# Dhiraj Kumar Chaudhary

List of Publications by Year
in descending order



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|---|---|---|---|
| 89 papers | 1,925 citations | 377584 21 h-index | 371746 37 g-index |
| 91 all docs | 91 docs citations | 91 times ranked | 2039 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Phytochemicals, nutritional, antioxidant activity, and sensory analyses of Moringa oleifera Lam. collected from mid-hill region of Nepal. Natural Product Research, 2022, 36, 470-473. | 1.0 | 6 |
| 2 | Reduction in mercury bioavailability to Asian clams (Corbicula fluminea) and changes in bacterial communities in sediments with activated carbon amendment. Chemosphere, 2022, 291, 132700. | 4.2 | 3 |
| 3 | Co-composting of food waste and swine manure augmenting biochar and salts: Nutrient dynamics, gaseous emissions and microbial activity. Bioresource Technology, 2022, 344, 126300. | 4.8 | 49 |
| 4 | Kaistella soli sp. nov., isolated from oil-contaminated experimental soil. Archives of Microbiology, 2022, 204, 118. | 1.0 | 7 |
| 5 | Cellulomonas fulva sp. nov., isolated from oil-contaminated soil. International Journal of Systematic and Evolutionary Microbiology, 2022, 72, . | 0.8 | 7 |
| 6 | Genome mining revealed polyhydroxybutyrate biosynthesis by Ramlibacter agri sp. nov., isolated from agriculture soil in Korea. Antonie Van Leeuwenhoek, 2022, 115, 563-572. | 0.7 | 6 |
| 7 | Seed priming with NaCl improves germination in maize under saline soil conditions. Eurasian Journal of Soil Science, 2022, 11, 151-156. | 0.2 | 1 |
| 8 | Insights into Bacterial Community Structure and Metabolic Diversity of Mercury-Contaminated Sediments from Hyeongsan River, Pohang, South Korea. Current Microbiology, 2022, 79, 156. | 1.0 | 2 |
| 9 | Seasonal trends of mercury bioaccumulation and assessment of toxic effects in Asian clams and microbial community from field study of estuarine sediment. Environmental Research, 2022, 212, 113439. | 3.7 | 14 |
| 10 | Nakamurella aerolata sp. Nov., Isolated from an Automobile Air Conditioning System. Current Microbiology, 2021, 78, 371-377. | 1.0 | 7 |
| 11 | Luteolibacter luteus sp. nov., isolated from stream bank soil. Archives of Microbiology, 2021, 203, 377-382. | 1.0 | 12 |
| 12 | Flexivirga aerilata sp. nov., Isolated from an Automobile Air Conditioning System. Current Microbiology, 2021, 78, 796-802. | 1.0 | 6 |
| 13 | Caenimonas soli sp. nov., isolated from soil. Archives of Microbiology, 2021, 203, 1123-1129. | 1.0 | 8 |
| 14 | Chryseobacterium cheonjiense sp. nov., isolated from forest soil. Archives of Microbiology, 2021, 203, 725-731. | 1.0 | 8 |
| 15 | Review on pretreatment techniques to improve anaerobic digestion of sewage sludge. Fuel, 2021, 285, 119105. | 3.4 | 182 |
| 16 | Chryseobacterium antibioticum sp. nov. with antimicrobial activity against Gram-negative bacteria, isolated from Arctic soil. Journal of Antibiotics, 2021, 74, 115-123. | 1.0 | 27 |
| 17 | Genome Sequence of Hymenobacter polaris RP-2-7 <sup>T</sup> , Isolated from Arctic Soil. Microbiology Resource Announcements, 2021, 10, . | 0.3 | 0 |
| 18 | Effect of consortium bioaugmentation and biostimulation on remediation efficiency and bacterial diversity of diesel-contaminated aged soil. World Journal of Microbiology and Biotechnology, 2021, 37, 46. | 1.7 | 10 |

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|---|---|---|---|
