

Shaneel Chandra

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

1,149
citations

623734

14
h-index

395702

33
g-index

41
all docs

41
docs citations

41
times ranked

1699
citing authors

#	ARTICLE	IF	CITATIONS
1	Student Readiness and Perception of Tablet Learning in Higher Education in the Pacific- A Case Study of Fiji and Tuvalu. <i>Journal of Cases on Information Technology</i> , 2022, 22, 52-69.	0.7	14
2	Electrochemical detection of nitrate, nitrite and ammonium for on-site water quality monitoring. <i>Current Opinion in Electrochemistry</i> , 2022, 32, 100926.	4.8	15
3	Processes, Challenges and Optimisation of Rum Production from Molasses – A Contemporary Review. <i>Fermentation</i> , 2021, 7, 21.	3.0	12
4	Guilty by association: Assessment of environmental loadings on arsenic distribution in two Pacific Island rivers. <i>Science of the Total Environment</i> , 2021, 796, 148969.	8.0	0
5	Antioxidative properties and macrochemical composition of five commercial mungbean varieties in Australia. , 2020, 2, e27.		25
6	A new sensor for detecting microrna 133B (Parkinson’s disease biomarker). <i>Sensors International</i> , 2020, 1, 100005.	8.4	3
7	First Assessment of Metals Contamination in Road Dust and Roadside Soil of Suva City, Fiji. <i>Archives of Environmental Contamination and Toxicology</i> , 2019, 77, 249-262.	4.1	32
8	Parkinson's Disease and the Environment. <i>Frontiers in Neurology</i> , 2019, 10, 218.	2.4	260
9	Determining meat freshness using electrochemistry: Are we ready for the fast and furious?. <i>Meat Science</i> , 2019, 150, 40-46.	5.5	27
10	Mid-infrared spectroscopy coupled with chemometrics to identify spectral variability in Australian barley samples from different production regions. <i>Journal of Cereal Science</i> , 2019, 85, 41-47.	3.7	15
11	Meat Consumption and Green Gas Emissions: a Chemometrics Analysis. <i>Food Analytical Methods</i> , 2019, 12, 469-474.	2.6	4
12	Sensitive inorganic arsenic speciation on a voltammetric platform in environmental water samples. <i>Microchemical Journal</i> , 2018, 139, 301-305.	4.5	11
13	Unfrazzled by Fizziness: Identification of Beers Using Attenuated Total Reflectance Mid-infrared Spectroscopy and Multivariate Analysis. <i>Food Analytical Methods</i> , 2018, 11, 2360-2367.	2.6	13
14	Carbon nanomaterials and their application to electrochemical sensors: a review. <i>Nanotechnology Reviews</i> , 2018, 7, 19-41.	5.8	230
15	There is gold in them hills: Predicting potential acid mine drainage events through the use of chemometrics. <i>Science of the Total Environment</i> , 2018, 619-620, 1464-1472.	8.0	12
16	Graphene, electrospun membranes and granular activated carbon for eliminating heavy metals, pesticides and bacteria in water and wastewater treatment processes. <i>Analyst</i> , 2018, 143, 5629-5645.	3.5	62
17	Advances in meat spoilage detection: A short focus on rapid methods and technologies. <i>CYTA - Journal of Food</i> , 2018, 16, 1037-1044.	1.9	24
18	A Review on the Source of Lipids and Their Interactions during Beer Fermentation that Affect Beer Quality. <i>Fermentation</i> , 2018, 4, 89.	3.0	23

#	ARTICLE	IF	CITATIONS
19	Countering the "Fake News" of Food: The Role of Chemometrics With Vibrational Spectroscopy Techniques. , 2018, , .		2
20	Comparison of Ultrasound-Assisted Extraction with Static Extraction as Pre-Processing Method Before Gas Chromatography Analysis of Cereal Lipids. Food Analytical Methods, 2018, 11, 3276-3281.	2.6	2
21	Illuminating the flesh of bone identification " An application of near infrared spectroscopy. Vibrational Spectroscopy, 2018, 98, 64-68.	2.2	12
22	A Short Update on the Advantages, Applications and Limitations of Hyperspectral and Chemical Imaging in Food Authentication. Applied Sciences (Switzerland), 2018, 8, 505.	2.5	28
23	The Use of UV-Vis Spectroscopy in Bioprocess and Fermentation Monitoring. Fermentation, 2018, 4, 18.	3.0	30
24	Handling Complexity in Animal and Plant Science Research"From Single to Functional Traits: Are We There Yet?. High-Throughput, 2018, 7, 16.	4.4	1
25	Near, Far, Wherever You Are: Chemistry via Distance in the South Seas. American Journal of Distance Education, 2018, 32, 80-95.	1.5	4
26	Vibrational Spectroscopy Methods for Agro-Food Product Analysis. Comprehensive Analytical Chemistry, 2018, 80, 51-68.	1.3	13
27	In Sickness and in Health. ECS Meeting Abstracts, 2018, , .	0.0	0
28	Origin and Regionality of Wines"the Role of Molecular Spectroscopy. Food Analytical Methods, 2017, 10, 3947-3955.	2.6	23
29	Recent Advances in Biosensing for Neurotransmitters and Disease Biomarkers using Microelectrodes. ChemElectroChem, 2017, 4, 822-833.	3.4	27
30	Review"New Twists in the Plot: Recent Advances in Electrochemical Genosensors for Disease Screening. Journal of the Electrochemical Society, 2017, 164, B665-B673.	2.9	14
31	Analysis of Australian Beers Using Fluorescence Spectroscopy. Beverages, 2017, 3, 57.	2.8	11
32	The Application of State-of-the-Art Analytic Tools (Biosensors and Spectroscopy) in Beverage and Food Fermentation Process Monitoring. Fermentation, 2017, 3, 50.	3.0	10
33	The Use of Electrochemical Biosensors in Food Analysis. Current Research in Nutrition and Food Science, 2017, 5, 183-195.	0.8	61
34	Biomimetics for early stage biofouling prevention: templates from insect cuticles. Journal of Materials Chemistry B, 2016, 4, 5747-5754.	5.8	37
35	First screening study of metal content in soil from a mixed waste receptacle. South Pacific Journal of Natural and Applied Sciences, 2015, 33, 7.	0.2	4
36	Quantifying attitude to chemistry in students at the University of the South Pacific. Chemistry Education Research and Practice, 2014, 15, 184-191.	2.5	15

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37	Minimizing Fouling at Hydrogenated Conical-Tip Carbon Electrodes during Dopamine Detection in Vivo. <i>Analytical Chemistry</i> , 2014, 86, 2443-2450.	6.5	37
38	Evaluation of physically small p-phenylacetate-modified carbon electrodes against fouling during dopamine detection in vivo. <i>Electrochimica Acta</i> , 2013, 101, 225-231.	5.2	14
39	Diffusion-limited chronoamperometry at conical-tip microelectrodes. <i>Electrochimica Acta</i> , 2010, 55, 1272-1277.	5.2	11
40	Attitude to the study of chemistry and its relationship with achievement in an introductory undergraduate course. <i>Journal of the Scholarship of Teaching and Learning</i> , 0, , 33-41.	0.3	11