

Divakar Sharma

List of Publications by Citations

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

59
papers

1,292
citations

18
h-index

35
g-index

71
ext. papers

1,941
ext. citations

4
avg, IF

5.68
L-index

#	Paper	IF	Citations
59	Antibiotics versus biofilm: an emerging battleground in microbial communities. <i>Antimicrobial Resistance and Infection Control</i> , 2019 , 8, 76	6.2	380
58	Necroptosis: a regulated inflammatory mode of cell death. <i>Journal of Neuroinflammation</i> , 2018 , 15, 199	10.1	177
57	Effective Antimicrobial Activity of Green ZnO Nano Particles of. <i>Frontiers in Microbiology</i> , 2018 , 9, 2030	5.7	87
56	Proteomic analysis of Mycobacterium tuberculosis isolates resistant to kanamycin and amikacin. <i>Journal of Proteomics</i> , 2013 , 94, 68-77	3.9	56
55	Comparative Proteomic Analysis of Aminoglycosides Resistant and Susceptible Mycobacterium tuberculosis Clinical Isolates for Exploring Potential Drug Targets. <i>PLoS ONE</i> , 2015 , 10, e0139414	3.7	45
54	Proteomic analysis of ofloxacin-mono resistant Mycobacterium tuberculosis isolates. <i>Journal of Proteomics</i> , 2015 , 127, 114-21	3.9	33
53	Cytosolic Proteome Profiling of Aminoglycosides Resistant Clinical Isolates Using MALDI-TOF/MS. <i>Frontiers in Microbiology</i> , 2016 , 7, 1816	5.7	29
52	Role of Bacterioferritin & Ferritin in Pathogenesis and Drug Resistance: A Future Perspective by Interactomic Approach. <i>Frontiers in Cellular and Infection Microbiology</i> , 2017 , 7, 240	5.9	26
51	Hypothetical Proteins and Proteins of Unknown Function: Hope for Exploring Novel Resistance Mechanisms as well as Future Target of Drug Resistance. <i>Frontiers in Microbiology</i> , 2017 , 8, 465	5.7	25
50	Repurposing and Revival of the Drugs: A New Approach to Combat the Drug Resistant Tuberculosis. <i>Frontiers in Microbiology</i> , 2017 , 8, 2452	5.7	25
49	Proteome analysis of ofloxacin and moxifloxacin induced mycobacterium tuberculosis isolates by proteomic approach. <i>Protein and Peptide Letters</i> , 2015 , 22, 362-71	1.9	24
48	M. tuberculosis ferritin (Rv3841): Potential involvement in Amikacin (AK) & Kanamycin (KM) resistance. <i>Biochemical and Biophysical Research Communications</i> , 2016 , 478, 908-12	3.4	23
47	Role of circadian rhythm in plant system: An update from development to stress response. <i>Environmental and Experimental Botany</i> , 2019 , 162, 256-271	5.9	23
46	Secretory Proteome Analysis of Streptomycin-Resistant Mycobacterium tuberculosis Clinical Isolates. <i>SLAS Discovery</i> , 2017 , 22, 1229-1238	3.4	22
45	Identification of factors involved in Enterococcus faecalis biofilm under quercetin stress. <i>Microbial Pathogenesis</i> , 2019 , 126, 205-211	3.8	22
44	Legume lectins: Potential use as a diagnostics and therapeutics against the cancer. <i>International Journal of Biological Macromolecules</i> , 2020 , 142, 474-483	7.9	22
43	An efficient and rapid method for enrichment of lipophilic proteins from Mycobacterium tuberculosis H37Rv for two-dimensional gel electrophoresis. <i>Electrophoresis</i> , 2016 , 37, 1187-90	3.6	21