| 19 | Novosphingobium olei sp. nov., with the ability to degrade diesel oil, isolated from oil-contaminated soil and proposal to reclassify Novosphingobium stygium as a later heterotypic synonym of Novosphingobium aromaticivorans. International Journal of Systematic and Evolutionary Microbiology, 2021, 71, . | 0.8 | 13 |
| 20 | Chitinophaga fulva sp. nov., isolated from forest soil. International Journal of Systematic and Evolutionary Microbiology, 2021, 71, . | 0.8 | 10 |
| 21 | Genome insight and description of antibiotic producing Massilia antibiotica sp. nov., isolated from oil-contaminated soil. Scientific Reports, 2021, 11, 6695. | 1.6 | 8 |
| 22 | Noviherbaspirillum pedocola sp. nov., isolated from oil-contaminated experimental soil. Archives of Microbiology, 2021, 203, 3071-3076. | 1.0 | 7 |
| 23 | Schlegelella koreensis sp. nov., isolated from evaporator core of automobile air conditioning system. Archives of Microbiology, 2021, 203, 2373-2378. | 1.0 | 7 |
| 24 | Aquabacterium terrae sp. nov., isolated from soil. Archives of Microbiology, 2021, 203, 3183-3189. | 1.0 | 6 |
| 25 | Utilizing Coffee Pulp and Mucilage for Producing Alcohol-Based Beverage. Fermentation, 2021, 7, 53. | 1.4 | 10 |
| 26 | Azohydromonas caseinilytica sp. nov., a Nitrogen-Fixing Bacterium Isolated From Forest Soil by Using Optimized Culture Method. Frontiers in Microbiology, 2021, 12, 647132. | 1.5 | 14 |
| 27 | Cold-shock gene cspC in the genome of Massilia polaris sp. nov. revealed cold-adaptation. Antonie Van Leeuwenhoek, 2021, 114, 1275-1284. | 0.7 | 11 |
| 28 | Effect of biochar amendment on compost quality, gaseous emissions and pathogen reduction during in-vessel composting of chicken manure. Chemosphere, 2021, 283, 131129. | 4.2 | 69 |
| 29 | Insights into the biodegradation of diesel oil and changes in bacterial communities in diesel-contaminated soil as a consequence of various soil amendments. Chemosphere, 2021, 285, 131416. | 4.2 | 18 |
| 30 | Description of antibiotic-producing novel bacteria Paraburkholderia antibiotica sp. nov. and Paraburkholderia polaris sp. nov.. International Journal of Systematic and Evolutionary Microbiology, 2021, 71, . | 0.8 | 8 |
| 31 | Microbial and Parasitic Contamination of Fresh Raw Vegetable Samples and Detection of the BlaTEM and BlaCTX-M Genes from E. coli Isolates. Agriculture (Switzerland), 2020, 10, 341. | 1.4 | 6 |
| 32 | Production, Characterization, and Industrial Application of Pectinase Enzyme Isolated from Fungal Strains. Fermentation, 2020, 6, 59. | 1.4 | 67 |
| 33 | Flavobacterium cellulosilyticum sp. nov., a novel psychrophilic bacterium isolated from Arctic soil. International Journal of Systematic and Evolutionary Microbiology, 2020, 70, 44-50. | 0.8 | 6 |
| 34 | Dyadobacter psychrotolerans sp. nov. and Dyadobacter frigoris sp. nov., two novel psychrotolerant members of the family Cytophagaceae isolated from Arctic soil. International Journal of Systematic and Evolutionary Microbiology, 2020, 70, 569-575. | 0.8 | 15 |
| 35 | Flavobacterium sandaracinum sp. nov., Flavobacterium caseinilyticum sp. nov., and Flavobacterium hiemivividum sp. nov., novel psychrophilic bacteria isolated from Arctic soil. International Journal of Systematic and Evolutionary Microbiology, 2020, 70, 2269-2280. | 0.8 | 14 |
| 36 | Nine novel psychrotolerant species of the genus Pedobacter isolated from Arctic soil with potential antioxidant activities. International Journal of Systematic and Evolutionary Microbiology, 2020, 70, 2537-2553. | 0.8 | 35 |

