

# Andrej Nazarov

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8591480/publications.pdf>

Version: 2024-02-01

26  
papers

836  
citations

471509

17  
h-index

552781

26  
g-index

26  
all docs

26  
docs citations

26  
times ranked

668  
citing authors

#	ARTICLE	IF	CITATIONS
1	Corrosion mechanism of model zinc-magnesium alloys in atmospheric conditions. <i>Corrosion Science</i> , 2008, 50, 2216-2231.	6.6	258
2	Electrochemical properties of corrosion products formed on Zn-Mg, Zn-Al and Zn-Al-Mg coatings in model atmospheric conditions. <i>Materials and Corrosion - Werkstoffe Und Korrosion</i> , 2015, 66, 777-782.	1.5	43
3	Improving corrosion stability of ZnAlMg by alloying for protection of car bodies. <i>Surface and Coatings Technology</i> , 2016, 306, 439-447.	4.8	43
4	Scanning Kelvin Probe for detection of the hydrogen induced by atmospheric corrosion of ultra-high strength steel. <i>Electrochimica Acta</i> , 2016, 216, 130-139.	5.2	43
5	Application of EIS and SKP methods for the study of the zinc/polymer interface. <i>Electrochimica Acta</i> , 2008, 53, 7531-7538.	5.2	42
6	Protective Action of Vanadate at Defected Areas of Organic Coatings on Zinc. <i>Journal of the Electrochemical Society</i> , 2005, 152, B220.	2.9	38
7	SKP and FT-IR microscopy study of the paint corrosion de-adhesion from the surface of galvanized steel. <i>Progress in Organic Coatings</i> , 2012, 74, 356-364.	3.9	37
8	Electrochemical and corrosion properties of ZnO/Zn electrode in atmospheric environments. <i>Journal of Electroanalytical Chemistry</i> , 2015, 737, 129-140.	3.8	34
9	Coil-coated Zn-Mg and Zn-Al-Mg: Effect of climatic parameters on the corrosion at cut edges. <i>Progress in Organic Coatings</i> , 2015, 83, 26-35.	3.9	32
10	Thin Benzotriazole Films for Inhibition of Carbon Steel Corrosion in Neutral Electrolytes. <i>Coatings</i> , 2020, 10, 362.	2.6	32
11	Assessment of steel corrosion and deadhesion of epoxy barrier paint by scanning Kelvin probe. <i>Progress in Organic Coatings</i> , 2018, 114, 123-134.	3.9	30
12	Effect of Tensile Stress on the Passivity Breakdown and Repassivation of AISI 304 Stainless Steel: A Scanning Kelvin Probe and Scanning Electrochemical Microscopy Study. <i>Journal of the Electrochemical Society</i> , 2019, 166, C3207-C3219.	2.9	28
13	Scanning Kelvin Probe assessment of steel corrosion protection by marine paints containing Zn-rich primer. <i>Progress in Organic Coatings</i> , 2018, 125, 61-72.	3.9	23
14	Role of steel and zinc coating thickness in cut edge corrosion of coil coated materials in atmospheric weathering conditions; Part 1: Laboratory study. <i>Progress in Organic Coatings</i> , 2016, 99, 356-364.	3.9	22
15	Evaluation of the tendency of coil-coated materials to blistering: Field exposure, accelerated tests and electrochemical measurements. <i>Corrosion Science</i> , 2012, 61, 92-100.	6.6	21
16	Influence of crosslinking density of a cathodic coating on initiation and propagation of filiform corrosion of AA6016. <i>Progress in Organic Coatings</i> , 2009, 66, 173-182.	3.9	18
17	The role of stress and topcoat properties in blistering of coil-coated materials. <i>Progress in Organic Coatings</i> , 2010, 68, 328-333.	3.9	17
18	Application of Scanning Kelvin Probe in the Study of Protective Paints. <i>Frontiers in Materials</i> , 2019, 6, .	2.4	17

#	ARTICLE	IF	CITATIONS
19	An SKP and EIS investigation of amine adsorption on zinc oxide surfaces. <i>Surface and Interface Analysis</i> , 2011, 43, 1286-1298.	1.8	13
20	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. <i>Progress in Organic Coatings</i> , 2016, 101, 45-50.	3.9	10
21	Scanning Kelvin Probe Investigation of High-Strength Steel Surface after Impact of Hydrogen and Tensile Strain. <i>Corrosion and Materials Degradation</i> , 2020, 1, 187-197.	2.4	9
22	Hydrogen detection in high strength dual phase steel using scanning Kelvin probe technique and XPS analyses. <i>Corrosion Science</i> , 2022, 197, 110072.	6.6	9
23	Formation of Galvanic Cells and Localized Corrosion of Zinc and Zinc Alloys Under Atmospheric Conditions. <i>Corrosion</i> , 2017, 73, 77-86.	1.1	7
24	Effect of Sign-Alternating Cyclic Polarisation and Hydrogen Uptake on the Localised Corrosion of X70 Pipeline Steel in Near-Neutral Solutions. <i>Metals</i> , 2020, 10, 245.	2.3	4
25	Effect of Cathodic Polarisation Switch-Off on the Passivity and Stability to Crevice Corrosion of AISI 304L Stainless Steel. <i>Materials</i> , 2021, 14, 2921.	2.9	4
26	Vapour Phase Deposition of Thin Siloxane Coatings on the Iron Surface. The Impact of the Layer Structure and Oxygen Adsorption on Corrosion Stability. <i>Coatings</i> , 2021, 11, 1217.	2.6	2