

Piotr Koper

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

360
citations

933447

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h-index

839539

18
g-index

27
all docs

27
docs citations

27
times ranked

443
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis of Rhizobial Exopolysaccharides and Their Importance for Symbiosis with Legume Plants. <i>Genes</i> , 2017, 8, 360.	2.4	70
2	Full scale measurements of the operation of fire ventilation in a road tunnel. <i>Tunnelling and Underground Space Technology</i> , 2017, 70, 204-213.	6.2	50
3	Numerical modeling of air velocity distribution in a road tunnel with a longitudinal ventilation system. <i>Tunnelling and Underground Space Technology</i> , 2019, 91, 103003.	6.2	27
4	Phenotype profiling of <i>Rhizobium leguminosarum</i> bv. <i>trifolii</i> clover nodule isolates reveal their both versatile and specialized metabolic capabilities. <i>Archives of Microbiology</i> , 2013, 195, 255-267.	2.2	25
5	The influence of natural draught on the air flow in a tunnel with longitudinal ventilation. <i>Tunnelling and Underground Space Technology</i> , 2019, 85, 140-148.	6.2	25
6	Comparative transcriptomic analysis of <i>Cerrena unicolor</i> revealed differential expression of genes engaged in degradation of various kinds of wood. <i>Microbiological Research</i> , 2018, 207, 256-268.	5.3	18
7	Hygrothermal Risk in Museum Buildings Located in Moderate Climate. <i>Energies</i> , 2020, 13, 344.	3.1	18
8	Functional relationships between plasmids and their significance for metabolism and symbiotic performance of <i>Rhizobium leguminosarum</i> bv. <i>trifolii</i> . <i>Journal of Applied Genetics</i> , 2014, 55, 515-527.	1.9	12
9	Rhizobial plasmids – replication, structure and biological role. <i>Open Life Sciences</i> , 2012, 7, 571-586.	1.4	11
10	RepB proteins of the multipartite <i>Rhizobium leguminosarum</i> bv. <i>trifolii</i> genome discriminate between centromere-like <i>parS</i> sequences for plasmid segregational stability. <i>Molecular Microbiology</i> , 2016, 102, 446-466.	2.5	11
11	COMPARISON OF AIR DISTRIBUTION SYSTEMS IN ICE RINK ARENA VENTILATION. <i>Science: Future of Lithuania</i> , 2013, 5, 429-434.	0.1	10
12	RNA Sequencing Reveals Differential Gene Expression of <i>Cerrena unicolor</i> in Response to Variable Lighting Conditions. <i>International Journal of Molecular Sciences</i> , 2019, 20, 290.	4.1	10
13	Plasmid-Encoded RepA Proteins Specifically Autorepress Individual <i>repABC</i> Operons in the Multipartite <i>Rhizobium leguminosarum</i> bv. <i>trifolii</i> Genome. <i>PLoS ONE</i> , 2015, 10, e0131907.	2.5	10
14	Transcriptome-based analysis of the saprophytic fungus <i>Abortiporus biennis</i> response to oxalic acid. <i>Microbiological Research</i> , 2017, 199, 79-88.	5.3	9
15	The Use of UVC Irradiation to Sterilize Filtering Facepiece Masks Limiting Airborne Cross-Infection. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 7396.	2.6	9
16	Applying the Exodus method to calculate the set of impulse response functions of a wall. <i>Energy and Buildings</i> , 2014, 69, 301-306.	6.7	7
17	Mgl2 Is a Hypothetical Methyltransferase Involved in Exopolysaccharide Production, Biofilm Formation, and Motility in <i>Rhizobium leguminosarum</i> bv. <i>trifolii</i> . <i>Molecular Plant-Microbe Interactions</i> , 2019, 32, 899-911.	2.6	6
18	Combined Effect of Light and Nutrients on the Micromorphology of the White rot Fungus <i>Cerrena unicolor</i> . <i>International Journal of Molecular Sciences</i> , 2020, 21, 1678.	4.1	6

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19	The human LL-37 peptide exerts antimicrobial activity against <i>Legionella micdadei</i> interacting with membrane phospholipids. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2022, 1867, 159138.	2.4	6
20	The effect of biotic and physical factors on the competitive ability of <i>Rhizobium leguminosarum</i> . <i>Open Life Sciences</i> , 2012, 7, 13-24.	1.4	5
21	Unusual Lipid Components of <i>Legionella gormanii</i> Membranes. <i>Metabolites</i> , 2022, 12, 418.	2.9	5
22	PssJ Is a Terminal Galactosyltransferase Involved in the Assembly of the Exopolysaccharide Subunit in <i>Rhizobium leguminosarum</i> bv. <i>Trifolii</i> . <i>International Journal of Molecular Sciences</i> , 2020, 21, 7764.	4.1	4
23	Genome and Pangenome Analysis of <i>Lactobacillus hilgardii</i> FLUBA New Strain Isolated from Mead. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3780.	4.1	2
24	Performance Assessment of Air Conditioning Installation In Multifunctional Sports Hall Using Cfd Simulations. <i>Architecture Civil Engineering Environment</i> , 2016, 9, 123-134.	0.6	2
25	RESEARCH OF SINGLE ROOM DECENTRALIZED HEAT RECOVERY UNIT. <i>Architecture Civil Engineering Environment</i> , 2020, 12, 109-114.	0.6	2
26	ADDITIONAL INSULATION MATERIALS IN A WINDOW FRAME: EXPERIMENTAL AND CFD ANALYSES. <i>Architecture Civil Engineering Environment</i> , 2019, 12, 149-157.	0.6	0
27	Genome Sequences of <i>Apilactobacillus kunkeei</i> Strains, Mannitol-Producing Bacteria Isolated from Nectariferous Plants. <i>Microbiology Resource Announcements</i> , 2022, , e0089221.	0.6	0