# Navdeep K Dhami

List of Publications by Year
in descending order



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|---|---|---|---|
| 10 papers | 668 citations | 1039406 9 h-index | 1372195 10 g-index |
| 10 all docs | 10 docs citations | 10 times ranked | 774 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Biomineralization of calcium carbonates and their engineered applications: a review. Frontiers in Microbiology, 2013, 4, 314. | 1.5 | 446 |
| 2 | Bacterial Community Dynamics and Biocement Formation during Stimulation and Augmentation: Implications for Soil Consolidation. Frontiers in Microbiology, 2017, 8, 1267. | 1.5 | 56 |
| 3 | Microbial Diversity and Mineralogical-Mechanical Properties of Calcitic Cave Speleothems in Natural and in Vitro Biomineralization Conditions. Frontiers in Microbiology, 2018, 9, 40. | 1.5 | 52 |
| 4 | Insights into the influence of cell concentration in design and development of microbially induced calcium carbonate precipitation (MICP) process. PLoS ONE, 2021, 16, e0254536. | 1.1 | 23 |
| 5 | Biocementation mediated by native microbes from Brahmaputra riverbank for mitigation of soil erodibility. Scientific Reports, 2021, 11, 15250. | 1.6 | 23 |
| 6 | Bio-composites treatment for mitigation of current-induced riverbank soil erosion. Science of the Total Environment, 2021, 800, 149513. | 3.9 | 18 |
| 7 | Understanding and creating biocementing beachrocks via biostimulation of indigenous microbial communities. Applied Microbiology and Biotechnology, 2020, 104, 3655-3673. | 1.7 | 16 |
| 8 | Influence of native ureolytic microbial community on biocementation potential of Sporosarcina pasteurii. Scientific Reports, 2021, 11, 20856. | 1.6 | 16 |
| 9 | Investigation on the Impact of Cementation Media Concentration on Properties of Biocement under Stimulation and Augmentation Approaches. Journal of Hazardous, Toxic, and Radioactive Waste, 2022, 26, . | 1.2 | 12 |
| 10 | Nanoscale to Macroscale Characterization of inâ€"Situ Bacterial Biopolymers for Applications in Soil Stabilization. Frontiers in Materials, 2022, 8, . | 1.2 | 6 |