

Poster list

1. Abad, J. *Surface self-assembly of heteroacene structures driven by hydrogen bonding*
2. Sanchez-Sanchez, C. *H-induced etching of the rutile TiO₂ (110)-(1x1) surface*
3. Schiller, F. *Electronic and magnetic properties of metal phthalocyanine molecules on monolayer thick magnetic rare-earth noble-metal substrates*
4. Schiller, F. *Spatial variation of the active phases during the catalytic oxidation of CO measured on a curved Pd(111) surface*
5. Azpeitia, J. *New method to synthesize graphene by using C₆₀ as carbon source*
6. Costa, J. *Advanced processes for coated plungers used on glass industry*
7. Ribeiro, J. *TiO₂:Nb Thermoelectric Thin Films for Touch Displays*
8. Merino-Diez, N. *Electronic structure characterization of atomically-precise chiral graphene nanoribbons on gold surfaces*
9. Bueno, R.A. *Controlled covalent organic functionalization of epitaxial graphene*
10. Ramadan, R. *Realization of Titanium-doped Zinc oxide planar and photolithographed structures treated by MW plasma for biomedical applications*
11. Monteiro, R. *New concepts and materials for glass containers moulds, to increase production efficiency*
12. García, S. *Functional coatings of nanoparticles applying atomic layer deposition in a fluidized bed reactor*
13. Esteban, D. *Ultraflat hexagonal boron nitride films with hexagonal and amorphous surface termination*
14. Santos Louro, C. *Are W-based coatings a surface alternative to the adverse Ni release in orthodontic applications?*
15. Conde Garrido, J.M. *AgGeSe thin films deposited by PLD under vacuum conditions*
16. Conde Garrido, J.M. *Low cost cold trap for vacuum systems. Design and fabrication*
17. da Silva Oliveira, C.I. *Thermal properties and oxidation resistance of Zr-O-N(:Ti) coatings deposited by magnetron sputtering*
18. da Silva Oliveira, C.I. *Decorative Zr-O-N coatings deposited by magnetron sputtering: strategies to avoid the chemical and color confinement*
19. Dominguez-Meister, S. *Comparative tribological behaviour of MoS₂ and WSe₂ –based nanocomposite coatings*
20. Alcalá, G. *Atomic transport of sputtered species in a plasma and nanostructural development of SiO₂ thin films grown by magnetron sputtering*
21. Gonzalez-Elipe, A.R. *Propagation of the microstructure during magnetron sputtering deposition of multilayer thin films*
22. Santoro, G. *The STARDUST machine: an UHV station for simulating cosmic dust formation and processing*
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25. Herrero, V.J. *Structure and energetic processing of interstellar hydrocarbon dust analogs formed by plasma deposition*
26. Albella, J.M. *Optical and structural properties of ZnO:Ti thin films grown by reactive magnetron co-sputtering*
27. Sobrado, J.M. *Liquids in vacuum. Coexistence and emergence*
28. Olano, L. *Secondary emission yield in rough dielectric surfaces*
29. Fernandez, L. *Growth and vibrational properties of ultra-thin TiOPc films on Ag(111)*
30. Niño, M.A. *Surface reactivity of iron monosulfide (FeS) films*
31. Manso Silvan, M. *Multiscale patterning of cell guides and traps through fs laser writing*

32. Manso Silvan, M. *Sol-gel tailoring of surface chemistry towards controlled adsorption of icosahedral P22 virus capsids*
33. Salvador, P. *ZnO:Al,Bi thin film electrodes for perovskite solar cells*
34. Sanchez Lopez, J.C. *Oxidation resistance of CrAlYN protective hard coatings for high temperature applications: Influence of Al and Y content*
35. Torres-Costa, V. *Laser carbonization of porous silicon for locally tuning the surface wettability*
36. Fernandez-Martinez, I. *The industrialization of HIPIMS: High Power Impulse Magnetron Sputtering*
37. Zubizarreta, C. *The influence of target erosion grade in the optoelectronic properties of AZO coatings growth by magnetron sputtering*
38. Fonseca, A.L. *Pressure evolution inside cork cells*
39. Martínez, L. *High-quality, one-step production of Au@TiO₂ nanoparticles by gas-phase synthesis*
40. Merino, P. *Real-Space Atomic-Scale Imaging Circumstellar Carbon Cluster Analogues*
41. dos Santos, M.P. *Optimization of dye-sensitized TiO₂ nanorod solar cells*
42. Palacio, I. *Chemistry Below Graphene: Decoupling Graphene From Metals By Electrochemical Oxidation*
43. Sanchez-Lopez, J.C. *On the reactive element effect of yttrium in the oxidation behavior of multilayered CrAlYN coatings*
44. Garcia, J.M. *Carbon evaporator for Molecular Beam Epitaxy graphene growth*
45. Azpitarte, I. *Improving the thermal and UV stability of Kevlar through Atomic Layer Deposition*
46. Yubero, J. *Energy-Sensitive Ion-and Cathode-Luminescent Radiation-BeamMonitors Based on Multilayer Thin-Film Design*
47. Sik, O. *Low Energy Ion Scattering as a Depth Profiling Tool for Thin Layers*
48. Palomares, F.J. *Ordered arrays of Si-based nanocrystal pyramids achieved by electron-beam lithography and MBE growth on Si(001)*
49. Janke, D. *In situ RBS and Raman study of nickel-catalyzed amorphous carbon graphitization*
50. Krause, M. *Central receiver coatings for high-temperature concentrated solar power studied in situ by RBS, Raman spectroscopy and spectroscopic ellipsometry*
51. Brizuela, M. *Electro-tribology of carbonaceous coatings*
52. Dominguez Meister, S. *Hardening of precipitation hardening stainless steel by Plasma treatment*