Andrej Nazarov

List of Publications by Year
in descending order

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26	836	471509 17	552781 26
papers	citations	h-index	g-index

26	26	26	668
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Hydrogen detection in high strength dual phase steel using scanning Kelvin probe technique and XPS analyses. Corrosion Science, 2022, 197, 110072.	6.6	9
2	Effect of Cathodic Polarisation Switch-Off on the Passivity and Stability to Crevice Corrosion of AISI 304L Stainless Steel. Materials, 2021, 14, 2921.	2.9	4
3	Vapour Phase Deposition of Thin Siloxane Coatings on the Iron Surface. The Impact of the Layer Structure and Oxygen Adsorption on Corrosion Stability. Coatings, 2021, 11, 1217.	2.6	2
4	Scanning Kelvin Probe Investigation of High-Strength Steel Surface after Impact of Hydrogen and Tensile Strain. Corrosion and Materials Degradation, 2020, 1, 187-197.	2.4	9
5	Effect of Sign-Alternating Cyclic Polarisation and Hydrogen Uptake on the Localised Corrosion of X70 Pipeline Steel in Near-Neutral Solutions. Metals, 2020, 10, 245.	2.3	4
6	Thin Benzotriazole Films for Inhibition of Carbon Steel Corrosion in Neutral Electrolytes. Coatings, 2020, 10, 362.	2.6	32
7	Application of Scanning Kelvin Probe in the Study of Protective Paints. Frontiers in Materials, 2019, 6, .	2.4	17
8	Effect of Tensile Stress on the Passivity Breakdown and Repassivation of AISI 304ÂStainless Steel: A Scanning Kelvin Probe and Scanning Electrochemical Microscopy Study. Journal of the Electrochemical Society, 2019, 166, C3207-C3219.	2.9	28
9	Assessment of steel corrosion and deadhesion of epoxy barrier paint by scanning Kelvin probe. Progress in Organic Coatings, 2018, 114, 123-134.	3.9	30
10	Scanning Kelvin Probe assessment of steel corrosion protection by marine paints containing Zn-rich primer. Progress in Organic Coatings, 2018, 125, 61-72.	3.9	23
11	Formation of Galvanic Cells and Localized Corrosion of Zinc and Zinc Alloys Under Atmospheric Conditions. Corrosion, 2017, 73, 77-86.	1.1	7
12	Role of steel and zinc coating thickness in cut edge corrosion of coil coated materials in atmospheric weathering conditions; Part 1: Laboratory study. Progress in Organic Coatings, 2016, 99, 356-364.	3.9	22
13	Improving corrosion stability of ZnAlMg by alloying for protection of car bodies. Surface and Coatings Technology, 2016, 306, 439-447.	4.8	43
14	Role of steel and zinc coating thickness in cut edge corrosion of coil coated materials in atmospheric weathering conditions; Part 2: Field data and model. Progress in Organic Coatings, 2016, 101, 45-50.	3.9	10
15	Scanning Kelvin Probe for detection of the hydrogen induced by atmospheric corrosion of ultra-high strength steel. Electrochimica Acta, 2016, 216, 130-139.	5.2	43
16	Electrochemical properties of corrosion products formed on Znâ€Mg, Znâ€Al and Znâ€Alâ€Mg coatings in model atmospheric conditions. Materials and Corrosion - Werkstoffe Und Korrosion, 2015, 66, 777-782.	1.5	43
17	Coil-coated Znâ€“Mg and Znâ€“Alâ€“Mg: Effect of climatic parameters on the corrosion at cut edges. Progress in Organic Coatings, 2015, 83, 26-35.	3.9	32
18	Electrochemical and corrosion properties of ZnO/Zn electrode in atmospheric environments. Journal of Electroanalytical Chemistry, 2015, 737, 129-140.	3.8	34

#	Article	IF	Citations
19	Evaluation of the tendency of coil-coated materials to blistering: Field exposure, accelerated tests and electrochemical measurements. Corrosion Science, 2012, 61, 92-100.	6.6	21
20	SKP and FT-IR microscopy study of the paint corrosion de-adhesion from the surface of galvanized steel. Progress in Organic Coatings, 2012, 74, 356-364.	3.9	37
21	An SKP and EIS investigation of amine adsorption on zinc oxide surfaces. Surface and Interface Analysis, 2011, 43, 1286-1298.	1.8	13
22	The role of stress and topcoat properties in blistering of coil-coated materials. Progress in Organic Coatings, 2010, 68, 328-333.	3.9	17
23	Influence of crosslinking density of a cataphoretic coating on initiation and propagation of filiform corrosion of AA6016. Progress in Organic Coatings, 2009, 66, 173-182.	3.9	18
24	Application of EIS and SKP methods for the study of the zinc/polymer interface. Electrochimica Acta, 2008, 53, 7531-7538.	5.2	42
25	Corrosion mechanism of model zincâ€“magnesium alloys in atmospheric conditions. Corrosion Science, 2008, 50, 2216-2231.	6.6	258
26	Protective Action of Vanadate at Defected Areas of Organic Coatings on Zinc. Journal of the Electrochemical Society, 2005, 152, B220.	2.9	38