

Colani T Fakude

List of Publications by Citations

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32
papers

3,171
citations

19
h-index

33
g-index

33
ext. papers

3,972
ext. citations

5.4
avg, IF

6.62
L-index

#	Paper	IF	Citations
32	Simultaneous determination of cholesterol, ascorbic acid and uric acid as three essential biological compounds at a carbon paste electrode modified with copper oxide decorated reduced graphene oxide nanocomposite and ionic liquid. <i>Journal of Colloid and Interface Science</i> , 2020 , 560, 208-212	9.3	269
31	The role of magnetite/graphene oxide nano-composite as a high-efficiency adsorbent for removal of phenazopyridine residues from water samples, an experimental/theoretical investigation. <i>Journal of Molecular Liquids</i> , 2020 , 298, 112040	6	248
30	3D reduced graphene oxide/FeNi ₃ -ionic liquid nanocomposite modified sensor; an electrical synergic effect for development of tert-butylhydroquinone and folic acid sensor. <i>Composites Part B: Engineering</i> , 2019 , 172, 666-670	10	225
29	Tuning of metal oxides photocatalytic performance using Ag nanoparticles integration. <i>Journal of Molecular Liquids</i> , 2020 , 314, 113588	6	225
28	Electrochemical Sensors, a Bright Future in the Fabrication of Portable Kits in Analytical Systems. <i>Chemical Record</i> , 2020 , 20, 682-692	6.6	211
27	Analysis of glutathione in the presence of acetaminophen and tyrosine via an amplified electrode with MgO/SWCNTs as a sensor in the hemolyzed erythrocyte. <i>Talanta</i> , 2018 , 176, 208-213	6.2	193
26	An amplified voltammetric sensor based on platinum nanoparticle/polyoxometalate/two-dimensional hexagonal boron nitride nanosheets composite and ionic liquid for determination of N-hydroxysuccinimide in water samples. <i>Journal of Molecular Liquids</i> , 2020 , 310, 113127	6	187
25	A new epirubicin biosensor based on amplifying DNA interactions with polypyrrole and nitrogen-doped reduced graphene: Experimental and docking theoretical investigations. <i>Sensors and Actuators B: Chemical</i> , 2019 , 284, 568-574	8.5	183
24	The determination of 2-phenylphenol in the presence of 4-chlorophenol using nano-FeO/ionic liquid paste electrode as an electrochemical sensor. <i>Journal of Colloid and Interface Science</i> , 2019 , 554, 603-610	9.3	182
23	Simultaneous determination of doxorubicin and dasatinib as two breast anticancer drugs uses an amplified sensor with ionic liquid and ZnO nanoparticle. <i>Journal of Electroanalytical Chemistry</i> , 2018 , 811, 84-88	4.1	180
22	A critical review on the use of potentiometric based biosensors for biomarkers detection. <i>Biosensors and Bioelectronics</i> , 2021 , 184, 113252	11.8	171
21	Voltammetric amplified platform based on ionic liquid/NiO nanocomposite for determination of benserazide and levodopa. <i>Journal of Molecular Liquids</i> , 2019 , 278, 672-676	6	157
20	Highly sensitive square wave voltammetric sensor employing CdO/SWCNTs and room temperature ionic liquid for analysis of vanillin and folic acid in food samples. <i>Journal of Food Composition and Analysis</i> , 2017 , 62, 254-259	4.1	156
19	An electrochemical-amplified-platform based on the nanostructure voltammetric sensor for the determination of carmoisine in the presence of tartrazine in dried fruit and soft drink samples. <i>Journal of Food Measurement and Characterization</i> , 2018 , 12, 634-640	2.8	128
18	Recent advances in removal techniques of Cr(VI) toxic ion from aqueous solution: A comprehensive review. <i>Journal of Molecular Liquids</i> , 2021 , 329, 115062	6	127
17	A green and sensitive guanine-based DNA biosensor for idarubicin anticancer monitoring in biological samples: A simple and fast strategy for control of health quality in chemotherapy procedure confirmed by docking investigation. <i>Chemosphere</i> , 2021 , 132928	8.4	82
16	An amplified platform nanostructure sensor for the analysis of epirubicin in the presence of topotecan as two important chemotherapy drugs for breast cancer therapy. <i>New Journal of Chemistry</i> , 2018 , 42, 3828-3832	3.6	55

