

# Gabriele Re G Fumagalli

## List of Publications by Year in descending order

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18  
papers

519  
citations

933447

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h-index

996975

15  
g-index

18  
all docs

18  
docs citations

18  
times ranked

460  
citing authors

#	ARTICLE	IF	CITATIONS
1	A study of organic substances as inhibitors for chloride-induced corrosion in concrete. Corrosion Science, 2009, 51, 2959-2968.	6.6	220
2	Hydrogen diffusion into three metallurgical microstructures of a Cr-Mn X65 and low alloy F22 sour service steel pipelines. International Journal of Hydrogen Energy, 2014, 39, 13300-13313.	7.1	58
3	Influence of hydrogen and low temperature on mechanical behaviour of two pipeline steels. Engineering Fracture Mechanics, 2012, 81, 43-55.	4.3	56
4	Fatigue behavior of hydrogen pre-charged low alloy Cr-Mo steel. International Journal of Fatigue, 2016, 83, 2-9.	5.7	48
5	Corrosion behaviour of electroless Ni-P coatings in chloride-containing environments. Surface and Coatings Technology, 1989, 37, 449-460.	4.8	19
6	The distribution of stainless steel breakdown potentials: The effect of surface finishing degree and HNO <sub>3</sub> treatment. Corrosion Science, 1994, 36, 733-742.	6.6	18
7	Influence of Hydrogen and Low Temperature on Pipeline Steels Mechanical Behaviour. Procedia Engineering, 2011, 10, 3226-3234.	1.2	18
8	Hydrogen Effect on Fatigue Behavior of a Quenched&tempered Steel. Procedia Engineering, 2014, 74, 468-471.	1.2	18
9	A statistical evaluation of AISI 316 stainless steel resistance to crevice corrosion in 3.5% NaCl solution and in natural sea water after pre-treatment in HNO <sub>3</sub> . Corrosion Science, 1987, 27, 927-936.	6.6	13
10	The distribution of stainless steel breakdown potentials: experimental method and the effect of metallurgical conditions. Corrosion Science, 1992, 33, 985-995.	6.6	13
11	Electrochemical methods for determining diffusion coefficient of hydrogen in steels. Corrosion Engineering Science and Technology, 2015, 50, 203-210.	1.4	9
12	The distribution of the breakdown potential of stainless steels: Effects of test repetition, specimen exposure surfaces and threshold current. Corrosion Science, 1995, 37, 1303-1312.	6.6	8
13	A study on metastability phenomena of passive films for corrosion resistant alloys. Electrochimica Acta, 2007, 52, 7577-7584.	5.2	8
14	Localized Corrosion: An Empirical Approach to the Study of Passive Film Breakdown Rates. Corrosion, 2013, 69, 352-363.	1.1	4
15	Mixed-in inhibitors for concrete structures. , 2007, , 185-202.		3
16	Electrochemical characterization of corrosion resistant alloys in chloride solutions. , 2006, , 573-578.		3
17	Migrating inhibitors on corrosion in reinforced concrete. , 2007, , 211-225.		2
18	Sulphide stress corrosion behaviour of a nickel coated high-strength low-alloyed steel. Corrosion Science, 1987, 27, 1205-1212.	6.6	1