

# Sheeana Gangadoo

## List of Publications by Year in descending order

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Version: 2024-02-01

31  
papers

1,192  
citations

516215

16  
h-index

454577

30  
g-index

31  
all docs

31  
docs citations

31  
times ranked

1533  
citing authors

#	ARTICLE	IF	CITATIONS
1	Probing Nanoscale Interactions of Antimicrobial Zinc Oxide Quantum Dots on Bacterial and Fungal Cell Surfaces. <i>Advanced Materials Interfaces</i> , 2022, 9, .	1.9	11
2	Fabrication of superhydrophobic polyvinylidene fluoride-co-hexafluoropropylene films enabled by nanoimprint lithography. <i>Materials Letters</i> , 2022, 311, 131555.	1.3	2
3	Interactions between Liquid Metal Droplets and Bacterial, Fungal, and Mammalian Cells. <i>Advanced Materials Interfaces</i> , 2022, 9, .	1.9	19
4	Interactions between Liquid Metal Droplets and Bacterial, Fungal, and Mammalian Cells ( <i>Adv. Mater.</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	1.9	1
5	Strontium-doped hardystonite plasma sprayed coatings with robust antimicrobial activity. <i>Materials Today Chemistry</i> , 2022, 24, 100822.	1.7	6
6	Antibacterial Longevity of a Novel Gallium Liquid Metal/Hydroxyapatite Composite Coating Fabricated by Plasma Spray. <i>ACS Applied Materials &amp; Interfaces</i> , 2022, 14, 18974-18988.	4.0	24
7	New nanomaterials for wastewater depollution: Methods using chemometric approaches. <i>Separation Science and Technology</i> , 2022, , 287-298.	0.0	1
8	Application of Fluconazole-Loaded pH-Sensitive Lipid Nanoparticles for Enhanced Antifungal Therapy. <i>ACS Applied Materials &amp; Interfaces</i> , 2022, 14, 32845-32854.	4.0	4
9	Inorganic nanoparticles as food additives and their influence on the human gut microbiota. <i>Environmental Science: Nano</i> , 2021, 8, 1500-1518.	2.2	15
10	The Multiomics Analyses of Fecal Matrix and Its Significance to Coeliac Disease Gut Profiling. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1965.	1.8	6
11	Analysis of Pathogenic Bacterial and Yeast Biofilms Using the Combination of Synchrotron ATR-FTIR Microspectroscopy and Chemometric Approaches. <i>Molecules</i> , 2021, 26, 3890.	1.7	28
12	Durable Antibacterial and Antifungal Hierarchical Silver-Embedded Poly(vinylidene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 307 Td (fluoride) Materials, 2021, 3, 4256-4263.	2.0	10
13	Biosensors in Food Traceability and Quality. , 2021, , 308-321.		3
14	The use of derivatives and chemometrics to interrogate the UV-Visible spectra of gin samples to monitor changes related to storage. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 227, 117548.	2.0	8
15	Facile Route of Fabricating Long-Term Microbicidal Silver Nanoparticle Clusters against Shiga Toxin-Producing <i>Escherichia coli</i> O157:H7 and <i>Candida auris</i> . <i>Coatings</i> , 2020, 10, 28.	1.2	10
16	Combining Chemometrics and Sensors: Toward New Applications in Monitoring and Environmental Analysis. <i>Chemical Reviews</i> , 2020, 120, 6048-6069.	23.0	68
17	Nano-plastics and their analytical characterisation and fate in the marine environment: From source to sea. <i>Science of the Total Environment</i> , 2020, 732, 138792.	3.9	96
18	Nanoparticles of selenium as high bioavailable and non-toxic supplement alternatives for broiler chickens. <i>Environmental Science and Pollution Research</i> , 2020, 27, 16159-16166.	2.7	55

#	ARTICLE	IF	CITATIONS
19	Sensomics - From conventional to functional NIR spectroscopy - Shining light over the aroma and taste of foods. <i>Trends in Food Science and Technology</i> , 2019, 91, 274-281.	7.8	26
20	InÂvitro growth of gut microbiota with selenium nanoparticles. <i>Animal Nutrition</i> , 2019, 5, 424-431.	2.1	25
21	Spectroscopic approaches for rapid beer and wine analysis. <i>Current Opinion in Food Science</i> , 2019, 28, 67-73.	4.1	23
22	The use of nanomaterials for the mitigation of pathogenic biofilm formation. <i>Methods in Microbiology</i> , 2019, , 61-92.	0.4	31
23	From Academia to Reality Check: A Theoretical Framework on the Use of Chemometric in Food Sciences. <i>Foods</i> , 2019, 8, 164.	1.9	30
24	Antibacterial Properties of Graphene Oxideâ€“Copper Oxide Nanoparticle Nanocomposites. <i>ACS Applied Bio Materials</i> , 2019, 2, 5687-5696.	2.3	57
25	Oregano powder reduces <i>Streptococcus</i> and increases SCFA concentration in a mixed bacterial culture assay. <i>PLoS ONE</i> , 2019, 14, e0216853.	1.1	14
26	A review of methods for the detection of pathogenic microorganisms. <i>Analyst, The</i> , 2019, 144, 396-411.	1.7	342
27	Selenium nanoparticles in poultry feed modify gut microbiota and increase abundance of <i>Faecalibacterium prausnitzii</i> . <i>Applied Microbiology and Biotechnology</i> , 2018, 102, 1455-1466.	1.7	89
28	Ultrastructure of the gastro intestinal tract of healthy Japanese quail ( <i>Coturnix japonica</i> ) using light and scanning electron microscopy. <i>Animal Nutrition</i> , 2018, 4, 378-387.	2.1	12
29	The synthesis and characterisation of highly stable and reproducible selenium nanoparticles. <i>Inorganic and Nano-Metal Chemistry</i> , 2017, 47, 1568-1576.	0.9	64
30	Biomimetics for early stage biofouling prevention: templates from insect cuticles. <i>Journal of Materials Chemistry B</i> , 2016, 4, 5747-5754.	2.9	37
31	Nanoparticles in feed: Progress and prospects in poultry research. <i>Trends in Food Science and Technology</i> , 2016, 58, 115-126.	7.8	75