42	Protein translation machinery holds a key for transition of planktonic cells to biofilm state in <i>Enterococcus faecalis</i> : A proteomic approach. <i>Biochemical and Biophysical Research Communications</i> , 2016 , 474, 652-659	3.4	21
41	Potential Alternative Strategy against Drug Resistant Tuberculosis: A Proteomics Prospect. <i>Proteomes</i> , 2018 , 6,	4.6	18
40	Proteomic analysis of a carbapenem-resistant <i>Klebsiella pneumoniae</i> strain in response to meropenem stress. <i>Journal of Global Antimicrobial Resistance</i> , 2017 , 8, 172-178	3.4	15
39	Proteome profiling of carbapenem-resistant <i>K. pneumoniae</i> clinical isolate (NDM-4): Exploring the mechanism of resistance and potential drug targets. <i>Journal of Proteomics</i> , 2019 , 200, 102-110	3.9	15
38	Cloning, Expression and Correlation of Rv0148 to Amikacin & Kanamycin Resistance. <i>Current Proteomics</i> , 2015 , 12, 96-100	0.7	14
37	Molecular mechanisms of underlying genetic factors and associated mutations for drug resistance in. <i>Emerging Microbes and Infections</i> , 2020 , 9, 1651-1663	18.9	12
36	Role of cell division protein divIVA in <i>Enterococcus faecalis</i> pathogenesis, biofilm and drug resistance: A future perspective by in silico approaches. <i>Microbial Pathogenesis</i> , 2018 , 125, 361-365	3.8	11
35	Interactome analysis of Rv0148 to predict potential targets and their pathways linked to aminoglycosides drug resistance: An insilico approach. <i>Microbial Pathogenesis</i> , 2018 , 121, 179-183	3.8	11
34	Recent insights into <i>Mycobacterium tuberculosis</i> through proteomics and implications for the clinic. <i>Expert Review of Proteomics</i> , 2019 , 16, 443-456	4.2	10
33	Culture filtrate proteome analysis of aminoglycoside resistant clinical isolates of <i>Mycobacterium tuberculosis</i> . <i>BMC Infectious Diseases</i> , 2014 , 14,	4	10
32	Recent progress in the repurposing of drugs/molecules for the management of COVID-19. <i>Expert Review of Anti-Infective Therapy</i> , 2021 , 19, 889-897	5.5	9
31	Potential strategies for the management of drug-resistant tuberculosis. <i>Journal of Global Antimicrobial Resistance</i> , 2020 , 22, 210-214	3.4	9
30	Down-Regulation of Flagellar, Fimbriae, and Pili Proteins in Carbapenem-Resistant (NDM-4) Clinical Isolates: A Novel Linkage to Drug Resistance. <i>Frontiers in Microbiology</i> , 2019 , 10, 2865	5.7	9
29	A Serine/threonine kinase PknL, is involved in the adaptive response of <i>Mycobacterium tuberculosis</i> . <i>Microbiological Research</i> , 2016 , 190, 1-11	5.3	8
28	Cellular demolition: Proteins as molecular players of programmed cell death. <i>International Journal of Biological Macromolecules</i> , 2019 , 138, 492-503	7.9	8
27	Prevalence and risk factors of tuberculosis in developing countries through health care workers. <i>Microbial Pathogenesis</i> , 2018 , 124, 279-283	3.8	8
26	Functional Characterization of PknI-Rv2159c Interaction in Redox Homeostasis of. <i>Frontiers in Microbiology</i> , 2016 , 7, 1654	5.7	7
25	Characterization of FtsY, its interaction with Ffh, and proteomic identification of their potential substrates in <i>Mycobacterium tuberculosis</i> . <i>Canadian Journal of Microbiology</i> , 2018 , 64, 243-251	3.2	6

