Samuel Kojo Kwofie

List of Publications by Year
in descending order

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Version: 2024-02-01

44 papers	545 citations	687363 13 h-index	713466 21 g-index
44 all docs	44 docs citations	44 times ranked	553 citing authors

#	Article	IF	Citations
1	HCVpro: Hepatitis C virus protein interaction database. Infection, Genetics and Evolution, 2011, 11, 1971-1977.	2.3	76
2	DDPC: Dragon Database of Genes associated with Prostate Cancer. Nucleic Acids Research, 2011, 39, D980-D985.	14.5	38
3	Cheminformatics-Based Identification of Potential Novel Anti-SARS-CoV-2 Natural Compounds of African Origin. Molecules, 2021, 26, 406.	3.8	35
4	Pharmacoinformatics-based identification of potential bioactive compounds against Ebola virus protein VP24. Computers in Biology and Medicine, 2019, 113, 103414.	7.0	32
5	Molecular Docking and Dynamics Simulation Studies Predict Munc18b as a Target of Mycolactone: A Plausible Mechanism for Granule Exocytosis Impairment in Buruli Ulcer Pathogenesis. Toxins, 2019, 11, 181.	3.4	30
6	In Silico Screening of Isocitrate Lyase for Novel Anti-Buruli Ulcer Natural Products Originating from Africa. Molecules, 2018, 23, 1550.	3.8	29
7	Computational Identification of Potential Anti-Inflammatory Natural Compounds Targeting the p38 Mitogen-Activated Protein Kinase (MAPK): Implications for COVID-19-Induced Cytokine Storm. Biomolecules, 2021, 11, 653.	4.0	25
8	Chitosan Composites Synthesized Using Acetic Acid and Tetraethylorthosilicate Respond Differently to Methylene Blue Adsorption. Polymers, 2018, 10, 466.	4.5	24
9	Multitargeted Effects of Vitexin and Isovitexin on Diabetes Mellitus and Its Complications. Scientific World Journal, The, 2021, 2021, 1-20.	2.1	24
10	A Molecular Modeling Approach to Identify Potential Antileishmanial Compounds Against the Cell Division Cycle (cdc)-2-Related Kinase 12 (CRK12) Receptor of Leishmania donovani. Biomolecules, 2021, 11, 458.	4.0	19
11	Therapeutic Anti-Depressant Potential of Microbial GABA Produced by Lactobacillus rhamnosus Strains for GABAergic Signaling Restoration and Inhibition of Addiction-Induced HPA Axis Hyperactivity. Current Issues in Molecular Biology, 2022, 44, 1434-1451.	2.4	19
12	Ergonomics assessment of locally fabricated passenger seats in trotro vehicles in Accra, Ghana. Journal of Transport and Health, 2017, 6, 167-176.	2.2	17
13	Molecular Docking Simulation Studies Identifies Potential Natural Product Derived-Antiwolbachial Compounds as Filaricides against Onchocerciasis. Biomedicines, 2021, 9, 1682.	3.2	17
14	Leishmanicidal Potential of Hardwickiic Acid Isolated From Croton sylvaticus. Frontiers in Pharmacology, 2020, 11, 753.	3.5	16
15	Dragon exploratory system on Hepatitis C Virus (DESHCV). Infection, Genetics and Evolution, 2011, 11, 734-739.	2.3	13
16	The Search for Putative Hits in Combating Leishmaniasis: The Contributions of Natural Products Over the Last Decade. Natural Products and Bioprospecting, 2021, 11, 489-544.	4.3	13
17	Outwitting an Old Neglected Nemesis: A Review on Leveraging Integrated Data-Driven Approaches to Aid in Unraveling of Leishmanicides of Therapeutic Potential. Current Topics in Medicinal Chemistry, 2020, 20, 349-366.	2.1	13
18	Computational Study on Potential Novel Anti-Ebola Virus Protein VP35 Natural Compounds. Biomedicines, 2021, 9, 1796.	3.2	11

