

Adriano Panepinto

List of Publications by Year in descending order

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13
papers

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202
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Achieving on chip micro-supercapacitors based on CrN deposited by bipolar magnetron sputtering at glancing angle. <i>Electrochimica Acta</i> , 2019, 324, 134890. | 5.2 | 35 |
| 2 | Experimental and theoretical study of the synthesis of N-doped TiO ₂ by N ion implantation of TiO ₂ thin films. <i>Applied Surface Science</i> , 2021, 541, 148493. | 6.1 | 21 |
| 3 | Synthesis of Anatase (Core)/Rutile (Shell) Nanostructured TiO ₂ Thin Films by Magnetron Sputtering Methods for Dye-Sensitized Solar Cell Applications. <i>ACS Applied Energy Materials</i> , 2020, 3, 759-767. | 5.1 | 19 |
| 4 | Influence of Experimental Parameters of a Continuous Flow Process on the Properties of Very Small Iron Oxide Nanoparticles (VSION) Designed for T1-Weighted Magnetic Resonance Imaging (MRI). <i>Nanomaterials</i> , 2020, 10, 757. | 4.1 | 19 |
| 5 | Fine Control of the Chemistry of Nitrogen Doping in TiO ₂ : A Joint Experimental and Theoretical Study. <i>Journal of Physical Chemistry C</i> , 2020, 124, 17401-17412. | 3.1 | 17 |
| 6 | Recent Advances in the Development of Nano-Sculpted Films by Magnetron Sputtering for Energy-Related Applications. <i>Nanomaterials</i> , 2020, 10, 2039. | 4.1 | 14 |
| 7 | Synthesis of p-type N-doped TiO ₂ thin films by reactive magnetron sputtering. <i>Plasma Processes and Polymers</i> , 2020, 17, 1900203. | 3.0 | 10 |
| 8 | Magnetron sputter deposition of silver onto castor oil: The effect of plasma parameters on nanoparticle properties. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 615, 126286. | 4.7 | 10 |
| 9 | Experimental and Modeling Study of the Fabrication of Mg Nano-Sculpted Films by Magnetron Sputtering Combined with Glancing Angle Deposition. <i>Coatings</i> , 2019, 9, 361. | 2.6 | 8 |
| 10 | Switching the electrical characteristics of TiO ₂ from n-type to p-type by ion implantation. <i>Applied Surface Science</i> , 2021, 563, 150274. | 6.1 | 6 |
| 11 | On the relationship between the plasma characteristics, the microstructure and the optical properties of reactively sputtered TiO ₂ thin films. <i>Journal Physics D: Applied Physics</i> , 2021, 54, 415202. | 2.8 | 3 |
| 12 | Study of the synthesis of C:H coating by PECVD for protecting Mg-based nano-objects. <i>Plasma Processes and Polymers</i> , 2020, 17, 2000083. | 3.0 | 1 |
| 13 | Experimental evaluation of the role of oxygen on the growth of MgOx nano-sculpted thin films synthesized by reactive magnetron sputtering combined with glancing angle deposition. <i>Thin Solid Films</i> , 2021, 718, 138480. | 1.8 | 1 |