Guillermo Cesar Mondragon Rodriguez

List of Publications by Year in descending order

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GUILLERMO CESAR

#	Article	IF	CITATIONS
1	Microstructural analysis after furnace cyclic testing of pre-oxidized ReneN5/(Ni,Pt)Al/7YSZ thermal barrier coatings. Surface and Coatings Technology, 2020, 403, 126376.	4.8	6
2	Surface modification and tribological behavior of plasma nitrided Inconel 718 manufactured via direct melting laser sintering method. Surface and Coatings Technology, 2020, 387, 125526.	4.8	15
3	Experimental-numerical failure analysis of the c-Al0.66Ti0.34N-M2 steel system applying instrumented indentation and extended finite element method. Surface and Coatings Technology, 2020, 393, 125845.	4.8	7
4	The Accelerating Effect of <scp>CaSO</scp> ₄ Within <scp>CMAS</scp> (<scp>CaO</scp> – <scp>MgO</scp> – <scp>Al</scp> ₂ <scp>O</scp> ₃ – <scp>Si and Its Effect on the Infiltration Behavior in <scp>EB</scp>â€<scp>PVD</scp> 7<scp>YSZ</scp>. Journal of the American Ceramic Society, 2016, 99, 1398-1403.</scp>	O ₃ /scp><	sub>2
5	Integrated Performance Monitoring of Threeâ€Way Catalytic Converters by Selfâ€Regenerative and Adaptive Highâ€Temperature Catalyst and Sensors. Advanced Engineering Materials, 2016, 18, 728-738.	3.5	9
6	H2-Production on New BaTi(1â^'x)RhxO3 Catalyst via the Steam Reforming of CH4 for H2-SCR Applications. Topics in Catalysis, 2013, 56, 397-404.	2.8	2
7	Improvement of gas sensing performance of TiO2 towards NO2 by nano-tubular structuring. Sensors and Actuators B: Chemical, 2012, 169, 151-160.	7.8	53
8	Pd-Integrated Perovskite as Effective Catalyst for Selective Catalytic Reduction of NOx by Propene. Topics in Catalysis, 2009, 52, 1723-1727.	2.8	15
9	An integrated solution for NO _x â€reduction and â€control under leanâ€burn conditions. Materialwissenschaft Und Werkstofftechnik, 2007, 38, 725-733.	0.9	1