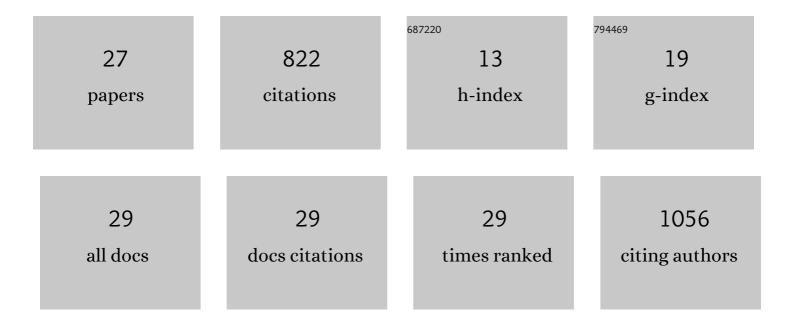
Manish Kumar

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/8364956/publications.pdf

Version: 2024-02-01



MANISH KIIMAD

#	Article	IF	CITATIONS
1	Multifaceted production strategies and applications of glucosamine: a comprehensive review. Critical Reviews in Biotechnology, 2023, 43, 100-120.	5.1	1
2	Myco-chitinases as versatile biocatalysts for translation of coastal residual resources to eco-competent chito-bioactives. Fungal Biology Reviews, 2022, 41, 52-69.	1.9	2
3	RNA Interference and CRISPR/Cas Gene Editing for Crop Improvement: Paradigm Shift towards Sustainable Agriculture. Plants, 2021, 10, 1914.	1.6	17
4	Chemoenzymatic production of chitooligosaccharides employing ionic liquids and Thermomyces lanuginosus chitinase. Bioresource Technology, 2021, 337, 125399.	4.8	19
5	Insights into the genetic and metabolic engineering approaches to enhance the competence of microalgae as biofuel resource: A review. Bioresource Technology, 2021, 339, 125597.	4.8	53
6	Enzymatic degradation of lignocellulosic waste: bioremediation and industrial implementation. , 2021, , 163-191.		2
7	Extraction and Physicochemical Properties Assessment of Chitin and Chitosan from Fish Scales. Macromolecular Symposia, 2021, 399, 2100006.	0.4	4
8	Chemoenzymatic Production and Engineering of Chitooligosaccharides and N-acetyl Glucosamine for Refining Biological Activities. Frontiers in Chemistry, 2020, 8, 469.	1.8	14
9	Enhanced antibacterial potential of berberine via synergism with chitosan nanoparticles. Materials Today: Proceedings, 2020, 31, 640-645.	0.9	13
10	Phycoremediation coupled biomethane production employing sewage wastewater: Energy balance and feasibility analysis. Bioresource Technology, 2020, 308, 123292.	4.8	17
11	Enhanced glucosamine production through synergistic action of Aspergillus terreus chitozymes. Journal of Cleaner Production, 2020, 262, 121363.	4.6	10
12	Assessment of antibacterial and anticancer capability of silver nanoparticles extracellularly biosynthesized using Aspergillus terreus. Nano Express, 2020, 1, 030011.	1.2	8
13	Nanoparticles and Their Role in Bioenergy Production. Nanotechnology in the Life Sciences, 2020, , 227-254.	0.4	0
14	Lignocellulolytic and Chitinolytic Glycoside Hydrolases: Structure, Catalytic Mechanism, Directed Evolution and Industrial Implementation. , 2020, , 97-127.		0
15	Biotransformation of Chitinous Waste into Value-Added Products. , 2020, , 113-139.		1
16	Insect Chitin and Chitosan: Structure, Properties, Production, and Implementation Prospective. , 2020, , 51-66.		6
17	Comparative Appraisal of Biomass Production, Remediation, and Bioenergy Generation Potential of Microalgae in Dairy Wastewater. Frontiers in Microbiology, 2019, 10, 678.	1.5	35
19	Possibilities and perspectives of chitosan scaffolds and composites for tissue engineering. , 2019, ,		

¹⁸ 167-203.

Manish Kumar

#	Article	IF	CITATIONS
19	Seafood waste: a source for preparation of commercially employable chitin/chitosan materials. Bioresources and Bioprocessing, 2019, 6, .	2.0	300
20	Phycoremediation of textile effluent-contaminated water bodies employing microalgae: nutrient sequestration and biomass production studies. International Journal of Environmental Science and Technology, 2019, 16, 7757-7768.	1.8	36
21	Structure, Regulation, and Potential Applications of Insect Chitin-Metabolizing Enzymes. , 2018, , 295-316.		5
22	Bioconversion of Chitin to Bioactive Chitooligosaccharides: Amelioration and Coastal Pollution Reduction by Microbial Resources. Marine Biotechnology, 2018, 20, 269-281.	1.1	31
23	Chitinases—Potential Candidates for Enhanced Plant Resistance towards Fungal Pathogens. Agriculture (Switzerland), 2018, 8, 88.	1.4	117
24	Process optimization, purification and characterization of a novel acidic, thermostable chitinase from Humicola grisea. International Journal of Biological Macromolecules, 2018, 116, 931-938.	3.6	31
25	Photoautotrophic microorganisms and bioremediation of industrial effluents: current status and future prospects. 3 Biotech, 2017, 7, 18.	1.1	38
26	Production of chitinase from thermophilic Humicola grisea and its application in production of bioactive chitooligosaccharides. International Journal of Biological Macromolecules, 2017, 104, 1641-1647.	3.6	47
27	Enhanced Biodegradation of Mobil Oil Hydrocarbons by Biosurfactant Producing Bacterial Consortium in Wheat and Mustard Rhizosphere. Journal of Petroleum & Environmental Biotechnology, 2013, 04, .	0.3	9