

Anca Parau

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4627325/publications.pdf>

Version: 2024-02-01

19
papers

245
citations

840119

11
h-index

996533

15
g-index

19
all docs

19
docs citations

19
times ranked

357
citing authors

#	ARTICLE	IF	CITATIONS
1	Degradation of Sulfamethoxazole by Double Cylindrical Dielectric Barrier Discharge System combined with Ti /C-N-TiO ₂ supported Nanocatalyst. <i>Journal of Hazardous Materials Advances</i> , 2022, 5, 100051.	1.2	3
2	Deposition temperature effect on sputtered hydroxyapatite coatings prepared on AZ31B alloy substrate. <i>Ceramics International</i> , 2022, 48, 10486-10497.	2.3	12
3	Implant Surfaces Containing Bioglasses and Ciprofloxacin as Platforms for Bone Repair and Improved Resistance to Microbial Colonization. <i>Pharmaceutics</i> , 2022, 14, 1175.	2.0	6
4	Thin Films Deposition of Ta ₂ O ₅ and ZnO by E-Gun Technology on Co-Cr Alloy Manufactured by Direct Metal Laser Sintering. <i>Materials</i> , 2021, 14, 3666.	1.3	5
5	First Analytical Study on Second-Century Wall Paintings from Ulpia Traiana Sarmizegetusa: Insights on the Materials and Painting Technique. <i>International Journal of Architectural Heritage</i> , 2020, 14, 751-761.	1.7	9
6	Characterization of electron beam deposited Nb ₂ O ₅ coatings for biomedical applications. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2020, 103, 103582.	1.5	22
7	Anticorrosion Coated Stainless Steel as Durable Support for C-N-TiO ₂ Photo Catalyst Layer. <i>Materials</i> , 2020, 13, 4426.	1.3	4
8	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. <i>Coatings</i> , 2020, 10, 1029.	1.2	12
9	High power impulse magnetron sputtering of diamond-like carbon coatings. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 2020, 38, .	0.9	12
10	A Strategy for Alleviating Micro Arcing during HiPIMS Deposition of DLC Coatings. <i>Materials</i> , 2020, 13, 1038.	1.3	6
11	In Vitro Activity Assays of Sputtered HAp Coatings with SiC Addition in Various Simulated Biological Fluids. <i>Coatings</i> , 2019, 9, 389.	1.2	21
12	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. <i>Ceramics International</i> , 2019, 45, 1710-1723.	2.3	17
13	Discharge runaway in high power impulse magnetron sputtering of carbon: the effect of gas pressure, composition and target peak voltage. <i>Journal Physics D: Applied Physics</i> , 2018, 51, 165201.	1.3	12
14	Enhancement of the Corrosion Resistance of 304 Stainless Steel by Cr ⁶⁺ N and Cr(N,O) Coatings. <i>Coatings</i> , 2018, 8, 132.	1.2	35
15	Block Copolymer Elastomer with Graphite Filler: Effect of Processing Conditions and Silane Coupling Agent on the Composite Properties. <i>Polymers</i> , 2018, 10, 46.	2.0	15
16	Mechanical, In Vitro Corrosion Resistance and Biological Compatibility of Cast and Annealed Ti ₂₅ Nb ₁₀ Zr Alloy. <i>Metals</i> , 2017, 7, 86.	1.0	12
17	Surface Enhanced Raman Scattering in surgery and forensics. , 2016, , .		3
18	Effect of SiC interlayer between Ti6Al4V alloy and hydroxyapatite films. <i>Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine</i> , 2015, 229, 307-318.	1.0	13

#	ARTICLE	IF	CITATIONS
19	Corrosion resistance, mechanical properties and biocompatibility of Hf-containing ZrCN coatings. Thin Solid Films, 2013, 538, 48-55.	0.8	26