



Lista articolelor ştiinţifice relevante, publicate

Nr. crt.	Titlul articolului	Autori	Anul apariţiei	Revista	SRI / FI
1	Thermal expansion in FeCrCoNiGa high-entropy alloy from theory and experiment WOS:000403678300010	S. Huang, Á. Vida, W. Li, D. Molnár, S. K. Kwon, E. Holmström, B. Varga, L. K. Varga, L. Vitos	2017	Applied Physics Letters	2.292/ 3.411
2	Enhanced properties of tungsten thin films deposited with a novel HiPIMS approach WOS:000410609000022	I. L. Velicu, V. Tiron, C. Porosnicu, I. Burducea, N. Lupu, G. Stoian, Gh. Popa, D. Munteanu	2017	Applied Surface Science	1.685/ 3.387
3	Structural and luminescence properties of yellow phosphors prepared by a modified sol-gel method WOS:000412602400050	V. Țucureanu, A. Matei, A. Avram, M. C. Popescu, I. Mihalache, M. Avram, C. V. Mărculescu, B. C. Țîncu, M. Volmer, D. Munteanu	2017	MRS Communications	2.023/ 3.01
4	Mechanical and wear characteristics of a-C:H/Cr/AlN/Ti multilayer films deposited by PVD/PACVD WOS:000402215000048	M. Pătru, C. Gabor, D. Cristea, G. Oncioiu, D. Munteanu	2017	Surface & Coatings Technology	1.499/ 2.59





5	An experimental study on nano-carbon films as an anti-wear protection for drilling tools WOS:000419197100021	C. Popescu, D. Cristea , B. Bită, R. Cristescu, D. Craciun, G. D. Chioibas, C. Luculescu, I. Paun, L. Duta, A. C. Popescu	2017	Coatings	1.241/ 2.175
6	Functional behaviour of TiO ₂ films doped with noble metals WOS:000377214900002	M. S. Rodrigues, J. Borges, C. Gabor , D. Munteanu , M. Apreutesei, P. Steyer, C. Lopes, P. Pedrosa, E. Alves, N. P. Barradas, L. Cunha, D. Martínez-Martínez, F. Vaz	2016	Surface Engineering	0.521/ 1.347
7	Experimental study of static and fatigue behavior of CFRP-Balsa sandwiches under three-point flexural loading WOS:000402883700032	S. M. Zaharia, C. O. Morariu, A. Nedelcu, M. A. Pop	2017	BioResources	1.694/ 1.321
8	Effect of different solutions on the handmade composite materials WOS:000400731900008	M. A. Pop , V. Geamăn , I. Radomir, T. Bedő , I. Miloșan , A. Semenescu, B. Florea, O. R. Chivu	2017	Revista de chimie	0.164/ 1.232
9	Capacity of energy absorption by flick through shock in cooper foams WOS:000405350900003	M. A. Pop , V. Geamăn , I. Radomir, T. Bedő	2017	Journal of Porous Media	0.444/ 1.144
10	Mechanical properties and fatigue performances on sandwich structures with CFRP skin and nomex honeycomb core WOS:000400629900016	S. M. Zaharia, M. A. Pop , A. Semenescu, B. Florea, O. R. Chivu	2017	Materiale plastice	0.125/ 0.778