15	An electrochemical strategy to determine thiosulfate, 4-chlorophenol and nitrite as three important pollutants in water samples via a nanostructure modified sensor. <i>Journal of Colloid and Interface Science</i> , 2017 , 507, 11-17	9.3	32
14	Voltammetric food analytical sensor for determining vanillin based on amplified NiFe ₂ O ₄ nanoparticle/ionic liquid sensor. <i>Journal of Food Measurement and Characterization</i> , 2020 , 14, 1039-1045	2.8	25
13	Square wave voltammetric determination of hydrazine and 4-chlorophenol as two important water pollutants using nanostructure-amplified sensor. <i>Research on Chemical Intermediates</i> , 2018 , 44, 5389-5401	2.8	17
12	Electrochemical aptasensing of cadmium (II) on a carbon black-gold nano-platform. <i>Journal of Electroanalytical Chemistry</i> , 2020 , 858, 113796	4.1	17
11	An ultrasensitive electroanalytical sensor based on MgO/SWCNTs- 1-Butyl-3-methylimidazolium bis(trifluoromethylsulfonyl)imide paste electrode for the determination of ferulic acid in the presence sulfite in food samples. <i>Microchemical Journal</i> , 2020 , 154, 104572	4.8	16
10	A review on magnetic sensors for monitoring of hazardous pollutants in water resources.. <i>Science of the Total Environment</i> , 2022 , 153844	10.2	13
9	Simultaneous Determination of Epinephrine and Tyrosine Using a Glassy Carbon Electrode Amplified with ZnO-Pt/CNTs Nanocomposite. <i>Current Analytical Chemistry</i> , 2019 , 15, 166-171	1.7	12
8	Evaluation of Pt,Pd-Doped, NiO-Decorated, Single-Wall Carbon Nanotube-Ionic Liquid Carbon Paste Chemically Modified Electrode: An Ultrasensitive Anticancer Drug Sensor for the Determination of Daunorubicin in the Presence of Tamoxifen. <i>Frontiers in Chemistry</i> , 2020 , 8, 677	5	11
7	Metal-based Nanoparticles as Conductive Mediators in Electrochemical Sensors: A Mini Review. <i>Current Analytical Chemistry</i> , 2019 , 15, 136-142	1.7	9
6	Nitrogen-doped Graphene Electrochemical Sensor for Selenium (IV) in Water. <i>International Journal of Electrochemical Science</i> , 2019 , 9391-9403	2.2	8
5	Application of deep eutectic solvent and SWCNT-ZrO ₂ nanocomposite as conductive mediators for the fabrication of simple and rapid electrochemical sensor for determination of trace anti-migration drugs. <i>Microchemical Journal</i> , 2021 , 165, 106141	4.8	8
4	NiO/SWCNTs coupled with an ionic liquid composite for amplified carbon paste electrode; A feasible approach for improving sensing ability of adrenalone and folic acid in dosage form. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020 , 188, 113393	3.5	7
3	Flexible Polyester Screen-printed Electrode Modified with Carbon Nanofibers for the Electrochemical Aptasensing of Cadmium (II). <i>Electroanalysis</i> , 2020 , 32, 2650-2658	3	7
2	Pt-Pd-doped NiO nanoparticle decorated at single-wall carbon nanotubes: An excellent, powerful electrocatalyst for the fabrication of An electrochemical sensor to determine nalbuphine in the presence of tramadol as two opioid analgesic drugs. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020 , 188, 113393	3.5	5
1	Electrochemical Determination of Mycophenolate Mofetil in Drug Samples Using Carbon Paste Electrode Modified with 1-methyl-3-butylimidazolium Bromide and NiO/SWCNTs Nanocomposite. <i>Current Analytical Chemistry</i> , 2019 , 15, 177-182	1.7	5