

Christina Lilja

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4473051/publications.pdf>

Version: 2024-02-01

14
papers

249
citations

1163117

8
h-index

1058476

14
g-index

14
all docs

14
docs citations

14
times ranked

225
citing authors

#	ARTICLE	IF	CITATIONS
1	Progress in the understanding of the long-term corrosion behaviour of copper canisters. Journal of Nuclear Materials, 2013, 438, 228-237.	2.7	57
2	Corrosion of copper in pure O ₂ -free water?. Corrosion Science, 2018, 137, 1-12.	6.6	42
3	A mechanism of interaction of copper with a deoxygenated neutral aqueous solution. Corrosion Science, 2010, 52, 2917-2927.	6.6	31
4	On the formation of hydrogen gas on copper in anoxic water. Journal of Chemical Physics, 2011, 135, 084709.	3.0	24
5	Sulphide-transport control of the corrosion of copper canisters. Corrosion Engineering Science and Technology, 2017, 52, 210-216.	1.4	20
6	Impurity effects on the grain boundary cohesion in copper. Physical Review Materials, 2017, 1, .	2.4	13
7	Modeling microbial sulfate reduction and the consequences for corrosion of copper canisters. Materials and Corrosion - Werkstoffe Und Korrosion, 2021, 72, 339-347.	1.5	12
8	Electrochemical methods to study hydrogen production during interaction of copper with deoxygenated aqueous solution. Electrochimica Acta, 2016, 202, 333-344.	5.2	11
9	Influence of chloride on the long-term interaction of copper with deoxygenated neutral aqueous solutions. Corrosion Science, 2013, 76, 192-205.	6.6	10
10	Speciation of copper in high chloride concentrations, in the context of corrosion of copper canisters. Materials and Corrosion - Werkstoffe Und Korrosion, 2021, 72, 293-299.	1.5	8
11	Hydrogen generation during interaction of oxide covered copper with deoxygenated aqueous solution. Electrochimica Acta, 2018, 274, 143-151.	5.2	7
12	Probabilistic model for pitting of copper canisters. Materials and Corrosion - Werkstoffe Und Korrosion, 2021, 72, 308-316.	1.5	6
13	Long-Term Interaction of Copper with a Deoxygenated Neutral Aqueous Solution. Journal of the Electrochemical Society, 2013, 160, C49-C58.	2.9	4
14	Influence of ionic strength on hydrogen generation during interaction of copper with deoxygenated neutral solution. Corrosion Science, 2021, 188, 109552.	6.6	4