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| 37 | Hymenobacter polaris sp. nov., a psychrotolerant bacterium isolated from an Arctic station. International Journal of Systematic and Evolutionary Microbiology, 2020, 70, 4890-4896. | 0.8 | 13 |
| 38 | Biodegradation of diesel oil and n-alkanes (C<sub>18</sub>, C<sub>20</sub>, and) Tj ETQq0 0 0 rgBT /Overlock 1 Environmental Engineering Research, 2020, 25, 290-298. | 1.5 | 20 |
| 39 | Zoogloea dura sp. nov., a N2-fixing bacterium isolated from forest soil and emendation of the genus Zoogloea and the species Zoogloea oryzae and Zoogloea ramigera. International Journal of Systematic and Evolutionary Microbiology, 2020, 70, 5312-5318. | 0.8 | 14 |
| 40 | Development of a bacterial consortium comprising oil-degraders and diazotrophic bacteria for elimination of exogenous nitrogen requirement in bioremediation of diesel-contaminated soil. World Journal of Microbiology and Biotechnology, 2019, 35, 99. | 1.7 | 20 |
| 41 | New insights into bioremediation strategies for oil-contaminated soil in cold environments. International Biodeterioration and Biodegradation, 2019, 142, 58-72. | 1.9 | 72 |
| 42 | Development of a novel cultivation technique for uncultured soil bacteria. Scientific Reports, 2019, 9, 6666. | 1.6 | 92 |
| 43 | Flavobacterium petrolei sp. nov., a novel psychrophilic, diesel-degrading bacterium isolated from oil-contaminated Arctic soil. Scientific Reports, 2019, 9, 4134. | 1.6 | 45 |
| 44 | Influence of biochar on physico-chemical and microbial community during swine manure composting process. Journal of Environmental Management, 2019, 232, 592-599. | 3.8 | 102 |
| 45 | Flavobacterium dasani sp. nov., a psychrotolerant bacterium isolated from Arctic soil. Archives of Microbiology, 2019, 201, 81-86. | 1.0 | 7 |
| 46 | Experimental Setup for a Diffusion Bioreactor to Isolate Unculturable Soil Bacteria. Bio-protocol, 2019, 9, e3388. | 0.2 | 3 |
| 47 | Description of Sphingobium psychrophilum sp. nov., a cold-adapted bacterium isolated from Arctic soil. International Journal of Systematic and Evolutionary Microbiology, 2019, 71, . | 0.8 | 5 |
| 48 | Flavobacterium silvisoli sp. nov., isolated from forest soil. International Journal of Systematic and Evolutionary Microbiology, 2019, 69, 2762-2766. | 0.8 | 6 |
| 49 | Acidovorax monticola sp. nov., isolated from soil. Antonie Van Leeuwenhoek, 2018, 111, 1925-1934. | 0.7 | 11 |
| 50 | Oil-degrading properties of a psychrotolerant bacterial strain, Rhodococcus sp. Y2-2, in liquid and soil media. World Journal of Microbiology and Biotechnology, 2018, 34, 33. | 1.7 | 17 |
| 51 | Characterization of Flavobacterium aquimarinum sp. nov., a halotolerant bacterium isolated from seawater. Journal of Microbiology, 2018, 56, 317-323. | 1.3 | 9 |
| 52 | Brevundimonas mongoliensis sp. nov., A Novel Psychrotolerant Bacterium Isolated from Oil-Contaminated Soil. Current Microbiology, 2018, 75, 1530-1536. | 1.0 | 11 |
| 53 | Antibiotic resistance pattern and virulence genes content in avian pathogenic Escherichia coli (APEC) from broiler chickens in Chitwan, Nepal. BMC Veterinary Research, 2018, 14, 113. | 0.7 | 94 |
| 54 | Bacteriological profile of neonatal sepsis and antibiotic susceptibility pattern of isolates admitted at Kanti Childrenâ€™s Hospital, Kathmandu, Nepal. BMC Research Notes, 2018, 11, 301. | 0.6 | 44 |

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|---|---|---|---|
