

Anca Parau

List of Publications by Year in descending order

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papers

245
citations

840119

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19
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19
times ranked

357
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhancement of the Corrosion Resistance of 304 Stainless Steel by Cr ⁶⁺ N and Cr(N,O) Coatings. Coatings, 2018, 8, 132.	1.2	35
2	Corrosion resistance, mechanical properties and biocompatibility of Hf-containing ZrCN coatings. Thin Solid Films, 2013, 538, 48-55.	0.8	26
3	Characterization of electron beam deposited Nb ₂ O ₅ coatings for biomedical applications. Journal of the Mechanical Behavior of Biomedical Materials, 2020, 103, 103582.	1.5	22
4	In Vitro Activity Assays of Sputtered HAp Coatings with SiC Addition in Various Simulated Biological Fluids. Coatings, 2019, 9, 389.	1.2	21
5	Influence of Ti, Zr or Nb carbide adhesion layers on the adhesion, corrosion resistance and cell proliferation of titania doped hydroxyapatite to the Ti6Al4V alloy substrate, utilizable for orthopaedic implants. Ceramics International, 2019, 45, 1710-1723.	2.3	17
6	Block Copolymer Elastomer with Graphite Filler: Effect of Processing Conditions and Silane Coupling Agent on the Composite Properties. Polymers, 2018, 10, 46.	2.0	15
7	Effect of SiC interlayer between Ti6Al4V alloy and hydroxyapatite films. Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine, 2015, 229, 307-318.	1.0	13
8	Mechanical, In Vitro Corrosion Resistance and Biological Compatibility of Cast and Annealed Ti ₂₅ Nb ₁₀ Zr Alloy. Metals, 2017, 7, 86.	1.0	12
9	Discharge runaway in high power impulse magnetron sputtering of carbon: the effect of gas pressure, composition and target peak voltage. Journal Physics D: Applied Physics, 2018, 51, 165201.	1.3	12
10	Spin Coating Immobilisation of C-N-TiO ₂ Co-Doped Nano Catalyst on Glass and Application for Photocatalysis or as Electron Transporting Layer for Perovskite Solar Cells. Coatings, 2020, 10, 1029.	1.2	12
11	High power impulse magnetron sputtering of diamond-like carbon coatings. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 2020, 38, .	0.9	12
12	Deposition temperature effect on sputtered hydroxyapatite coatings prepared on AZ31B alloy substrate. Ceramics International, 2022, 48, 10486-10497.	2.3	12
13	First Analytical Study on Second-Century Wall Paintings from Ulpia Traiana Sarmizegetusa: Insights on the Materials and Painting Technique. International Journal of Architectural Heritage, 2020, 14, 751-761.	1.7	9
14	A Strategy for Alleviating Micro Arcing during HiPIMS Deposition of DLC Coatings. Materials, 2020, 13, 1038.	1.3	6
15	Implant Surfaces Containing Bioglasses and Ciprofloxacin as Platforms for Bone Repair and Improved Resistance to Microbial Colonization. Pharmaceutics, 2022, 14, 1175.	2.0	6
16	Thin Films Deposition of Ta ₂ O ₅ and ZnO by E-Gun Technology on Co-Cr Alloy Manufactured by Direct Metal Laser Sintering. Materials, 2021, 14, 3666.	1.3	5
17	Anticorrosion Coated Stainless Steel as Durable Support for C-N-TiO ₂ Photo Catalyst Layer. Materials, 2020, 13, 4426.	1.3	4
18	Surface Enhanced Raman Scattering in surgery and forensics. , 2016, , .		3

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19	Degradation of Sulfamethoxazole by Double Cylindrical Dielectric Barrier Discharge System combined with Ti /C-N-TiO ₂ supported Nanocatalyst. Journal of Hazardous Materials Advances, 2022, 5, 100051.	1.2	3