

Colani T Fakude

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

4,966
citations

279798

23
h-index

414414

32
g-index

33
all docs

33
docs citations

33
times ranked

2864
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	9.4	364
2	A critical review on the use of potentiometric based biosensors for biomarkers detection. <i>Biosensors and Bioelectronics</i> , 2021, 184, 113252.	10.1	343
3	Electrochemical Sensors, a Bright Future in the Fabrication of Portable Kits in Analytical Systems. <i>Chemical Record</i> , 2020, 20, 682-692.	5.8	340
4	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.	4.9	332
5	Tuning of metal oxides photocatalytic performance using Ag nanoparticles integration. <i>Journal of Molecular Liquids</i> , 2020, 314, 113588.	4.9	323
6	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.	4.9	319
7	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.	12.0	305
8	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.	3.8	262
9	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, 113185.	4.9	248
10	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.	7.8	246
11	The determination of 2-phenylphenol in the presence of 4-chlorophenol using nano-Fe ₃ O ₄ /ionic liquid paste electrode as an electrochemical sensor. <i>Journal of Colloid and Interface Science</i> , 2019, 554, 603-610.	9.4	242
12	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.	5.5	238
13	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.	4.9	237
14	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> , 2022, 291, 132928.	8.2	194
15	A review on magnetic sensors for monitoring of hazardous pollutants in water resources. <i>Science of the Total Environment</i> , 2022, 824, 153844.	8.0	191
16	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.	3.9	189
17	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.	3.2	175
18	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.	2.8	65

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19	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.	3.2	45
20	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.	9.4	41
21	Electrochemical aptasensing of cadmium (II) on a carbon black-gold nano-platform. <i>Journal of Electroanalytical Chemistry</i> , 2020, 858, 113796.	3.8	41
22	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.	4.5	37
23	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.	2.7	34
24	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.	3.6	26
25	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.	4.5	23
26	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.	1.2	21
27	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, 189, 113397.	2.8	19
28	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.	2.8	17
29	Flexible Polyester Screen-Printed Electrode Modified with Carbon Nanofibers for the Electrochemical Aptasensing of Cadmium (II). <i>Electroanalysis</i> , 2020, 32, 2650-2658.	2.9	16
30	Metal-based Nanoparticles as Conductive Mediators in Electrochemical Sensors: A Mini Review. <i>Current Analytical Chemistry</i> , 2019, 15, 136-142.	1.2	14
31	Nitrogen-doped Graphene Electrochemical Sensor for Selenium (IV) in Water. <i>International Journal of Electrochemical Science</i> , 2019, 14, 9391-9403.	1.3	10
32	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.	1.2	9