

Kitty Baert

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4564228/publications.pdf>

Version: 2024-02-01

21
papers

392
citations

840776

11
h-index

752698

20
g-index

22
all docs

22
docs citations

22
times ranked

570
citing authors

#	ARTICLE	IF	CITATIONS
1	Revisiting the surface characterization of plasma-modified polymers. <i>Plasma Processes and Polymers</i> , 2022, 19, .	3.0	3
2	Simple and Scalable Chemical Surface Patterning via Direct Deposition from Immobilized Plasma Filaments in a Dielectric Barrier Discharge. <i>Advanced Science</i> , 2022, 9, e2200237.	11.2	4
3	Albumin Protein Adsorption on CoCrMo Implant Alloy: Impact on the Corrosion Behaviour at Localized Scale. <i>Journal of the Electrochemical Society</i> , 2022, 169, 031507.	2.9	3
4	Role of phosphate, calcium species and hydrogen peroxide on albumin protein adsorption on surface oxide of Ti6Al4V alloy. <i>Materialia</i> , 2021, 15, 100988.	2.7	20
5	Mapping Composition-Selectivity Relationships of Supported Sub-10 nm Cu-Ag Nanocrystals for High-Rate CO ₂ Electroreduction. <i>ACS Nano</i> , 2021, 15, 14858-14872.	14.6	28
6	Effect of hydrogen peroxide on bovine serum albumin adsorption on Ti6Al4V alloy: A scanning Kelvin probe force microscopy study. <i>Applied Surface Science</i> , 2021, 563, 150364.	6.1	13
7	Experimental and computational insights into the aminopropylphosphonic acid modification of mesoporous TiO ₂ powder: The role of the amine functionality on the surface interaction and coordination. <i>Applied Surface Science</i> , 2021, 566, 150625.	6.1	8
8	Morphology and Microstructure Evolution of Gold Nanostructures in the Limited Volume Porous Matrices. <i>Sensors</i> , 2020, 20, 4397.	3.8	11
9	Electrochemical and Raman analysis of the corrosion products formed over hot dip galvanised steel wires exposed in different environmental sites. <i>Corrosion Engineering Science and Technology</i> , 2020, 55, 562-573.	1.4	3
10	Synthesis properties correlation and the unexpected role of the titania support on the Grignard surface modification. <i>Applied Surface Science</i> , 2020, 527, 146851.	6.1	4
11	Corrosion protection of Cu by atomic layer deposition. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 2019, 37, 060902.	2.1	7
12	N-Doped TiO ₂ Photocatalyst Coatings Synthesized by a Cold Atmospheric Plasma. <i>Langmuir</i> , 2019, 35, 7161-7168.	3.5	43
13	<i>In situ</i> electrochromic efficiency of a nickel oxide thin film: origin of electrochemical process and electrochromic degradation. <i>Journal of Materials Chemistry C</i> , 2018, 6, 646-653.	5.5	82
14	Doped ordered mesoporous carbons as novel, selective electrocatalysts for the reduction of nitrobenzene to aniline. <i>Journal of Materials Chemistry A</i> , 2018, 6, 13397-13411.	10.3	31
15	Deposition of aminosilane coatings on porous Al ₂ O ₃ microspheres by means of dielectric barrier discharges. <i>Plasma Processes and Polymers</i> , 2017, 14, 1600211.	3.0	6
16	Growth mechanisms of spatially separated copper dendrites in pores of a SiO ₂ template. <i>Philosophical Magazine</i> , 2017, 97, 2268-2283.	1.6	35
17	Incubation phenomena during UV-pulse excimer laser processing of silicone elastomers. <i>Journal of Applied Polymer Science</i> , 2017, 134, .	2.6	4
18	Screening and classification of ordinary chondrites by Raman spectroscopy. <i>Meteoritics and Planetary Science</i> , 2015, 50, 1718-1732.	1.6	14

#	ARTICLE	IF	CITATIONS
19	Evaluation of the Yasuda parameter for the atmospheric plasma deposition of allyl methacrylate. RSC Advances, 2015, 5, 27449-27457.	3.6	35
20	A XANES study of chromophores: the case of black glass. Analytical Methods, 2014, 6, 2662-2671.	2.7	29
21	The combination of surface enhanced Raman spectroscopy and an ionic liquid as a model system to study the adhesion interface between sulfur and brass. Journal of Raman Spectroscopy, 2013, 44, 377-381.	2.5	9