

Kristof Marcoen

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8536753/publications.pdf>

Version: 2024-02-01

21
papers

363
citations

933447

10
h-index

839539

18
g-index

21
all docs

21
docs citations

21
times ranked

462
citing authors

#	ARTICLE	IF	CITATIONS
1	Unravelling the Chemical Influence of Water on the PMMA/Aluminum Oxide Hybrid Interface In Situ. <i>Scientific Reports</i> , 2017, 7, 13341.	3.3	76
2	Integrated Cleanroom Process for the Vapor-Phase Deposition of Large-Area Zeolitic Imidazolate Framework Thin Films. <i>Chemistry of Materials</i> , 2019, 31, 9462-9471.	6.7	52
3	Atomic Layer Deposition of Ruthenium Thin Films from (Ethylbenzyl) (1-Ethyl-1,4-cyclohexadienyl) Ru: Process Characteristics, Surface Chemistry, and Film Properties. <i>Chemistry of Materials</i> , 2017, 29, 4654-4666.	6.7	41
4	Compositional study of a corrosion protective layer formed by leachable lithium salts in a coating defect on AA2024-T3 aluminium alloys. <i>Progress in Organic Coatings</i> , 2018, 119, 65-75.	3.9	37
5	Dual Role of Lithium on the Structure and Self-Healing Ability of PMMA-Silica Coatings on AA7075 Alloy. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 40629-40641.	8.0	27
6	The chemical throwing power of lithium-based inhibitors from organic coatings on AA2024-T3. <i>Corrosion Science</i> , 2019, 150, 194-206.	6.6	27
7	Effect of Ce(III) and Ce(IV) ions on the structure and active protection of PMMA-silica coatings on AA7075 alloy. <i>Corrosion Science</i> , 2021, 189, 109581.	6.6	19
8	Electrode-electrolyte interactions in choline chloride ethylene glycol based solvents and their effect on the electrodeposition of iron. <i>Electrochimica Acta</i> , 2019, 312, 303-312.	5.2	14
9	A study of the interfacial chemistry between polymeric methylene diphenyl diisocyanate and a Fe-Cr alloy. <i>Surface and Interface Analysis</i> , 2021, 53, 340-349.	1.8	12
10	Chemical Vapor Deposition of Ionic Liquids for the Fabrication of Ionogel Films and Patterns. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 25668-25673.	13.8	12
11	Molecular Characterization of Multiple Bonding Interactions at the Steel Oxide-Aminopropyl triethoxysilane Interface by ToF-SIMS. <i>ACS Omega</i> , 2020, 5, 692-700.	3.5	11
12	Electrochemical codeposition of arsenic from acidic copper sulfate baths: The implications for sustainable copper electrometallurgy. <i>Minerals Engineering</i> , 2022, 176, 107312.	4.3	9
13	Unraveling the formation mechanism of hybrid Zr conversion coating on advanced high strength stainless steels. <i>Surface and Coatings Technology</i> , 2022, 441, 128567.	4.8	8
14	Fluoride-Induced Interfacial Adhesion Loss of Nanoporous Anodic Aluminum Oxide Templates in Aerospace Structures. <i>ACS Applied Nano Materials</i> , 2018, 1, 6139-6149.	5.0	6
15	Molecular Characterization of Bonding Interactions at the Buried Steel Oxide-Aminopropyl Triethoxysilane Interface Accessed by Ar Cluster Sputtering. <i>Journal of Physical Chemistry C</i> , 2020, 124, 13150-13161.	3.1	4
16	Unraveling the mechanism of the conversion treatment on Advanced High Strength Stainless Steels (AHSS). <i>Applied Surface Science</i> , 2022, 572, 151418.	6.1	4
17	Effect of excess hydrogen bond donors on the electrode-electrolyte interface between choline chloride-ethylene glycol based solvents and copper. <i>Journal of Electroanalytical Chemistry</i> , 2020, 857, 113732.	3.8	2
18	The Role of Anodising Parameters in the Performance of Bare and Coated Aerospace Anodic Oxide Films. <i>Coatings</i> , 2022, 12, 908.	2.6	2

#	ARTICLE	IF	CITATIONS
19	Chemical Vapor Deposition of Ionic Liquids for the Fabrication of Ionogel Films and Patterns. <i>Angewandte Chemie</i> , 2021, 133, 25872.	2.0	0
20	Frontispiece: Chemical Vapor Deposition of Ionic Liquids for the Fabrication of Ionogel Films and Patterns. <i>Angewandte Chemie - International Edition</i> , 2021, 60, .	13.8	0
21	Frontispiz: Chemical Vapor Deposition of Ionic Liquids for the Fabrication of Ionogel Films and Patterns. <i>Angewandte Chemie</i> , 2021, 133, .	2.0	0