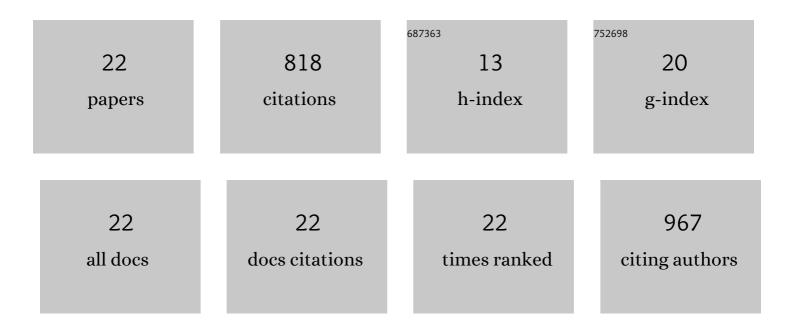
## Vishal Kumar

List of Publications by Year in descending order

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VISHAL KUMAD

| #  | Article  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | Thermostable microbial xylanases for pulp and paper industries: trends, applications and further perspectives. World Journal of Microbiology and Biotechnology, 2016, 32, 34.  | 3.6  | 112       |
| 2  | Engineering Thermostable Microbial Xylanases Toward its Industrial Applications. Molecular<br>Biotechnology, 2018, 60, 226-235.  | 2.4  | 109       |
| 3  | Recent Developments in Systems Biology and Metabolic Engineering of Plant–Microbe Interactions.<br>Frontiers in Plant Science, 2016, 7, 1421.  | 3.6  | 73        |
| 4  | Xylanase production from Thermomyces lanuginosus VAPS-24 using low cost agro-industrial residues<br>via hybrid optimization tools and its potential use for saccharification. Bioresource Technology, 2017,<br>243, 1009-1019. | 9.6  | 73        |
| 5  | Gene editing and genetic engineering approaches for advanced probiotics: A review. Critical Reviews in<br>Food Science and Nutrition, 2018, 58, 1735-1746.   | 10.3 | 73        |
| 6  | Improved biobleaching of mixed hardwood pulp and process optimization using novel GA-ANN and GA-ANFIS hybrid statistical tools. Bioresource Technology, 2019, 271, 274-282.  | 9.6  | 70        |
| 7  | Isolation, characterization, and evaluation of bacterial root and nodule endophytes from chickpea cultivated in Northern India. Journal of Basic Microbiology, 2015, 55, 74-81.  | 3.3  | 69        |
| 8  | Extracellular xylanase production from T. lanuginosus VAPS24 at pilot scale and thermostability enhancement by immobilization. Process Biochemistry, 2018, 71, 53-60.  | 3.7  | 39        |
| 9  | Bioengineering of Nitrilases Towards Its Use as Green Catalyst: Applications and Perspectives. Indian<br>Journal of Microbiology, 2017, 57, 131-138.   | 2.7  | 31        |
| 10 | Recent technological advances in mechanism, toxicity, and food perspectives of enzyme-mediated aflatoxin degradation. Critical Reviews in Food Science and Nutrition, 2022, 62, 5395-5412.                                     | 10.3 | 29        |
| 11 | Developing a sustainable bioprocess for the cleaner production of xylooligosaccharides: An approach towards lignocellulosic waste management. Journal of Cleaner Production, 2021, 316, 128332.                                | 9.3  | 28        |
| 12 | Recombinant Approaches for Microbial Xylanases: Recent Advances and Perspectives. Current Protein and Peptide Science, 2017, 19, 87-99.  | 1.4  | 23        |
| 13 | Biosynthesis Pathways, Transport Mechanisms and Biotechnological Applications of Fungal<br>Siderophores. Journal of Fungi (Basel, Switzerland), 2022, 8, 21.   | 3.5  | 18        |
| 14 | Microbial Enzyme Engineering: Applications and Perspectives. , 2017, , 259-273.  |      | 12        |
| 15 | Bioengineering for Microbial Inulinases: Trends and Applications. Current Protein and Peptide Science, 2017, 18, 966-972.  | 1.4  | 11        |
| 16 | Lignocellulosic pretreatment-mediated phenolic by-products generation and their effect on the inhibition of anAendo-1,4-β-xylanase from Thermomyces lanuginosus VAPS-24. 3 Biotech, 2020, 10, 349.                             | 2.2  | 10        |
| 17 | Study on the Identification Methods for Effective Microorganisms in Commercially Available Organic<br>Agriculture Materials. Microorganisms, 2020, 8, 1568.  | 3.6  | 8         |
| 18 | Cellular antioxidant potential and inhibition of foodborne pathogens by a sesquiterpene ilimaquinone<br>in cold storaged ground chicken and under temperature-abuse condition. Food Chemistry, 2022, 373,<br>131392.           | 8.2  | 8         |

VISHAL KUMAR

| #  | Article   | IF  | CITATIONS |
|----|---|-----|-----------|
| 19 | Aflatoxin Reduction and Retardation of Aflatoxin Production by Microorganisms in Doenjang during<br>a One-Year Fermentation. Journal of Fungi (Basel, Switzerland), 2022, 8, 190. | 3.5 | 8         |
| 20 | Functional Aspects of Xylanases Toward Industrial Applications. , 2016, , 157-165.  |     | 6         |
| 21 | Tryptic Mapping Based Structural Insights of Endo-1, 4-β-Xylanase from Thermomyces lanuginosus<br>VAPS-24. Indian Journal of Microbiology, 2020, 60, 392-395.                     | 2.7 | 5         |
| 22 | Thermostability and Substrate Specificity of GH-11 Xylanase from Thermomyces lanuginosus VAPS24.<br>Indian Journal of Microbiology, 2018, 58, 515-519.                            | 2.7 | 3         |