

Kitty Baert

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

392
citations

840776

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752698

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22
all docs

22
docs citations

22
times ranked

570
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | <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 |
| 2 | N-Doped TiO ₂ Photocatalyst Coatings Synthesized by a Cold Atmospheric Plasma. <i>Langmuir</i> , 2019, 35, 7161-7168. | 3.5 | 43 |
| 3 | Evaluation of the Yasuda parameter for the atmospheric plasma deposition of allyl methacrylate. <i>RSC Advances</i> , 2015, 5, 27449-27457. | 3.6 | 35 |
| 4 | 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 |
| 5 | 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 |
| 6 | A XANES study of chromophores: the case of black glass. <i>Analytical Methods</i> , 2014, 6, 2662-2671. | 2.7 | 29 |
| 7 | Mapping Compositionâ€“Selectivity Relationships of Supported Sub-10 nm Cuâ€“Ag Nanocrystals for High-Rate CO ₂ Electroreduction. <i>ACS Nano</i> , 2021, 15, 14858-14872. | 14.6 | 28 |
| 8 | 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 |
| 9 | Screening and classification of ordinary chondrites by Raman spectroscopy. <i>Meteoritics and Planetary Science</i> , 2015, 50, 1718-1732. | 1.6 | 14 |
| 10 | 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 |
| 11 | Morphology and Microstructure Evolution of Gold Nanostructures in the Limited Volume Porous Matrices. <i>Sensors</i> , 2020, 20, 4397. | 3.8 | 11 |
| 12 | The combination of surface enhanced Raman spectroscopy and an ionic liquid as a model system to study the adhesion interface between sulfur and brass. <i>Journal of Raman Spectroscopy</i> , 2013, 44, 377-381. | 2.5 | 9 |
| 13 | 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 |
| 14 | 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 |
| 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 | Incubation phenomena during UVâ€“pulse excimer laser processing of silicone elastomers. <i>Journal of Applied Polymer Science</i> , 2017, 134, . | 2.6 | 4 |
| 17 | Synthesis â€“ 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 |
| 18 | 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 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Electrochemical and Raman analysis of the corrosion products formed over hot dip galvanised steel wires exposed in different environmental sites. Corrosion Engineering Science and Technology, 2020, 55, 562-573. | 1.4 | 3 |
| 20 | Revisiting the surface characterization of plasma-modified polymers. Plasma Processes and Polymers, 2022, 19, . | 3.0 | 3 |
| 21 | Albumin Protein Adsorption on CoCrMo Implant Alloy: Impact on the Corrosion Behaviour at Localized Scale. Journal of the Electrochemical Society, 2022, 169, 031507. | 2.9 | 3 |