24	Proteomics and Bioinformatics: A Modern Way to Elucidate the Resistome in Mycobacterium tuberculosis. <i>Journal of Proteomics and Bioinformatics</i> , 2017 , 10,	2.1	5
23	Diabetes Might Augment the Severity of COVID-19: A Current Prospects. <i>Frontiers in Cardiovascular Medicine</i> , 2020 , 7, 613255	5.4	5
22	Repurposing of the childhood vaccines: could we train the immune system against the SARS-CoV-2. <i>Expert Review of Vaccines</i> , 2021 , 20, 1051-1057	5.2	5
21	Role of M.tuberculosis protein Rv2005c in the aminoglycosides resistance. <i>Microbial Pathogenesis</i> , 2019 , 132, 150-155	3.8	4
20	Proteomics of Culture Filtrate of Prevalent Strains: 2D-PAGE Map and MALDI-TOF/MS Analysis. <i>SLAS Discovery</i> , 2017 , 22, 1142-1149	3.4	4
19	Comparative Protein Profiling of Intraphagosomal Expressed Proteins of Mycobacterium bovis BCG. <i>Protein and Peptide Letters</i> , 2016 , 23, 51-4	1.9	3
18	Comparative proteomic analysis of sequential isolates of Mycobacterium tuberculosis sensitive and resistant Beijing type from a patient with pulmonary tuberculosis. <i>International Journal of Mycobacteriology</i> , 2016 , 5 Suppl 1, S123-S124	0.9	3
17	Efficient Production of the Potent Antimicrobial Metabolite Terrein From the Fungus Aspergillus terreus. <i>Natural Product Communications</i> , 2020 , 15, 1934578X2091286	0.9	3
16	Focused review on dual inhibition of quorum sensing and efflux pumps: A potential way to combat multi drug resistant Staphylococcus aureus infections. <i>International Journal of Biological Macromolecules</i> , 2021 , 190, 33-43	7.9	3
15	Neuronal Plasticity: Neuronal Organization is Associated with Neurological Disorders. <i>Journal of Molecular Neuroscience</i> , 2020 , 70, 1684-1701	3.3	2
14	Nanotechnology: A Novel Strategy Against Plant Pathogens 2019 , 153-170		2
13	Prevention and management of SARS-CoV-2 infection among the health care workers. <i>Coronaviruses</i> , 2021 , 02,	1.5	2
12	Bioremediation of Industrial Pollutants. <i>Microorganisms for Sustainability</i> , 2021 , 1-31	1.1	2
11	Impact and Current Perspectives of Zinc Oxide Nanoparticles on Soil 2019 , 131-144		1
10	Nanoelements: An Agricultural Paradigm for Targeted Plant Nutrition Therapeutic Approach 2019 , 73-83		1
9	Exploring the Mystery of Angiotensin-Converting Enzyme II (ACE2) in the Battle against SARS-CoV-2. <i>JRAAS - Journal of the Renin-Angiotensin-Aldosterone System</i> , 2021 , 2021, 9939929	3	1
8	Thermo stable tyrosinase purified from Pleurotus djamor grown in biomimetic calcium carbonate: A biological strategy to industrial waste remediation. <i>Environmental Technology and Innovation</i> , 2021 , 21, 101294	7	1
7	Fungal-Mediated Bioremediation of Heavy MetalPolluted Environment. <i>Microorganisms for Sustainability</i> , 2021 , 51-76	1.1	1

6	Environmental factors and their role in the transmission of SARS-CoV-2. <i>Biosafety and Health</i> , 2021 , 3, 235-237	4-7	1
5	The Challenges and Successes of Dealing with the COVID-19 Pandemic in India. <i>Research and Reports in Tropical Medicine</i> , 2021 , 12, 205-218	2-9	0
4	Comparative Proteomics of Commensal and Pathogenic Strains of. <i>Protein and Peptide Letters</i> , 2020 , 27, 1171-1177	1-9	
3	The Contribution of Microbial Biotechnology for Achieving Sustainable Development. <i>Environmental and Microbial Biotechnology</i> , 2020 , 1-18	1-4	
2	Incorporation of Radiolabelled Substrates into Mycobacterial Lipids of M. Bovis BCG and M. Kansasii. <i>Journal of Analytical Bioanalytical and Separation Techniques</i> , 2017 , 2, 58-62		
1	Genetic analysis of human papilloma virus 16 E6/E7 variants obtained from cervical cancer cases in Chhattisgarh, a central state of India. <i>VirusDisease</i> , 2021 , 32, 492-503	3-4	