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19	Molecular Structure-Based Screening of the Constituents of Calotropis procera Identifies Potential Inhibitors of Diabetes Mellitus Target Alpha Glucosidase. Current Issues in Molecular Biology, 2022, 44, 963-987.	2.4	11
20	The emerging paradigm of calcium homeostasis as a new therapeutic target for protozoan parasites. Medicinal Research Reviews, 2022, 42, 56-82.	10.5	8
21	Homology Modeling, de Novo Design of Ligands, and Molecular Docking Identify Potential Inhibitors of Leishmania donovani 24-Sterol Methyltransferase. Frontiers in Cellular and Infection Microbiology, 2022, 12, .	3.9	8
22	Molecular Informatics Studies of the Iron-Dependent Regulator (ideR) Reveal Potential Novel Anti-Mycobacterium ulcerans Natural Product-Derived Compounds. Molecules, 2019, 24, 2299.	3.8	7
23	Antimalarials: Review of Plasmepsins as Drug Targets and HIV Protease Inhibitors Interactions. Current Topics in Medicinal Chemistry, 2019, 18, 2022-2028.	2.1	7
24	Review of Atypical Organometallic Compounds as Antimalarial Drugs. Journal of Chemistry, 2020, 2020, 1-9.	1.9	7
25	Unravelling the myth surrounding sterol biosynthesis as plausible target for drug design against leishmaniasis. Journal of Parasitic Diseases, 2021, 45, 1152-1171.	1.0	6
26	Molecular docking and dynamics simulations studies of OmpATb identifies four potential novel natural product-derived anti-Mycobacterium tuberculosis compounds. Computers in Biology and Medicine, 2020, 122, 103811.	7.0	6
27	Electrochemical Response of Saccharomyces cerevisiae Corresponds to Cell Viability upon Exposure to Dioclea reflexa Seed Extracts and Antifungal Drugs. Biosensors, 2019, 9, 45.	4.7	5
28	Pharmacophore-Guided Identification of Natural Products as Potential Inhibitors of Mycobacterium ulcerans Cystathionine Î³-Synthase MetB. Computation, 2021, 9, 32.	2.0	4
29	Molecular modelling and de novo fragment-based design of potential inhibitors of beta-tubulin gene of Necator americanus from natural products. Informatics in Medicine Unlocked, 2021, 26, 100734.	3.4	4
30	Antileishmanial effects of Sargassum vulgare products and prediction of trypanothione reductase inhibition by fucosterol. Future Drug Discovery, 2020, 2, .	2.1	3
31	Investigating the Conformation of S100Î² Protein Under Physiological Parameters Using Computational Modeling: A Clue for Rational Drug Design. Open Biomedical Engineering Journal, 2018, 12, 36-50.	0.5	3
32	Development of a proteochemometric-based support vector machine model for predicting bioactive molecules of tubulin receptors. Molecular Diversity, 2022, 26, 2231-2242.	3.9	3
33	Density Functional Theory-Based Studies Predict Carbon Nanotubes as Effective Mycolactone Inhibitors. Molecules, 2022, 27, 4440.	3.8	3
34	A plasmonic photo-thermal probe for thermoablation of post-operative breast cancer cells. Cogent Engineering, 2017, 4, 1331966.	2.2	2
35	Identification of novel potential inhibitors of varicella-zoster virus thymidine kinase from ethnopharmacologic relevant plants through an in-silico approach. Journal of Biomolecular Structure and Dynamics, 2021, , 1-16.	3.5	2
36	Surveys, Serologies, and Sequences Reveal History of Iatrogenic Transmission of HIV-1. Journal of Infectious Diseases, 2016, 214, 341-343.	4.0	1

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37	Therapeutic potential of HIV-1 entry inhibitor peptidomimetics. Experimental Biology and Medicine, 2021, 246, 1060-1068.	2.4	1
38	Prediction of antischistosomal small molecules using machine learning in the era of big data. Molecular Diversity, 2021, , 1.	3.9	1
39	Dualâ€Inhibition of Human N â€Myristoyltransferase Subtypes Halts Common Cold Pathogenesis: Atomistic Perspectives from the Case of IMPâ€1088**. Chemistry and Biodiversity, 2021, , .	2.1	1
40	Computer-aided identification of potential inhibitors against Necator americanus glutathione S-transferase 3. Informatics in Medicine Unlocked, 2022, 30, 100957.	3.4	1
41	Electrochemical Response of Cells Using Bioactive Plant Isolates. , 0, , .		0
42	Investigating the Conformation of S100Î² Protein Under Physiological Parameters Using Computational Modeling: A Clue for Rational Drug Design. Open Biomedical Engineering Journal, 2018, 12, 73-73.	0.5	0
43	Deep Neural Networks predict inhibitors of Schistosoma mansoni thioredoxin glutathione reductase (SmTGR). Journal of Computational Biophysics and Chemistry, 0, , .	1.7	0
44	Molecular Informatics of Trypanothione Reductase of Leishmania major Reveals Novel Chromen-2-One Analogues as Potential Leishmanicides. , 0, , .		0