

# 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

9  
h-index

1058476

14  
g-index

16  
all docs

16  
docs citations

16  
times ranked

1148  
citing authors

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | Cupriavidus metallidurans NA4 actively forms polyhydroxybutyrate-associated uranium-phosphate precipitates. <i>Journal of Hazardous Materials</i> , 2022, 421, 126737.                                       | 12.4 | 11        |
| 2  | Molecular Mechanisms Underlying Bacterial Uranium Resistance. <i>Frontiers in Microbiology</i> , 2022, 13, 822197.   | 3.5  | 7         |
| 3  | Molecular techniques for understanding microbial abundance and activity in clay barriers used for geodisposal. , 2021, , 71-96.  |      | 1         |
| 4  | Organic materials and their microbial fate in radioactive waste. , 2021, , 213-244.  |      | 0         |
| 5  | 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        |
| 6  | 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         |
| 7  | 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        |
| 8  | Water-soluble bitumen degradation products can fuel nitrate reduction from non-radioactive bituminized waste. <i>Applied Geochemistry</i> , 2020, 114, 104525.   | 3.0  | 4         |
| 9  | 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        |
| 10 | 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        |
| 11 | <i>Cupriavidus metallidurans</i> Strains with Different Mobilomes and from Distinct Environments Have Comparable Phenomes. <i>Genes</i> , 2018, 9, 507.  | 2.4  | 21        |
| 12 | 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        |
| 13 | Antimicrobial silver: uses, toxicity and potential for resistance. <i>BioMetals</i> , 2013, 26, 609-621.   | 4.1  | 429       |
| 14 | Genome Sequence of <i>Cupriavidus metallidurans</i> Strain H1130, Isolated from an Invasive Human Infection. <i>Genome Announcements</i> , 2013, 1, .  | 0.8  | 20        |
| 15 | Variation in genomic islands contribute to genome plasticity in <i>Cupriavidus metallidurans</i> . <i>BMC Genomics</i> , 2012, 13, 111.  | 2.8  | 40        |
| 16 | Insertion sequence elements in <i>Cupriavidus metallidurans</i> CH34: Distribution and role in adaptation. <i>Plasmid</i> , 2011, 65, 193-203.   | 1.4  | 36        |