

Emmanuel Segura-Cardenas

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Spark Plasma Sintering of Aluminum-Based Powders Reinforced with Carbon Nanotubes: Investigation of Electrical Conductivity and Hardness Properties. <i>Materials</i> , 2021, 14, 373.	2.9	10
2	Enhancement of Electrical Conductivity of Aluminum-Based Nanocomposite Produced by Spark Plasma Sintering. <i>Nanomaterials</i> , 2021, 11, 1150.	4.1	5
3	Manufacture and mechanical properties of knee implants using SWCNTs/UHMWPE composites. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2021, 120, 104554.	3.1	37
4	Spark Plasma Sintering of Aluminum Nanocomposite Powders: Recent Strategy to Translate from Lab-Scale to Mass Production. <i>Nanomaterials</i> , 2021, 11, 3372.	4.1	1
5	Enrichment of solution-processable single-walled carbon nanotubes for flexible nanoelectronics. <i>Materials Research Express</i> , 2019, 6, 0850b4.	1.6	2
6	Design, fabrication, and characterization of polycaprolactone (PCL)-TiO ₂ -collagenase nanofiber mesh scaffolds by Forcespinning. <i>MRS Communications</i> , 2019, 9, 390-397.	1.8	7
7	Mechanical and structural studies on single point incremental forming of polypropylene-MWCNTs composite sheets. <i>Journal of Materials Processing Technology</i> , 2017, 242, 218-227.	6.3	33
8	Experimental Investigation of the Magnetorheological Behavior of PDMS Elastomer Reinforced with Iron Micro/Nanoparticles. <i>Polymers</i> , 2017, 9, 696.	4.5	34
9	Permeability Study of Austenitic Stainless Steel Surfaces Produced by Selective Laser Melting. <i>Metals</i> , 2017, 7, 521.	2.3	13
10	Resistance-Based Biosensor of Multi-Walled Carbon Nanotubes. <i>Journal of Immunoassay and Immunochemistry</i> , 2015, 36, 142-148.	1.1	4
11	Oxygen to carbon atoms ratio effect on the size, morphology and purity of functionalized carbon nanoshells by using alcohol mixtures as carbon source. <i>Carbon</i> , 2014, 76, 292-300.	10.3	9
12	Functionalized Spherical Carbon Nanostructure/Poly(vinylphenol) Composites for Application in Low Power Consumption Write-Once-Read-Many Times Memories. <i>Journal of Nanoscience and Nanotechnology</i> , 2013, 13, 5680-5686.	0.9	4
13	Effects of Varying the Content of Alcohol in the Reaction Mixture on the Graphitization of MWCNTs and Their Surface Functionalization. <i>Journal of Physical Chemistry C</i> , 2012, 116, 9783-9792.	3.1	18
14	Organic low voltage rewritable memory device based on PEDOT:PSS/f-MWCNTs thin film. <i>Organic Electronics</i> , 2012, 13, 2582-2588.	2.6	41
15	Nonvolatile write-once-read-many-times memory device with functionalized-nanoshells/PEDOT:PSS nanocomposites. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2011, 176, 462-466.	3.5	21
16	Infrared Photoluminescence of Composite Films Containing Quasi-Isolated Multiwalled Carbon Nanotubes and Carbon Nanoshells. <i>Journal of Nanoscience and Nanotechnology</i> , 2010, 10, 4352-4356.	0.9	3