

# Shaneel Chandra

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4434344/publications.pdf>

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	Parkinson's Disease and the Environment. <i>Frontiers in Neurology</i> , 2019, 10, 218.	2.4	260
2	Carbon nanomaterials and their application to electrochemical sensors: a review. <i>Nanotechnology Reviews</i> , 2018, 7, 19-41.	5.8	230
3	Graphene, electrospun membranes and granular activated carbon for eliminating heavy metals, pesticides and bacteria in water and wastewater treatment processes. <i>Analyst, The</i> , 2018, 143, 5629-5645.	3.5	62
4	The Use of Electrochemical Biosensors in Food Analysis. <i>Current Research in Nutrition and Food Science</i> , 2017, 5, 183-195.	0.8	61
5	Minimizing Fouling at Hydrogenated Conical-Tip Carbon Electrodes during Dopamine Detection in Vivo. <i>Analytical Chemistry</i> , 2014, 86, 2443-2450.	6.5	37
6	Biomimetics for early stage biofouling prevention: templates from insect cuticles. <i>Journal of Materials Chemistry B</i> , 2016, 4, 5747-5754.	5.8	37
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	The Use of UV-Vis Spectroscopy in Bioprocess and Fermentation Monitoring. <i>Fermentation</i> , 2018, 4, 18.	3.0	30
9	A Short Update on the Advantages, Applications and Limitations of Hyperspectral and Chemical Imaging in Food Authentication. <i>Applied Sciences (Switzerland)</i> , 2018, 8, 505.	2.5	28
10	Recent Advances in Biosensing for Neurotransmitters and Disease Biomarkers using Microelectrodes. <i>ChemElectroChem</i> , 2017, 4, 822-833.	3.4	27
11	Determining meat freshness using electrochemistry: Are we ready for the fast and furious?. <i>Meat Science</i> , 2019, 150, 40-46.	5.5	27
12	Antioxidative properties and macrochemical composition of five commercial mungbean varieties in Australia. , 2020, 2, e27.		25
13	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
14	Origin and Regionality of Wines—the Role of Molecular Spectroscopy. <i>Food Analytical Methods</i> , 2017, 10, 3947-3955.	2.6	23
15	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
16	Quantifying attitude to chemistry in students at the University of the South Pacific. <i>Chemistry Education Research and Practice</i> , 2014, 15, 184-191.	2.5	15
17	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
18	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

#	ARTICLE	IF	CITATIONS
19	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
20	Reviewâ€”New Twists in the Plot: Recent Advances in Electrochemical Genosensors for Disease Screening. <i>Journal of the Electrochemical Society</i> , 2017, 164, B665-B673.	2.9	14
21	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
22	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
23	Vibrational Spectroscopy Methods for Agro-Food Product Analysis. <i>Comprehensive Analytical Chemistry</i> , 2018, 80, 51-68.	1.3	13
24	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
25	Illuminating the flesh of bone identification â€” An application of near infrared spectroscopy. <i>Vibrational Spectroscopy</i> , 2018, 98, 64-68.	2.2	12
26	Processes, Challenges and Optimisation of Rum Production from Molassesâ€”A Contemporary Review. <i>Fermentation</i> , 2021, 7, 21.	3.0	12
27	Diffusion-limited chronoamperometry at conical-tip microelectrodes. <i>Electrochimica Acta</i> , 2010, 55, 1272-1277.	5.2	11
28	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
29	Analysis of Australian Beers Using Fluorescence Spectroscopy. <i>Beverages</i> , 2017, 3, 57.	2.8	11
30	Sensitive inorganic arsenic speciation on a voltammetric platform in environmental water samples. <i>Microchemical Journal</i> , 2018, 139, 301-305.	4.5	11
31	The Application of State-of-the-Art Analytic Tools (Biosensors and Spectroscopy) in Beverage and Food Fermentation Process Monitoring. <i>Fermentation</i> , 2017, 3, 50.	3.0	10
32	First screening study of metal content in soil from a mixed waste receptacle. <i>South Pacific Journal of Natural and Applied Sciences</i> , 2015, 33, 7.	0.2	4
33	Near, Far, Wherever You Are: Chemistry via Distance in the South Seas. <i>American Journal of Distance Education</i> , 2018, 32, 80-95.	1.5	4
34	Meat Consumption and Green Gas Emissions: a Chemometrics Analysis. <i>Food Analytical Methods</i> , 2019, 12, 469-474.	2.6	4
35	A new sensor for detecting microrna 133B (Parkinsonâ€™s disease biomarker). <i>Sensors International</i> , 2020, 1, 100005.	8.4	3
36	Countering the â€”Fake Newsâ€” of Food: The Role of Chemometrics With Vibrational Spectroscopy Techniques. , 2018, , .		2

#	ARTICLE	IF	CITATIONS
37	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
38	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
39	Guilty by association: Assessment of environmental loadings on arsenic distribution in two Pacific Island rivers. Science of the Total Environment, 2021, 796, 148969.	8.0	0
40	In Sickness and in Health. ECS Meeting Abstracts, 2018, , .	0.0	0