Federica Zanotto

List of Publications by Year in descending order

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23 papers	723 citations	567281 15 h-index	642732 23 g-index
23 all docs	23 docs citations	23 times ranked	822 citing authors

#	Article	IF	Citations
1	Corrosion behavior of steel in alkali-activated fly ash mortars in the light of their microstructural, mechanical and chemical characterization. Cement and Concrete Research, 2016, 80, 60-68.	11.0	93
2	A study on the corrosion of reinforcing bars in alkali-activated fly ash mortars under wet and dry exposures to chloride solutions. Cement and Concrete Research, 2016, 87, 53-63.	11.0	82
3	Stress corrosion cracking of LDX 2101Â® duplex stainless steel in chloride solutions in the presence of thiosulphate. Corrosion Science, 2014, 80, 205-212.	6.6	75
4	Inhibition of AZ31 Mg alloy corrosion by anionic surfactants. Corrosion Science, 2012, 63, 29-39.	6.6	66
5	Protection of the AZ31 magnesium alloy with cerium modified silane coatings. Materials Chemistry and Physics, 2011, 129, 1-8.	4.0	64
6	Evaluation of 2-(salicylideneimino) thiophenol and other Schiff bases as bronze corrosion inhibitors by electrochemical techniques and surface analysis. Corrosion Science, 2019, 148, 144-158.	6.6	57
7	Effect of brief heat treatments performed between 650 and 850Â°C on corrosion behaviour of a lean duplex stainless steel. Corrosion Science, 2015, 94, 38-47.	6.6	36
8	An overview of ultra-refractory ceramics for thermodynamic solar energy generation at high temperature. Renewable Energy, 2019, 133, 1257-1267.	8.9	35
9	Organosilane coatings applied on bronze: Influence of UV radiation and thermal cycles on the protectiveness. Progress in Organic Coatings, 2015, 82, 91-100.	3.9	33
10	Evaluation of the protectiveness of an organosilane coating on patinated Cu-Si-Mn bronze for contemporary art. Progress in Organic Coatings, 2019, 127, 286-299.	3.9	29
11	Optical characterization of hafnium boride and hafnium carbide-based ceramics for solar energy receivers. Solar Energy, 2018, 169, 111-119.	6.1	24
12	Sodium monocarboxylates as inhibitors of AZ31 alloy corrosion in a synthetic cooling water. Materials and Corrosion - Werkstoffe Und Korrosion, 2009, 60, 199-205.	1.5	21
13	Corrosion Behavior of Different Brass Alloys for Drinking Water Distribution Systems. Metals, 2019, 9, 649.	2.3	21
14	Effect of brief thermal aging on stress corrosion cracking susceptibility of LDSS 2101 in the presence of chloride and thiosulphate ions. Corrosion Science, 2018, 130, 22-30.	6.6	20
15	Monoâ€carboxylate conversion coatings for AZ31 Mg alloy protection. Materials and Corrosion - Werkstoffe Und Korrosion, 2011, 62, 995-1002.	1.5	17
16	Inclusion of 5-Mercapto-1-Phenyl-Tetrazole into Î²-Cyclodextrin for Entrapment in Silane Coatings: An Improvement in Bronze Corrosion Protection. Coatings, 2019, 9, 508.	2.6	12
17	Investigation on the Corrosion Behavior of Lean Duplex Stainless Steel 2404 after Aging within the 650â€“850 Â°C Temperature Range. Metals, 2019, 9, 529.	2.3	12
18	Conservation state of cast iron metalworks in European street furniture. European Physical Journal Plus, 2019, 134, 1.	2.6	8

#	Article	IF	Citations
19	Stress-Corrosion Cracking Behaviour of Lean-Duplex Stainless Steels in Chloride/Thiosulphate Environments. Metals, 2018, 8, 237.	2.3	5
20	Corrosion Behavior and Susceptibility to Stress Corrosion Cracking of Leaded and Lead-Free Brasses in Simulated Drinking Water. Materials, 2022, 15, 144.	2.9	4
21	Resistance of Thermally Aged DSS 2304 against Localized Corrosion Attack. Metals, 2018, 8, 1022.	2.3	3
22	B-IMPACT project: eco-friendly and non-hazardous coatings for the protection of outdoor bronzes. IOP Conference Series: Materials Science and Engineering, 2020, 949, 012097.	0.6	3
23	Improving the Protectiveness of 3-Mercaptopropyl-Trimethoxysilane Coatings on Bronze by Addition of Oxidic Nano- and Microparticles. Coatings, 2020, 10, 225.	2.6	3