

CORROSION



The Journal on Environmental Degradation of Materials and its Control Editor-in-Chief: G. T. BURSTEIN, University of Cambridge, U.K.

An Official Journal of the Institute of Corrosion

CONTENTS

F. CONTU, B. ELSENER and H. BÖHNI	1863	Corrosion behaviour of CoCrMo implant alloy during fretting in boying scrum
W. Y. Maeng, J. H. Lee and U. C. Kim	1876	Environmental effects on the stress corrosion cracking
R. YIN	1007	susceptibility of 3.5NiCrMoV steels in high temperature water
K. TIN	1896	Carburization of 310 stainless steel exposed at 800–1100 °C in 2%CH ₄ /H ₂ gas mixture
U. Malayoglu, A. Neville and	1911	Assessing the kinetics and mechanisms of corrosion of cas
H. LOVELOCK		and HIPed Stellite 6 in aqueous saline environments
G. Mu, X. Li and G. Liu	1932	Synergistic inhibition between tween 60 and NaCl on the corrosion of cold rolled steel in 0.5 M sulfuric acid
G. Song	1953	Transpassivation of Fe-Cr-Ni stainless steels
A. S. Fouda, H. A. Mostafa,	1988	Synergistic influence of iodide ions on the inhibition of
F. El-Taib and G. Y. Elewady		corrosion of C-steel in sulphuric acid by some aliphatic
J. Morales, S. Martín-Krijer,	2005	Atmospheric corrosion in subtropical areas: influences of time
F. Díaz, J. Hernández-Borges and S. González		of wetness and deficiency of the ISO 9223 norm
F. Monteverde	2020	The thermal stability in air of hot-pressed diboride matrix composites for uses at ultra-high temperatures

Contents continued on outside back cover

Continued from front cover

K. Ogle, S. Morel and N. Meddahi	2034	An electrochemical study of the delamination of polymer coatings on galvanized steel
J. KAWAKITA and S. KURODA	2053	Oscillational corrosion potential of HastelloyC coatings fabricated by GS-HVOF spraying
S. Sawada, C. L. Page and M. M. Page	2063	Electrochemical injection of organic corrosion inhibitors into concrete
M. Seo, Y. Ishikawa, M. Kodaira, A. Sugimoto, S. Nakayama, M. Watanabe, S. Furuya, R. Minamitani, Y. Miyata, A. Nishikata and T. Notoya Short Communication	2079	Cathodic reduction of the duplex oxide films formed on copper in air with high relative humidity at 60 °C
S. M. A. SHIBLI and V. S. GIREESH	2091	Activation of aluminium alloy sacrificial anodes by selenium
	I	Corrosion diary
	Ш	Keywords for Corrosion Science





This journal is part of **ContentsDirect**, the *free* alerting service which sends tables of contents by e-mail for Elsevier books and journals. You can register for **ContentsDirect** online at: http://contentsdirect.elsevier.com

Indexed/Abstracted in Current Contents, Engng Ind Monthly & Author Index, PASCAL/CNRS Database, Corrosion Abstracts, Metals Abstracts, Chemical Abstracts, INSPEC Database, BMT Abstracts, Petroleum Abstracts, Aqua Abstr, Cam Sci Abstr, Chem Eng Abstr, Chem Haz in Indus, Edi Metal Abstr, Environ Per Bibl, Materials Science Citation Index, Applied Science & Technology Index, Wilson Applied Science & Technology Abstracts, Current Technology Index (CTI)

ISSN 0010-938X





0010-938x(200508)47:8:1-5