

# Felix Yh Kutsanedzie

## List of Publications by Year in descending order

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Version: 2024-02-01

32  
papers

1,278  
citations

346980

22  
h-index

466096

32  
g-index

32  
all docs

32  
docs citations

32  
times ranked

1124  
citing authors

#	ARTICLE	IF	CITATIONS
1	Hydrothermal fabrication of MoS <sub>2</sub> /reduced graphene oxide nanohybrid composite for the electrochemical sensing of Hg(II) in green tea. <i>Materials Today: Proceedings</i> , 2022, 62, 5378-5384.	0.9	1
2	Cysteamine-mediated upconversion sensor for lead ion detection in food. <i>Journal of Food Measurement and Characterization</i> , 2021, 15, 4849-4857.	1.6	10
3	Functionalized hollow Au@Ag nanoflower SERS matrix for pesticide sensing in food. <i>Sensors and Actuators B: Chemical</i> , 2020, 324, 128718.	4.0	47
4	Development of Colorimetric Detection of 2,4,5-Trimethyloxazole in Volatile Organic Compounds Based on Porphyrin Complexes for Vinegar Storage Time Discrimination. <i>Food Analytical Methods</i> , 2020, 13, 2192-2203.	1.3	9
5	FT-NIR coupled chemometric methods rapid prediction of K-value in fish. <i>Vibrational Spectroscopy</i> , 2020, 108, 103044.	1.2	23
6	An Overview on the Applications of Typical Non-linear Algorithms Coupled With NIR Spectroscopy in Food Analysis. <i>Food Engineering Reviews</i> , 2020, 12, 173-190.	3.1	77
7	Signal-enhanced SERS-sensors of CAR-PLS and GA-PLS coupled AgNPs for ochratoxin A and aflatoxin B1 detection. <i>Food Chemistry</i> , 2020, 315, 126231.	4.2	100
8	Mesoporous silica supported orderly-spaced gold nanoparticles SERS-based sensor for pesticides detection in food. <i>Food Chemistry</i> , 2020, 315, 126300.	4.2	135
9	rGO-NS SERS-based coupled chemometric prediction of acetamiprid residue in green tea. <i>Journal of Food and Drug Analysis</i> , 2019, 27, 145-153.	0.9	45
10	Synthesized Au NPs@silica composite as surface-enhanced Raman spectroscopy (SERS) substrate for fast sensing trace contaminant in milk. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 206, 405-412.	2.0	47
11	Synthesis of highly fluorescent RhDCP as an ideal inner filter effect pair for the NaYF <sub>4</sub> :Yb,Er upconversion fluorescent nanoparticles to detect trace amount of Hg(II) in water and food samples. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2019, 382, 111950.	2.0	12
12	A Novel Nanoscaled Chemo Dye-Based Sensor for the Identification of Volatile Organic Compounds During the Mildewing Process of Stored Wheat. <i>Food Analytical Methods</i> , 2019, 12, 2895-2907.	1.3	17
13	Rapid and Nondestructive Quantification of Trimethylamine by FT-NIR Coupled with Chemometric Techniques. <i>Food Analytical Methods</i> , 2019, 12, 2035-2044.	1.3	25
14	Advances in Nondestructive Methods for Meat Quality and Safety Monitoring. <i>Food Reviews International</i> , 2019, 35, 536-562.	4.3	50
15	Fast sensing of imidacloprid residue in tea using surface-enhanced Raman scattering by comparative multivariate calibration. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 211, 86-93.	2.0	50
16	NaYF <sub>4</sub> @Yb, Ho, Au/GO-nanohybrid materials for SERS applications—Pb(II) detection and prediction. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 174, 598-606.	2.5	11
17	SERS-signal optimised AgNPs-plated-ZnO nanoflower-like structure synthesised for sensing applications. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2019, 383, 1312-1317.	0.9	23
18	Ratiometric fluorescence detection of Cd <sup>2+</sup> and Pb <sup>2+</sup> by inner filter-based upconversion nanoparticle-dithizone nanosystem. <i>Microchemical Journal</i> , 2019, 144, 296-302.	2.3	43

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19	Rapid Pseudomonas Species Identification from Chicken by Integrating Colorimetric Sensors with Near-Infrared Spectroscopy. <i>Food Analytical Methods</i> , 2018, 11, 1199-1208.	1.3	29
20	Near infrared system coupled chemometric algorithms for enumeration of total fungi count in cocoa beans neat solution. <i>Food Chemistry</i> , 2018, 240, 231-238.	4.2	129
21	Near infrared chemo-responsive dye intermediaries spectra-based in-situ quantification of volatile organic compounds. <i>Sensors and Actuators B: Chemical</i> , 2018, 254, 597-602.	4.0	34
22	Evaluation of extra-virgin olive oil adulteration using FTIR spectroscopy combined with multivariate algorithms. <i>Quality Assurance and Safety of Crops and Foods</i> , 2018, 10, 411-421.	1.8	13
23	Qualitative and quantitative analysis of chlorpyrifos residues in tea by surface-enhanced Raman spectroscopy (SERS) combined with chemometric models. <i>LWT - Food Science and Technology</i> , 2018, 97, 760-769.	2.5	67
24	A nanosystem composed of upconversion nanoparticles and N, N-diethyl-p-phenylenediamine for fluorimetric determination of ferric ion. <i>Mikrochimica Acta</i> , 2018, 185, 378.	2.5	25
25	Prediction of amino acids, caffeine, theaflavins and water extract in black tea using FT-NIR spectroscopy coupled chemometrics algorithms. <i>Analytical Methods</i> , 2018, 10, 3023-3031.	1.3	52
26	Portable spectroscopy system determination of acid value in peanut oil based on variables selection algorithms. <i>Measurement: Journal of the International Measurement Confederation</i> , 2017, 103, 179-185.	2.5	37
27	Highly sensitive and label-free determination of thiram residue using surface-enhanced Raman spectroscopy (SERS) coupled with paper-based microfluidics. <i>Analytical Methods</i> , 2017, 9, 6186-6193.	1.3	67
28	In situ cocoa beans quality grading by near-infrared-chemodyes systems. <i>Analytical Methods</i> , 2017, 9, 5455-5463.	1.3	21
29	Comparative analysis on the effectiveness of various filtration methods on the potability of water. <i>Water Quality Research Journal of Canada</i> , 2016, 51, 42-46.	1.2	1
30	Quantifying Total Viable Count in Pork Meat Using Combined Hyperspectral Imaging and Artificial Olfaction Techniques. <i>Food Analytical Methods</i> , 2016, 9, 3015-3024.	1.3	52
31	Feasibility study on nondestructively sensing meat's freshness using light scattering imaging technique. <i>Meat Science</i> , 2016, 119, 102-109.	2.7	25
32	Assessment of Irrigation Dynamics on Vegetable Production Safety in the Accra Metropolis. <i>Open Access Library Journal (oalib)</i> , 2015, 02, 1-7.	0.1	1