Santosh Kumar

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/9294507/publications.pdf

Version: 2024-02-01

11	183	933447 10	1281871 11
papers	citations	h-index	g-index

12	12	12	175
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	An extracytoplasmic function sigma factor cotranscribed with its cognate anti-sigma factor confers tolerance to NaCl, ethanol and methylene blue in Azospirillum brasilense Sp7. Microbiology (United) Tj ETQq1 1 0.784314 rgBT /Overlo		
2	RpoH2 sigma factor controls the photooxidative stress response in a non-photosynthetic rhizobacterium, Azospirillum brasilense Sp7. Microbiology (United Kingdom), 2012, 158, 2891-2902.	1.8	28
3	Glabridin Averts Biofilms Formation in Methicillin-Resistant Staphylococcus aureus by Modulation of the Surfaceome. Frontiers in Microbiology, 2020, 11, 1779.	3.5	19
4	A constitutively expressed pair of rpoE2â€“chrR2 in Azospirillum brasilense Sp7 is required for survival under antibiotic and oxidative stress. Microbiology (United Kingdom), 2013, 159, 205-218.	1.8	18
5	Environmental and Genetic Determinants of Biofilm Formation in Paracoccus denitrificans. MSphere, 2017, 2, .	2.9	16
6	Two ABC Transporters and a Periplasmic Metallochaperone Participate in Zinc Acquisition in Paracoccus denitrificans. Biochemistry, 2019, 58, 126-136.	2.5	16
7	Carotenoid Biosynthetic Pathways Are Regulated by a Network of Multiple Cascades of Alternative Sigma Factors in Azospirillum brasilense Sp7. Journal of Bacteriology, 2016, 198, 2955-2964.	2.2	15
8	Bacteriophytochrome controls carotenoid-independent response to photodynamic stress in a non-photosynthetic rhizobacterium, Azospirillum brasilense Sp7. Scientific Reports, 2012, 2, 872.	3.3	14
9	Cross-Talk Between Cognate and Noncognate RpoE Sigma Factors and Zn²⁺-Binding Anti-Sigma Factors Regulates Photooxidative Stress Response inAzospirillum brasilense. Antioxidants and Redox Signaling, 2014, 20, 42-59.	5.4	14
10	Catalase Expression in Azospirillum brasilense Sp7 Is Regulated by a Network Consisting of OxyR and Two RpoH Paralogs and Including an RpoE1â†'RpoH5 Regulatory Cascade. Applied and Environmental Microbiology, 2018, 84, .	3.1	13
11	Repurposing anaerobic digestate for economical biomanufacturing and water recovery. Applied Microbiology and Biotechnology, 2022, , .	3.6	2