

Akpovwehwee A Anigboro

List of Publications by Year in descending order

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9
papers

133
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1163117
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docs citations

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#	ARTICLE	IF	CITATIONS
1	Phytochemical profile, antioxidant, $\hat{I}\pm$ -amylase inhibition, binding interaction and docking studies of <i>Justicia carnea</i> bioactive compounds with $\hat{I}\pm$ -amylase. <i>Biophysical Chemistry</i> , 2021, 269, 106529.	2.8	28
2	Anti-obesity, antioxidant and in silico evaluation of <i>Justicia carnea</i> bioactive compounds as potential inhibitors of an enzyme linked with obesity: Insights from kinetics, semi-empirical quantum mechanics and molecular docking analysis. <i>Biophysical Chemistry</i> , 2021, 274, 106607.	2.8	19
3	Isolation, identification and in silico analysis of alpha-amylase gene of <i>Aspergillus niger</i> strain CSA35 obtained from cassava undergoing spoilage. <i>Biochemistry and Biophysics Reports</i> , 2018, 14, 35-42.	1.3	16
4	Investigation of the binding interaction of $\hat{I}\pm$ -amylase with <i>Chrysophyllum albidum</i> seed extract and its silver nanoparticles: A multi-spectroscopic approach. <i>Chemical Data Collections</i> , 2020, 29, 100517.	2.3	16
5	Characterization of $\hat{I}\pm$ -amylases isolated from <i>Cyperus esculentus</i> seeds (tigernut): Biochemical features, kinetics and thermal inactivation thermodynamics. <i>Biocatalysis and Agricultural Biotechnology</i> , 2019, 21, 101298.	3.1	15
6	Exploring the binding interactions of structurally diverse dichalcogenoimidodiphosphate ligands with $\hat{I}\pm$ -amylase: Spectroscopic approach coupled with molecular docking. <i>Biochemistry and Biophysics Reports</i> , 2020, 24, 100837.	1.3	13
7	Characterization of a surfactant-stable $\hat{I}\pm$ -amylase produced by solid-state fermentation of cassava (<i>Manihot esculenta</i> Crantz) tubers using <i>Rhizopus oligosporus</i> : Kinetics, thermal inactivation thermodynamics and potential application in laundry industries. <i>Biocatalysis and Agricultural Biotechnology</i> , 2022, 39, 102290.	3.1	13
8	$\hat{I}\pm$ -Amylase inhibition, anti-glycation property and characterization of the binding interaction of citric acid with $\hat{I}\pm$ -amylase using multiple spectroscopic, kinetics and molecular docking approaches. <i>Journal of Molecular Liquids</i> , 2022, 360, 119454.	4.9	12
9	Isolation, identification and in silico analysis of bitter leaves (<i>Vernonia amygdalina</i>) ribulose-1,5-bisphosphate carboxylase/oxygenase gene. <i>Gene Reports</i> , 2020, 20, 100720.	0.8	1