Kristof Marcoen

List of Publications by Year
in descending order

21	363	933447 10	839539 18
papers	citations	h-index	g-index

21	21	21	462
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Unraveling the mechanism of the conversion treatment on Advanced High Strength Stainless Steels (AHSSS). Applied Surface Science, 2022, 572, 151418.	6.1	4
2	Electrochemical codeposition of arsenic from acidic copper sulfate baths: The implications for sustainable copper electrometallurgy. Minerals Engineering, 2022, 176, 107312.	4.3	9
3	Unraveling the formation mechanism of hybrid Zr conversion coating on advanced high strength stainless steels. Surface and Coatings Technology, 2022, 441, 128567.	4.8	8
4	The Role of Anodising Parameters in the Performance of Bare and Coated Aerospace Anodic Oxide Films. Coatings, 2022, 12, 908.	2.6	2
5	A study of the interfacial chemistry between polymeric methylene diphenyl diâ€isocyanate and a Feâ€“Cr alloy. Surface and Interface Analysis, 2021, 53, 340-349.	1.8	12
6	Effect of Ce(III) and Ce(IV) ions on the structure and active protection of PMMA-silica coatings on AA7075 alloy. Corrosion Science, 2021, 189, 109581.	6.6	19
7	Chemical Vapor Deposition of Ionic Liquids for the Fabrication of Ionogel Films and Patterns. Angewandte Chemie, 2021, 133, 25872.	2.0	0
8	Chemical Vapor Deposition of Ionic Liquids for the Fabrication of Ionogel Films and Patterns. Angewandte Chemie - International Edition, 2021, 60, 25668-25673.	13.8	12
9	Frontispiece: Chemical Vapor Deposition of Ionic Liquids for the Fabrication of Ionogel Films and Patterns. Angewandte Chemie - International Edition, 2021, 60, .	13.8	0
10	Frontispiz: Chemical Vapor Deposition of Ionic Liquids for the Fabrication of Ionogel Films and Patterns. Angewandte Chemie, 2021, 133, .	2.0	0
11	Effect of excess hydrogen bond donors on the electrode-electrolyte interface between choline chloride-ethylene glycol based solvents and copper. Journal of Electroanalytical Chemistry, 2020, 857, 113732.	3.8	2
12	Molecular Characterization of Bonding Interactions at the Buried Steel Oxideâ€“Aminopropyl Triethoxysilane Interface Accessed by Ar Cluster Sputtering. Journal of Physical Chemistry C, 2020, 124, 13150-13161.	3.1	4
13	Molecular Characterization of Multiple Bonding Interactions at the Steel Oxideâ€“Aminopropyl triethoxysilane Interface by ToF-SIMS. ACS Omega, 2020, 5, 692-700.	3.5	11
14	Dual Role of Lithium on the Structure and Self-Healing Ability of PMMA-Silica Coatings on AA7075 Alloy. ACS Applied Materials & Interfaces, 2019, 11, 40629-40641.	8.0	27
15	Integrated Cleanroom Process for the Vapor-Phase Deposition of Large-Area Zeolitic Imidazolate Framework Thin Films. Chemistry of Materials, 2019, 31, 9462-9471.	6.7	52
16	Electrode-electrolyte interactions in choline chloride ethylene glycol based solvents and their effect on the electrodeposition of iron. Electrochimica Acta, 2019, 312, 303-312.	5.2	14
17	The chemical throwing power of lithium-based inhibitors from organic coatings on AA2024-T3. Corrosion Science, 2019, 150, 194-206.	6.6	27
18	Compositional study of a corrosion protective layer formed by leachable lithium salts in a coating defect on AA2024-T3 aluminium alloys. Progress in Organic Coatings, 2018, 119, 65-75.	3.9	37

#	Article	IF	Citations
19	Fluoride-Induced Interfacial Adhesion Loss of Nanoporous Anodic Aluminum Oxide Templates in Aerospace Structures. ACS Applied Nano Materials, 2018, 1, 6139-6149.	5.0	6
20	Atomic Layer Deposition of Ruthenium Thin Films from (Ethylbenzyl) (1-Ethyl-1,4-cyclohexadienyl) Ru: Process Characteristics, Surface Chemistry, and Film Properties. Chemistry of Materials, 2017, 29, 4654-4666.	6.7	41
21	Unravelling the Chemical Influence of Water on the PMMA/Aluminum Oxide Hybrid Interface In Situ. Scientific Reports, 2017, 7, 13341.	3.3	76