

Raman Kumar

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

333
citations

1163117

8
h-index

888059

17
g-index

27
all docs

27
docs citations

27
times ranked

428
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Bioremediation of Heavy Metals in Liquid Media Through Fungi Isolated from Contaminated Sources. Indian Journal of Microbiology, 2011, 51, 482-487. | 2.7 | 109 |
| 2 | Bioremediation potential of novel fungal species isolated from wastewater for the removal of lead from liquid medium. Environmental Technology and Innovation, 2020, 18, 100757. | 6.1 | 32 |
| 3 | Purification, partial structural characterization and health benefits of exopolysaccharides from potential probiotic <i>Pediococcus acidilactici</i> NCDC 252. Process Biochemistry, 2020, 99, 79-86. | 3.7 | 29 |
| 4 | Immobilization interaction between xenobiotic and <i>Bjerkandera adusta</i> for the biodegradation of atrazine. Chemosphere, 2020, 257, 127060. | 8.2 | 28 |
| 5 | Next generation sequencing, biochemical characterization, metabolic pathway analysis of novel probiotic <i>Pediococcus acidilactici</i> NCDC 252 and its evolutionary relationship with other lactic acid bacteria. Molecular Biology Reports, 2019, 46, 5883-5895. | 2.3 | 20 |
| 6 | Bioremediation of Heavy Metals by Microbes. , 2017, , 233-255. | | 19 |
| 7 | Aggregation, adhesion and efficacy studies of probiotic candidate <i>Pediococcus acidilactici</i> NCDC 252: a strain of dairy origin. World Journal of Microbiology and Biotechnology, 2020, 36, 10. | 3.6 | 13 |
| 8 | In silico molecular docking of SARS-CoV-2 surface proteins with microbial non-ribosomal peptides: identification of potential drugs. Journal of Proteins and Proteomics, 2021, 12, 177-184. | 1.5 | 12 |
| 9 | Mechanistic Insight of Probiotics Derived Anticancer Pharmaceuticals: A Road Forward for Cancer Therapeutics. Nutrition and Cancer, 2017, 69, 375-380. | 2.0 | 11 |
| 10 | CATHARANTHUS ROSEUS: A MEDICINAL PLANT WITH POTENT ANTI-TUMOR PROPERTIES. International Journal of Research in Ayurveda and Pharmacy, 2014, 5, 652-656. | 0.1 | 8 |
| 11 | Mutations in the plastidic ACCase gene endowing resistance to ACCase-inhibiting herbicide in <i>Phalaris</i> minor populations from India. 3 Biotech, 2016, 6, 12. | 2.2 | 8 |
| 12 | Drug Resistance in Tuberculosis: How to Counter The Menace?. Current Pharmaceutical Biotechnology, 2014, 15, 1158-1165. | 1.6 | 8 |
| 13 | Microbial Flora and Biodegradation of Pesticides: Trends, Scope, and Relevance. , 2017, , 243-263. | | 6 |
| 14 | Nanomedicine in Therapeutic Intervention of Tuberculosis Meningitis. Current Nanoscience, 2014, 11, 15-22. | 1.2 | 5 |
| 15 | Removal of Ni ²⁺ , Cu ²⁺ and Zn ²⁺ Using Different Agricultural Residues: Kinetics, Isotherm Modeling and Mechanism via Chemical Blocking. Asian Journal of Chemistry, 2013, 25, 6377-6386. | 0.3 | 4 |
| 16 | Nanocarriers as Promising Drug Vehicles for the Management of Tuberculosis. BioNanoScience, 2013, 3, 102-111. | 3.5 | 3 |
| 17 | Production of Extracellular Alkaline Serine Protease from <i>Pediococcus acidilactici</i> NCDC 252: Isolation, Purification, Physicochemical and Catalytic Characterization. Catalysis Letters, 2021, 151, 324-337. | 2.6 | 3 |
| 18 | POTENTIOMETRIC BIOSENSOR FOR ASPARAGINE DETECTION. International Journal of Research in Ayurveda and Pharmacy, 2015, 6, 282-284. | 0.1 | 2 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Secondary Metabolites Derived from Actinomycetes: Iron Modulation and Their Therapeutic Potential. Natural Products Journal, 2015, 5, 72-81. | 0.3 | 2 |
| 20 | Introduction to Environmental Biotechnology. , 2017, , 1-11. | | 2 |
| 21 | COMPARATIVE CHARACTERIZATION OF L-ASPARAGINASE EXTRACTED FROM PLANT AND MICROBIAL SOURCES. International Journal of Research in Ayurveda and Pharmacy, 2017, 8, 86-89. | 0.1 | 2 |
| 22 | In silico analysis of <i>Pediococcus acidilactici</i> NCDC 252 genome revealed nineteen novel genes. Gene Reports, 2020, 21, 100849. | 0.8 | 2 |
| 23 | Relationship of Azole Resistance with the Structural Alteration of the Target Sites: Novel Synthetic Compounds for Better Antifungal Activities. Natural Products Journal, 2014, 4, 131-139. | 0.3 | 2 |
| 24 | Characterization of starter cultures and nutritional properties of <i>Pediococcus acidilactici</i> NCDC 252: A potential probiotic of dairy origin. Journal of Food Processing and Preservation, 2022, 46, . | 2.0 | 2 |
| 25 | Agriculture Biotechnology. , 2017, , 215-225. | | 1 |
| 26 | Recent Advances in Asthma Genetics and Antiasthma Therapy. Current Respiratory Medicine Reviews, 2014, 9, 261-267. | 0.2 | 0 |