

# Masamitsu Watanabe

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8119068/publications.pdf>

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18  
papers

258  
citations

1163117

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996975

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docs citations

18  
times ranked

224  
citing authors

#	ARTICLE	IF	CITATIONS
1	Characterization of Corrosion Products Formed on Copper in Urban, Rural/Coastal, and Hot Spring Areas. <i>Journal of the Electrochemical Society</i> , 2001, 148, B522.	2.9	51
2	Corrosion of copper and silver plates by volcanic gases. <i>Corrosion Science</i> , 2006, 48, 3759-3766.	6.6	44
3	Differences between corrosion products formed on copper exposed in Tokyo in summer and winter. <i>Corrosion Science</i> , 2003, 45, 1439-1453.	6.6	33
4	Analysis of Tarnish Films on Copper Exposed in Hot Spring Area. <i>Journal of the Electrochemical Society</i> , 2002, 149, B97.	2.9	27
5	Evolution of patinas on copper exposed in a suburban area. <i>Corrosion Science</i> , 2007, 49, 766-780.	6.6	27
6	Comparative XPS Study of Silver and Copper Surfaces Exposed to Flowing Air Containing Low Concentration of Sulfur Dioxide. <i>Zairyo To Kankyo/ Corrosion Engineering</i> , 2007, 56, 10-15.	0.2	26
7	Surface Observation and Depth Profiling Analysis Studies of Corrosion Products on Copper Exposed Outdoors. <i>Journal of the Electrochemical Society</i> , 2003, 150, B37.	2.9	20
8	Investigation of interface states in (Sr,Ca)TiO <sub>3</sub> -based ceramics. <i>Journal of Applied Physics</i> , 1991, 70, 1539-1547.	2.5	11
9	Copper Corrosion in Telephone Switching Centers and Their Outdoors. <i>Zairyo To Kankyo/ Corrosion Engineering</i> , 2002, 51, 17-22.	0.2	7
10	Failure analysis of printed circuit boards in the main telephone system of marine product factory. <i>Engineering Failure Analysis</i> , 2016, 62, 300-305.	4.0	4
11	Microstructural Analysis of Artificially Formed Patinas on Copper. <i>Electrochemical and Solid-State Letters</i> , 2002, 5, B28.	2.2	3
12	Characterization of Patinas that Formed on Copper Exposed in Different Environments for One Month. <i>Zairyo To Kankyo/ Corrosion Engineering</i> , 2009, 58, 143-157.	0.2	2
13	Corrosion Products Formed on Silver and Copper Plates Exposed in a Volcanic Area. <i>ECS Transactions</i> , 2008, 3, 27-36.	0.5	1
14	Atmospheric Corrosion of Steel Telecommunication Wire Strands Exposed in Miyake Island. <i>Zairyo To Kankyo/ Corrosion Engineering</i> , 2011, 60, 411-416.	0.2	1
15	Examination of Rebar Corrosion in Cracked Concrete. <i>Zairyo To Kankyo/ Corrosion Engineering</i> , 2019, 68, 280-283.	0.2	1
16	Formation of Basic Copper Sulfates and Chlorides during Atmospheric Copper Corrosion. <i>Zairyo To Kankyo/ Corrosion Engineering</i> , 2009, 58, 328-334.	0.2	0
17	Surface Analysis of Copper Patinas Formed Outdoors by using Time-of-flight Secondary Ion Mass Spectrometry. <i>Zairyo To Kankyo/ Corrosion Engineering</i> , 2006, 55, 146-151.	0.2	0
18	Estimation of Hydrogen Embrittlement Process by Statistical Analysis of Fracture Time. <i>Zairyo To Kankyo/ Corrosion Engineering</i> , 2019, 68, 88-91.	0.2	0