

Kristel Mijndonckx

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3736724/publications.pdf>

Version: 2024-02-01

16
papers

677
citations

1040056

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h-index

1058476

14
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16
all docs

16
docs citations

16
times ranked

1148
citing authors

#	ARTICLE	IF	CITATIONS
1	Antimicrobial silver: uses, toxicity and potential for resistance. <i>BioMetals</i> , 2013, 26, 609-621.	4.1	429
2	Variation in genomic islands contribute to genome plasticity in <i>Cupriavidus metallidurans</i> . <i>BMC Genomics</i> , 2012, 13, 111.	2.8	40
3	Insertion sequence elements in <i>Cupriavidus metallidurans</i> CH34: Distribution and role in adaptation. <i>Plasmid</i> , 2011, 65, 193-203.	1.4	36
4	Soil microbial community structure and functionality changes in response to long-term metal and radionuclide pollution. <i>Environmental Microbiology</i> , 2021, 23, 1670-1683.	3.8	36
5	Genome Sequences of <i>Cupriavidus metallidurans</i> Strains NA1, NA4, and NE12, Isolated from Space Equipment. <i>Genome Announcements</i> , 2014, 2, .	0.8	23
6	<i>Cupriavidus metallidurans</i> Strains with Different Mobilomes and from Distinct Environments Have Comparable Phenomes. <i>Genes</i> , 2018, 9, 507.	2.4	21
7	Genome Sequence of <i>Cupriavidus metallidurans</i> Strain H1130, Isolated from an Invasive Human Infection. <i>Genome Announcements</i> , 2013, 1, .	0.8	20
8	An active microbial community in Boom Clay pore water collected from piezometers impedes validating predictive modelling of ongoing geochemical processes. <i>Applied Geochemistry</i> , 2019, 106, 149-160.	3.0	17
9	Spontaneous mutation in the AgrRS two-component regulatory system of <i>Cupriavidus metallidurans</i> results in enhanced silver resistance. <i>Metallomics</i> , 2019, 11, 1912-1924.	2.4	15
10	DNA-Binding and Transcription Activation by Unphosphorylated Response Regulator AgrR From <i>Cupriavidus metallidurans</i> Involved in Silver Resistance. <i>Frontiers in Microbiology</i> , 2020, 11, 1635.	3.5	11
11	<i>Cupriavidus metallidurans</i> NA4 actively forms polyhydroxybutyrate-associated uranium-phosphate precipitates. <i>Journal of Hazardous Materials</i> , 2022, 421, 126737.	12.4	11
12	Molecular Mechanisms Underlying Bacterial Uranium Resistance. <i>Frontiers in Microbiology</i> , 2022, 13, 822197.	3.5	7
13	Ex and In Situ Reactivity and Sorption of Selenium in Opalinus Clay in the Presence of a Selenium Reducing Microbial Community. <i>Minerals (Basel, Switzerland)</i> , 2021, 11, 757.	2.0	6
14	Water-soluble bitumen degradation products can fuel nitrate reduction from non-radioactive bituminized waste. <i>Applied Geochemistry</i> , 2020, 114, 104525.	3.0	4
15	Molecular techniques for understanding microbial abundance and activity in clay barriers used for geodisposal. , 2021, , 71-96.		1
16	Organic materials and their microbial fate in radioactive waste. , 2021, , 213-244.		0