Federica Zanotto

List of Publications by Year in descending order

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23	723	567281 15	642732 23
papers	citations	h-index	g-index

23	23	23	822
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	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
2	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
3	Improving the Protectiveness of 3-Mercaptopropyl-Trimethoxysilane Coatings on Bronze by Addition of Oxidic Nano- and Microparticles. Coatings, 2020, 10, 225.	2.6	3
4	An overview of ultra-refractory ceramics for thermodynamic solar energy generation at high temperature. Renewable Energy, 2019, 133, 1257-1267.	8.9	35
5	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
6	Conservation state of cast iron metalworks in European street furniture. European Physical Journal Plus, 2019, 134, 1.	2.6	8
7	Corrosion Behavior of Different Brass Alloys for Drinking Water Distribution Systems. Metals, 2019, 9, 649.	2.3	21
8	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
9	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
10	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
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	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
13	Resistance of Thermally Aged DSS 2304 against Localized Corrosion Attack. Metals, 2018, 8, 1022.	2.3	3
14	Stress-Corrosion Cracking Behaviour of Lean-Duplex Stainless Steels in Chloride/Thiosulphate Environments. Metals, 2018, 8, 237.	2.3	5
15	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
16	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
17	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
18	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

#	Article	IF	Citations
19	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
20	Inhibition of AZ31 Mg alloy corrosion by anionic surfactants. Corrosion Science, 2012, 63, 29-39.	6.6	66
21	Protection of the AZ31 magnesium alloy with cerium modified silane coatings. Materials Chemistry and Physics, 2011, 129, 1-8.	4.0	64
22	Monoâ€carboxylate conversion coatings for AZ31 Mg alloy protection. Materials and Corrosion - Werkstoffe Und Korrosion, 2011, 62, 995-1002.	1.5	17
23	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