

# Christina Lilja

## List of Publications by Year in descending order

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