

# Colani T Fakude

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/7538497/colani-t-fakude-publications-by-year.pdf>

**Version:** 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	A review on magnetic sensors for monitoring of hazardous pollutants in water resources.. <i>Science of the Total Environment</i> , <b>2022</b> , 153844	10.2	13
31	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> , <b>2021</b> , 132928	8.4	82
30	Application of deep eutectic solvent and SWCNT-ZrO <sub>2</sub> nanocomposite as conductive mediators for the fabrication of simple and rapid electrochemical sensor for determination of trace anti-migration drugs. <i>Microchemical Journal</i> , <b>2021</b> , 165, 106141	4.8	8
29	Recent advances in removal techniques of Cr(VI) toxic ion from aqueous solution: A comprehensive review. <i>Journal of Molecular Liquids</i> , <b>2021</b> , 329, 115062	6	127
28	A critical review on the use of potentiometric based biosensors for biomarkers detection. <i>Biosensors and Bioelectronics</i> , <b>2021</b> , 184, 113252	11.8	171
27	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> , <b>2020</b> , 188, 113393	3.5	7
26	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> , <b>2020</b> , 189, 113397	3.5	5
25	Tuning of metal oxides photocatalytic performance using Ag nanoparticles integration. <i>Journal of Molecular Liquids</i> , <b>2020</b> , 314, 113588	6	225
24	Flexible Polyester Screen-printed Electrode Modified with Carbon Nanofibers for the Electrochemical Aptasensing of Cadmium (II). <i>Electroanalysis</i> , <b>2020</b> , 32, 2650-2658	3	7
23	Voltammetric food analytical sensor for determining vanillin based on amplified NiFe <sub>2</sub> O <sub>4</sub> nanoparticle/ionic liquid sensor. <i>Journal of Food Measurement and Characterization</i> , <b>2020</b> , 14, 1039-1045 <sup>2.8</sup>	2.8	25
22	Electrochemical aptasensing of cadmium (II) on a carbon black-gold nano-platform. <i>Journal of Electroanalytical Chemistry</i> , <b>2020</b> , 858, 113796	4.1	17
21	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> , <b>2020</b> , 154, 104572	4.8	16
20	Electrochemical Sensors, a Bright Future in the Fabrication of Portable Kits in Analytical Systems. <i>Chemical Record</i> , <b>2020</b> , 20, 682-692	6.6	211
19	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> , <b>2020</b> , 298, 112040	6	248
18	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> , <b>2020</b> , 8, 677	5	11
17	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> , <b>2020</b> , 560, 208-212	9.3	269
16	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> , <b>2020</b> , 313, 113185	6	187

15	Voltammetric amplified platform based on ionic liquid/NiO nanocomposite for determination of benserazide and levodopa. <i>Journal of Molecular Liquids</i> , <b>2019</b> , 278, 672-676	6	157
14	3D reduced graphene oxide/FeNi <sub>3</sub> -ionic liquid nanocomposite modified sensor; an electrical synergic effect for development of tert-butylhydroquinone and folic acid sensor. <i>Composites Part B: Engineering</i> , <b>2019</b> , 172, 666-670	10	225
13	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> , <b>2019</b> , 554, 603-610	9.3	182
12	Nitrogen-doped Graphene Electrochemical Sensor for Selenium (IV) in Water. <i>International Journal of Electrochemical Science</i> , <b>2019</b> , 9391-9403	2.2	8
11	Simultaneous Determination of Epinephrine and Tyrosine Using a Glassy Carbon Electrode Amplified with ZnO-Pt/CNTs Nanocomposite. <i>Current Analytical Chemistry</i> , <b>2019</b> , 15, 166-171	1.7	12
10	Metal-based Nanoparticles as Conductive Mediators in Electrochemical Sensors: A Mini Review. <i>Current Analytical Chemistry</i> , <b>2019</b> , 15, 136-142	1.7	9
9	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> , <b>2019</b> , 15, 177-182	1.7	5
8	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> , <b>2019</b> , 284, 568-574	8.5	183
7	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> , <b>2018</b> , 42, 3828-3832	3.6	55
6	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> , <b>2018</b> , 811, 84-88	4.1	180
5	Square wave voltammetric determination of hydrazine and 4-chlorophenol as two important water pollutants using nanostructure-amplified sensor. <i>Research on Chemical Intermediates</i> , <b>2018</b> , 44, 5389-5401	2.8	17
4	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> , <b>2018</b> , 12, 634-640	2.8	128
3	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> , <b>2018</b> , 176, 208-213	6.2	193
2	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> , <b>2017</b> , 507, 11-17	9.3	32
1	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> , <b>2017</b> , 62, 254-259	4.1	156