

Ana Lilia Leal-cruz

List of Publications by Year in descending order

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18
papers

136
citations

1307543

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1199563

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18
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docs citations

18
times ranked

147
citing authors

#	ARTICLE	IF	CITATIONS
1	Pressure influence on structural and optical behaviors of ZnTe thin films grown by PLD. Journal of Materials Science: Materials in Electronics, 2018, 29, 7629-7636.	2.2	7
2	Optimization and synthesis approaches of semiconductor nanoparticles of crystalline CdSe using Taguchi method. Journal of Materials Science: Materials in Electronics, 2018, 29, 15801-15807.	2.2	1
3	Repulsive Function in Potential Field Based Control with Algorithm for Safer Avoidance. Journal of Intelligent and Robotic Systems: Theory and Applications, 2015, 80, 59-70.	3.4	4
4	Annealing effect on structural, morphological, and optical behaviors of CBD-CdS nanostructured films for solar cells. Optical Materials Express, 2014, 4, 2280.	3.0	12
5	Novel sea-urchin-like rutile microstructures synthesized by the thermal decomposition and oxidation of K ₂ TiF ₆ . Materials Letters, 2014, 121, 191-193.	2.6	7
6	An Approach for Optimal Goal Position Assignment in Vehicle Formations. Journal of Intelligent and Robotic Systems: Theory and Applications, 2014, 73, 665-677.	3.4	2
7	Effect of substrate roughness, time and temperature on the processing of iron boride coatings: experimental and statistical approaches. International Journal of Surface Science and Engineering, 2014, 8, 71.	0.4	22
8	Transmission system for distribution of video over long-haul optical point-to-point links using a microwave photonic filter in the frequency range of 0.01–10GHz. Optical Fiber Technology, 2013, 19, 665-670.	2.7	9
9	Lightweight and Thermal Blocks From Zeolites as Aggregated. Mineral Processing and Extractive Metallurgy Review, 2013, 34, 1-9.	5.0	2
10	Biosorptive Behavior of Aerobic Biomass Biofilm Supported on Clinoptilolite Zeolite for the Removal of Copper. Mineral Processing and Extractive Metallurgy Review, 2013, 34, 422-428.	5.0	5
11	Synthesis of (1±- and 1 ² -)Si ₃ N ₄ /Si ₂ N ₂ O into silicon particulate porous preforms by hybrid system CVI and direct nitridation. Journal of the European Ceramic Society, 2012, 32, 175-184.	5.7	11
12	Selective synthesis and characterization of HYSYCVD-Si ₂ N ₂ O. Materials Chemistry and Physics, 2009, 114, 376-381.	4.0	6
13	Copper bioaccumulation in an upflow anaerobic sludge blanket reactor. Chemical Speciation and Bioavailability, 2009, 21, 161-164.	2.0	1
14	Synthesis of Si ₃ N ₄ from Na ₂ SiF ₆ as a Solid Precursor: Microstructural Evolution. Materials Science Forum, 2007, 560, 109-114.	0.3	2
15	Synthesis of Si ₃ N ₄ from Na ₂ SiF ₆ as a Solid Precursor: Thermodynamic Study. Materials Science Forum, 2007, 560, 11-16.	0.3	0
16	In situ synthesis of Si ₃ N ₄ in the Na ₂ SiF ₆ -N ₂ system via CVD: Kinetics and mechanism of solid-precursor decomposition. Solid State Ionics, 2007, 177, 3529-3536.	2.7	15
17	Effect of processing parameters on the deposition rate of Si ₃ N ₄ /Si ₂ N ₂ O by chemical vapor infiltration and the in situ thermal decomposition of Na ₂ SiF ₆ . Applied Physics A: Materials Science and Processing, 2007, 89, 729-735.	2.3	11
18	In situ synthesis of Si ₃ N ₄ from Na ₂ SiF ₆ as a silicon solid precursor. Materials Chemistry and Physics, 2006, 98, 27-33.	4.0	19