	1.0	47
11	Fibroblast-Derived Extracellular Matrix Induces Chondrogenic Differentiation in Human Adipose-Derived Mesenchymal Stromal/Stem Cells in Vitro. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1259.	1.8	44
12	Not Everyone Fits the Mold: Intratumor and Intertumor Heterogeneity and Innovative Cancer Drug Design and Development. <i>OMICS A Journal of Integrative Biology</i> , 2018, 22, 17-34.	1.0	40
13	Inhibition of CYP2B6 by Medicinal Plant Extracts: Implication for Use of Efavirenz and Nevirapine-Based Highly Active Anti-Retroviral Therapy (HAART) in Resource-Limited Settings. <i>Molecules</i> , 2016, 21, 211.	1.7	29
14	In Vitro Reversible and Time-Dependent CYP450 Inhibition Profiles of Medicinal Herbal Plant Extracts <i>Newbouldia laevis</i> and <i>Cassia abbreviata</i> : Implications for Herb-Drug Interactions. <i>Molecules</i> , 2016, 21, 891.	1.7	28
15	Wharton's Jelly-Derived Mesenchymal Stromal Cells and Fibroblast-Derived Extracellular Matrix Synergistically Activate Apoptosis in a p21-Dependent Mechanism in WHCO1 and MDA MB 231 Cancer Cells In Vitro. <i>Stem Cells International</i> , 2016, 2016, 1-17.	1.2	26
16	Implementing Artificial Intelligence and Digital Health in Resource-Limited Settings? Top 10 Lessons We Learned in Congenital Heart Defects and Cardiology. <i>OMICS A Journal of Integrative Biology</i> , 2020, 24, 264-277.	1.0	24
17	Targeting the Versatile Wnt/ $\beta$ -Catenin Pathway in Cancer Biology and Therapeutics: From Concept to Actionable Strategy. <i>OMICS A Journal of Integrative Biology</i> , 2019, 23, 517-538.	1.0	22
18	Bush mint ( <i>Hyptis suaveolens</i> ) and spreading hogweed ( <i>Boerhavia diffusa</i> ) medicinal plant extracts differentially affect activities of CYP1A2, CYP2D6 and CYP3A4 enzymes. <i>Journal of Ethnopharmacology</i> , 2018, 211, 58-69.	2.0	21

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19	Genomics and Epigenomics of Congenital Heart Defects: Expert Review and Lessons Learned in Africa. OMICS A Journal of Integrative Biology, 2018, 22, 301-321.	1.0	18
20	Personalized Herbal Medicine? A Roadmap for Convergence of Herbal and Precision Medicine Biomarker Innovations. OMICS A Journal of Integrative Biology, 2018, 22, 375-391.	1.0	17
21	Genetic Susceptibility for Cervical Cancer in African Populations: What Are the Host Genetic Drivers?. OMICS A Journal of Integrative Biology, 2018, 22, 468-483.	1.0	17
22	Cancer Stem Cell Markers in Relation to Patient Survival Outcomes: Lessons for Integrative Diagnostics and Next-Generation Anticancer Drug Development. OMICS A Journal of Integrative Biology, 2021, 25, 81-92.	1.0	17
23	African Lettuce ( <i>Launaea taraxacifolia</i> ) Displays Possible Anticancer Effects and Herb-Drug Interaction Potential by CYP1A2, CYP2C9, and CYP2C19 Inhibition. OMICS A Journal of Integrative Biology, 2016, 20, 528-537.	1.0	16
24	High-risk HPV genotypes in Zimbabwean women with cervical cancer: Comparative analyses between HIV-negative and HIV-positive women. PLoS ONE, 2021, 16, e0257324.	1.1	15
25	Chemoresistance to Cancer Treatment: Benzo- $\pm$ -Pyrene as Friend or Foe?. Molecules, 2018, 23, 930.	1.7	14
26	Drug response in association with pharmacogenomics and pharmacomicrobiomics: towards a better personalized medicine. Briefings in Bioinformatics, 2021, 22, .	3.2	14
27	The Genetics of Warfarin Dose-Response Variability in Africans: An Expert Perspective on Past, Present, and Future. OMICS A Journal of Integrative Biology, 2019, 23, 152-166.	1.0	10
28	Promoting Undetectable Equals Untransmittable in Sub-Saharan Africa: Implication for Clinical Practice and ART Adherence. International Journal of Environmental Research and Public Health, 2020, 17, 6163.	1.2	8
29	IHP-PING-generating integrated human protein-protein interaction networks on-the-fly. Briefings in Bioinformatics, 2021, 22, .	3.2	7
30	Clinical Spectrum of congenital heart defects (CHD) detected at the child health Clinic in a Tertiary Health Facility in Ghana: a retrospective analysis. Journal of Congenital Cardiology, 2020, 4, .	0.5	5
31	Childhood Obesity Risk in Relationship to Perilipin 1 ( <i>PLIN1</i> ) Gene Regulation by Circulating microRNAs. OMICS A Journal of Integrative Biology, 2020, 24, 43-50.	1.0	4
32	Single-Cell Omics: Deciphering Tumor Clonal Architecture. , 2019, , 61-97.		3
33	Turning Up the Volume for Precision Herbal Medicine in Africa in an Era of COVID-19 and Planetary Biodiversity Loss. OMICS A Journal of Integrative Biology, 2020, 24, 682-684.	1.0	3
34	A potential roadmap to overcome the current eastern DRC Ebola virus disease outbreak: From a computational perspective. Scientific African, 2020, 7, e00282.	0.7	3
35	Herbal Remedies: Throwing Off Phenotype Prediction-A Culprit for Pharmacogenomic-Guided Drug Therapy and Drug Safety. Clinical Pharmacology and Therapeutics, 2019, 106, 302-304.	2.3	2