

Fernando Juárez-López

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

72
citations

1937685
4
h-index

1588992
8
g-index

14
all docs

14
docs citations

14
times ranked

78
citing authors

#	ARTICLE	IF	CITATIONS
1	An ultra-low cost line follower robot as educational tool for teaching programming and circuit's foundations. <i>Computer Applications in Engineering Education</i> , 2019, 27, 288-302.	3.4	29
2	Free-radical scavenging activity properties of ZnO sub-micron particles: size effect and kinetics. <i>Journal of Materials Research and Technology</i> , 2021, 13, 1665-1675.	5.8	13
3	Mechanical dispersion of platinum particles and its effect on the microstructure of MCrAlY alloy prepared by SPS. <i>Powder Technology</i> , 2016, 291, 193-200.	4.2	8
4	Preparation of luminescent Eu-doped yttria-silicate coupons by spark plasma sintering: Reduction from Eu ³⁺ to Eu ²⁺ . <i>Journal of Luminescence</i> , 2019, 212, 106-115.	3.1	5
5	Luminescence Properties of Co-doped Eu ³⁺ , Bi ³⁺ Lu ₂ O ₃ /Polyvinylpyrrolidone Films. <i>Coatings</i> , 2018, 8, 434.	2.6	4
6	Sequential microcontroller-based control for a chemical vapor deposition process. <i>Journal of Applied Research and Technology</i> , 2017, 15, 593-598.	0.9	3
7	Thermal cyclic oxidation of NiCoCrAlYTa coatings manufactured by combustion flame spray. <i>Materials Today Communications</i> , 2020, 25, 101617.	1.9	3
8	A numerical analysis of a MOCVD process for the growth of GaN nanowires using GaCl ₃ and NH ₃ . <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2015, 12, 389-393.	0.8	2
9	Hot corrosion behaviour of 7YSZ+Gd ₂ O ₃ nano-composites in molten salts prepared by spark plasma sintering. <i>Corrosion Engineering Science and Technology</i> , 2017, 52, 236-243.	1.4	2
10	Corrosion of MCrAlY: Pt composites prepared by spark plasma sintering. <i>Corrosion Engineering Science and Technology</i> , 2018, 53, 539-548.	1.4	1
11	Sintering and hot corrosion of yttria silicate tablets in molten salts prepared by spark plasma sintering. <i>Anti-Corrosion Methods and Materials</i> , 2019, 66, 782-790.	1.5	1
12	Alumina layer using low-cost direct liquid injection metal organic chemical vapor deposition (DLI-MOCVD) on AISI 1018 steel. <i>Journal of Applied Research and Technology</i> , 2020, 18, .	0.9	1
13	Investigations into the Growth of GaN Nanowires by MOCVD Using Azidotrimethylsilane as Nitrogen Source. <i>Advanced Materials Research</i> , 2014, 875-877, 1483-1489.	0.3	0
14	Combustion flame spray of 7YSZ powders followed by corrosion in molten salts of the coating. <i>Journal of Asian Ceramic Societies</i> , 2021, 9, 617-628.	2.3	0