| 55 | Sphingomonas montis sp. nov., Isolated from Forest Soil of Low-Altitude Mountain. Current Microbiology, 2018, 75, 1299-1305. | 1.0 | 6 |
| 56 | Nemorella caseinilytica gen. nov., sp. nov., isolated from forest soil. International Journal of Systematic and Evolutionary Microbiology, 2018, 68, 474-481. | 0.8 | 12 |
| 57 | Flavobacterium naphthae sp. nov., isolated from oil-contaminated soil. International Journal of Systematic and Evolutionary Microbiology, 2018, 68, 305-309. | 0.8 | 29 |
| 58 | Sphingopyxis nepalensis sp. nov., isolated from oil-contaminated soil. International Journal of Systematic and Evolutionary Microbiology, 2018, 68, 364-370. | 0.8 | 9 |
| 59 | Tessaracoccus terricola sp. nov., isolated from oil-contaminated soil. International Journal of Systematic and Evolutionary Microbiology, 2018, 68, 529-535. | 0.8 | 9 |
| 60 | Sphingobacterium terrae sp. nov., isolated from oil-contaminated soil. International Journal of Systematic and Evolutionary Microbiology, 2018, 68, 609-615. | 0.8 | 12 |
| 61 | Chitinophaga humicola sp. nov., isolated from oil-contaminated soil. International Journal of Systematic and Evolutionary Microbiology, 2018, 68, 751-757. | 0.8 | 11 |
| 62 | Rhodococcus olei sp. nov., with the ability to degrade petroleum oil, isolated from oil-contaminated soil. International Journal of Systematic and Evolutionary Microbiology, 2018, 68, 1749-1756. | 0.8 | 13 |
| 63 | Pinisolibacter ravus gen. nov., sp. nov., isolated from pine forest soil and allocation of the genera Ancalomicrobium and Pinisolibacter to the family Ancalomicrobiaceae fam. nov., and emendation of the genus Ancalomicrobium Staley 1968. International Journal of Systematic and Evolutionary Microbiology, 2018, 68, 1955-1962. | 0.8 | 35 |
| 64 | Rhodanobacter hydrolyticus sp. nov., a novel DNA- and tyrosine-hydrolysing gammaproteobacterium isolated from forest soil. International Journal of Systematic and Evolutionary Microbiology, 2018, 68, 2580-2586. | 0.8 | 12 |
| 65 | Microbial Infections and Antimicrobial Resistance in Nepal: Current Trends and Recommendations. Open Microbiology Journal, 2018, 12, 230-242. | 0.2 | 45 |
| 66 | Stakelama algicida sp. nov., novel algicidal species of the family Sphingomonadaceae isolated from seawater. International Journal of Systematic and Evolutionary Microbiology, 2018, 68, 317-323. | 0.8 | 9 |
| 67 | Proposal of Nemorincola gen. nov. to replace the illegitimate prokaryotic genus name Nemorella Chaudhary et al. 2018. International Journal of Systematic and Evolutionary Microbiology, 2018, 68, 1319-1320. | 0.8 | 9 |
| 68 | Acinetobacter halotolerans sp. nov., a novel halotolerant, alkalitolerant, and hydrocarbon degrading bacterium, isolated from soil. Archives of Microbiology, 2017, 199, 701-710. | 1.0 | 28 |
| 69 | Multi-drug resistance and extended spectrum beta lactamase producing Gram negative bacteria from chicken meat in Bharatpur Metropolitan, Nepal. BMC Research Notes, 2017, 10, 574. | 0.6 | 40 |
| 70 | Chryseobacterium nepalense sp. nov., isolated from oil-contaminated soil. International Journal of Systematic and Evolutionary Microbiology, 2017, 67, 646-652. | 0.8 | 31 |
| 71 | Roseomonas nepalensis sp. nov., isolated from oil-contaminated soil. International Journal of Systematic and Evolutionary Microbiology, 2017, 67, 981-987. | 0.8 | 15 |
| 72 | Noviherbaspirillum agri sp. nov., isolated from reclaimed grassland soil, and reclassification of Herbaspirillum massiliense (Lagier et al., 2014) as Noviherbaspirillum massiliense comb. nov.. International Journal of Systematic and Evolutionary Microbiology, 2017, 67, 1508-1515. | 0.8 | 21 |

