

Jorge H Quintero-Orozco

List of Publications by Year in descending order

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35
papers

244
citations

1163117

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996975

15
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35
all docs

35
docs citations

35
times ranked

221
citing authors

#	ARTICLE	IF	CITATIONS
1	Effective medium electrical response model of carbon nanotubes cement-based composites. <i>Construction and Building Materials</i> , 2022, 344, 128293.	7.2	8
2	Thermal treatment of (TiZr)N coatings on CO ₂ controlled atmosphere. <i>Surface and Interface Analysis</i> , 2021, 53, 14-20.	1.8	1
3	Synthesis of CdM (M = Se, O) micro and nanoparticles by pulsed laser ablation in water. <i>Surface and Interface Analysis</i> , 2021, 53, 550-558.	1.8	0
4	Relationship between CH ₄ /Ar ratio, stoichiometry, and mechanical properties of TaC _x coatings produced by reactive magnetron sputtering. <i>Applied Surface Science</i> , 2021, 559, 149879.	6.1	2
5	Influence of bilayers period on mechanical properties of TaN _x /TaC _x multilayers obtained by direct current magnetron sputtering. <i>Thin Solid Films</i> , 2021, 734, 138845.	1.8	0
6	Octahedral distortion and electronic properties of the antiperovskite oxide Ba ₃ SiO: First principles study. <i>Journal of Physics and Chemistry of Solids</i> , 2020, 136, 109126.	4.0	9
7	Time-Stability Dispersion of MWCNTs for the Improvement of Mechanical Properties of Portland Cement Specimens. <i>Materials</i> , 2020, 13, 4149.	2.9	6
8	Influence of Microstructure, Composition and Morphology on Tribological Performance of WTiN Coatings Obtained by DC Magnetron Sputtering at Various Working Pressures. <i>Journal of Materials Engineering and Performance</i> , 2020, 29, 5203-5213.	2.5	0
9	Current-Voltage Characteristics of a Self-Assembled DNA. <i>Revista Ingenierías Universidad De Medellín</i> , 2020, 19, 217-225.	0.2	0
10	Obtaining ZrN, ZrO, ZrC powder in a nitrogen atmosphere by means of a Ball Mill. <i>Journal of Physics: Conference Series</i> , 2019, 1247, 012040.	0.4	1
11	Comparison of Bi ₂ S ₃ and Ta ₂ O ₅ as alternative materials to gold in nanoparticles used as agents to increase the dose in radiotherapy. <i>Journal of Physics: Conference Series</i> , 2019, 1247, 012050.	0.4	1
12	Carbonation study in a cement matrix with carbon nanotubes. <i>Journal of Physics: Conference Series</i> , 2019, 1247, 012024.	0.4	8
13	Search for ferroelectricity in fluoroperovskites: comparison between LiNiF ₃ and NaNiF ₃ . <i>Journal of Physics: Conference Series</i> , 2019, 1247, 012045.	0.4	1
14	Testing industrial laboratory dispersion method of Multi-Walled Carbon Nanotubes (MWCNTs) in aqueous medium. <i>Journal of Physics: Conference Series</i> , 2019, 1247, 012011.	0.4	2
15	Hybrid-improper ferroelectric behavior in Ba ₃ SiO/Ba ₃ GeO oxide antiperovskite superlattices. <i>European Physical Journal B</i> , 2019, 92, 1.	1.5	5
16	N _{1s} narrow spectrum study in AuN thin films. <i>Journal of Physics: Conference Series</i> , 2019, 1159, 012010.	0.4	0
17	Ruthenium thin film under methanation atmosphere analyzed by x-ray photoelectron spectroscopy. <i>Surface Science Spectra</i> , 2019, 26, 024012.	1.3	0
18	TiZrN thin films under CO ₂ and thermal treatment characterized by x-ray photoelectron spectroscopy. <i>Surface Science Spectra</i> , 2019, 26, 024013.	1.3	0

#	ARTICLE	IF	CITATIONS
19	Ablation energy, water volume and ablation time: Gold nanoparticles obtained through by pulsed laser ablation in liquid. Journal of Physics: Conference Series, 2019, 1386, 012062.	0.4	3
20	Influence of MWCNT/surfactant dispersions on the rheology of Portland cement pastes. Cement and Concrete Research, 2018, 107, 101-109.	11.0	67
21	Influence of deposition temperature on WTiN coatings tribological performance. Applied Surface Science, 2018, 427, 1096-1104.	6.1	22
22	Reinforcing Effect of Carbon Nanotubes/Surfactant Dispersions in Portland Cement Pastes. Advances in Civil Engineering, 2018, 2018, 1-9.	0.7	8
23	Plasma diagnostic and microstructural study of WCN coatings growth by pulsed vacuum arc discharge. Contributions To Plasma Physics, 2018, 58, 827-837.	1.1	1
24	Rocking curves of gold nitride species prepared by arc pulsed - physical assisted plasma vapor deposition. Surface and Coatings Technology, 2017, 309, 249-257.	4.8	18
25	Influence of nitrogen partial pressure on the microstructure and morphological properties of sputtered RuN coatings. Surface and Interface Analysis, 2017, 49, 978-984.	1.8	5
26	Au _{Nx} stabilization with interstitial nitrogen atoms: A Density Functional Theory Study. Journal of Physics: Conference Series, 2017, 850, 012002.	0.4	0
27	Influence of MWCNT/surfactant dispersions on the mechanical properties of Portland cement pastes. Journal of Physics: Conference Series, 2017, 935, 012014.	0.4	3
28	Obtaining Au thin films in atmosphere of reactive nitrogen through magnetron sputtering. Journal of Physics: Conference Series, 2016, 687, 012006.	0.4	0
29	AuN films - structure and chemical binding. Surface and Interface Analysis, 2015, 47, 701-705.	1.8	12
30	Differences between thin films deposition systems in the production transition metal nitride. Journal of Physics: Conference Series, 2013, 466, 012002.	0.4	7
31	Growth and characterization of AuN films through the pulsed arc technique. Materials Characterization, 2008, 59, 105-107.	4.4	22
32	Electrical properties of AuN thin films. Physica Scripta, 2008, T131, 014013.	2.5	10
33	Effects of the Substrate Temperature in AuN Thin Films by Means of X-Ray Diffraction. AIP Conference Proceedings, 2006, , .	0.4	11
34	Industrial Application of Thin Films (TiAl)N Deposited on Thermo-Wells. AIP Conference Proceedings, 2006, , .	0.4	1
35	The Distribution of Light Elements in Biological Cells Measured by Electron Probe X-Ray Microanalysis of Cryosections. Microscopy and Microanalysis, 2005, 11, 138-145.	0.4	10