

Francis J Osonga

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

365
citations

932766

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h-index

996533

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15
all docs

15
docs citations

15
times ranked

478
citing authors

#	ARTICLE	IF	CITATIONS
1	Antimicrobial Activity of a New Class of Phosphorylated and Modified Flavonoids. ACS Omega, 2019, 4, 12865-12871.	1.6	74
2	Size and Shape-Dependent Antimicrobial Activities of Silver and Gold Nanoparticles: A Model Study as Potential Fungicides. Molecules, 2020, 25, 2682.	1.7	73
3	Synthesis, characterization and antifungal activities of eco-friendly palladium nanoparticles. RSC Advances, 2020, 10, 5894-5904.	1.7	46
4	Greener synthesis and characterization, antimicrobial and cytotoxicity studies of gold nanoparticles of novel shapes and sizes. RSC Advances, 2016, 6, 2302-2313.	1.7	30
5	Flavonoid-derived anisotropic silver nanoparticles inhibit growth and change the expression of virulence genes in Escherichia coli SM10. RSC Advances, 2018, 8, 4649-4661.	1.7	23
6	Synthesis and characterization of novel flavonoid derivatives via sequential phosphorylation of quercetin. Tetrahedron Letters, 2017, 58, 1474-1479.	0.7	21
7	Novel quercetin and apigenin-acetamide derivatives: design, synthesis, characterization, biological evaluation and molecular docking studies. RSC Advances, 2020, 10, 25046-25058.	1.7	20
8	Synthesis and antibacterial characterization of sustainable nanosilver using naturally-derived macromolecules. Science of the Total Environment, 2016, 563-564, 977-986.	3.9	19
9	Water-based synthesis of gold and silver nanoparticles with cuboidal and spherical shapes using luteolin tetraphosphate at room temperature. Environmental Science: Nano, 2018, 5, 917-932.	2.2	12
10	Photochemical Synthesis and Catalytic Applications of Gold Nanoplates Fabricated Using Quercetin Diphosphate Macromolecules. ACS Omega, 2019, 4, 6511-6520.	1.6	12
11	A new substrate for alkaline phosphatase based on quercetin pentaphosphate. Analyst, The, 2014, 139, 5472-5481.	1.7	10
12	Mechanism of Interactions of dsDNA Binding with Apigenin and Its Sulfamate Derivatives Using Multispectroscopic, Voltammetric, and Molecular Docking Studies. ACS Omega, 2021, 6, 5124-5137.	1.6	7
13	Greener One-Pot Synthesis of Gold Nanoparticle Glycoconjugates Using Functionalized Sugars. ACS Agricultural Science and Technology, 2021, 1, 379-389.	1.0	7
14	Influence of Particle Size and Shapes on the Antifungal Activities of Greener Nanostructured Copper against <i>Penicillium italicum</i> . ACS Agricultural Science and Technology, 2022, 2, 42-56.	1.0	7
15	Reactivity, characterization of reaction products and immobilization of lead in water and sediments using quercetin pentaphosphate. Environmental Sciences: Processes and Impacts, 2016, 18, 306-313.	1.7	4