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| 73 | Sphingopyxis solisilvae sp. nov., isolated from forest soil. International Journal of Systematic and Evolutionary Microbiology, 2017, 67, 1820-1826. | 0.8 | 12 |
| 74 | Flavobacterium olei sp. nov., a novel psychrotolerant bacterium isolated from oil-contaminated soil. International Journal of Systematic and Evolutionary Microbiology, 2017, 67, 2211-2218. | 0.8 | 16 |
| 75 | Flavobacterium flaviflagrans sp. nov., a bacterium of the family Flavobacteriaceae isolated from forest soil. International Journal of Systematic and Evolutionary Microbiology, 2017, 67, 2653-2659. | 0.8 | 12 |
| 76 | Massilia agri sp. nov., isolated from reclaimed grassland soil. International Journal of Systematic and Evolutionary Microbiology, 2017, 67, 2696-2703. | 0.8 | 16 |
| 77 | Sphingomonas olei sp. nov., with the ability to degrade aliphatic hydrocarbons, isolated from oil-contaminated soil. International Journal of Systematic and Evolutionary Microbiology, 2017, 67, 2731-2738. | 0.8 | 18 |
| 78 | Sphingobium naphthae sp. nov., with the ability to degrade aliphatic hydrocarbons, isolated from oil-contaminated soil. International Journal of Systematic and Evolutionary Microbiology, 2017, 67, 2986-2993. | 0.8 | 22 |
| 79 | Dyella agri sp. nov., isolated from reclaimed grassland soil. International Journal of Systematic and Evolutionary Microbiology, 2017, 67, 4246-4252. | 0.8 | 12 |
| 80 | Ramlibacter monticola sp. nov., isolated from forest soil. International Journal of Systematic and Evolutionary Microbiology, 2017, 67, 4468-4474. | 0.8 | 14 |
| 81 | Lysobacter olei sp. nov., isolated from oil-contaminated soil. International Journal of Systematic and Evolutionary Microbiology, 2017, 67, 4660-4666. | 0.8 | 9 |
| 82 | Characterization of Marinomonas algicida sp. nov., a novel algicidal marine bacterium isolated from seawater. International Journal of Systematic and Evolutionary Microbiology, 2017, 67, 4777-4784. | 0.8 | 15 |
| 83 | Pedobacter kyonggii sp. nov., a psychrotolerant bacterium isolated from forest soil. International Journal of Systematic and Evolutionary Microbiology, 2017, 67, 5120-5127. | 0.8 | 11 |
| 84 | Rurimicrobium arvi gen. nov., sp. nov., a member of the family Chitinophagaceae isolated from farmland soil. International Journal of Systematic and Evolutionary Microbiology, 2017, 67, 5235-5243. | 0.8 | 19 |
| 85 | Prevalence of Cyclospora cayetanensis and other enteropathogen among children under the age of 15 years in Biratnagar, Nepal. Asian Pacific Journal of Tropical Disease, 2017, 7, 75-79. | 0.5 | 3 |
| 86 | Ravibacter arvi gen. nov., sp. nov., isolated from farmland soil during development of new culture techniques. International Journal of Systematic and Evolutionary Microbiology, 2017, 67, 5252-5260. | 0.8 | 8 |
| 87 | Novosphingobium naphthae sp. nov., from oil-contaminated soil. International Journal of Systematic and Evolutionary Microbiology, 2016, 66, 3170-3176. | 0.8 | 50 |
| 88 | Arvibacter flaviflagrans gen. nov., sp. nov., isolated from forest soil. International Journal of Systematic and Evolutionary Microbiology, 2016, 66, 4347-4354. | 0.8 | 44 |
| 89 | Sphingomonas naphthae sp. nov., isolated from oil-contaminated soil. International Journal of Systematic and Evolutionary Microbiology, 2016, 66, 4621-4627. | 0.8 | 32 |