

Consolidation/synthesis of materials by electric current

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Process parameter optimization of pulsed electric current sintering of recycled WC-8Co powder. Estonian Journal of Engineering, 2009, 15, 255.	0.3	2
2	Determination of the residual stress depth profile of uniaxial compacted ruthenium powder samples by X-ray diffraction. International Journal of Refractory Metals and Hard Materials, 2009, 27, 1004-1008.	1.7	6
3	On the controversial formation of silver diboride: Processing of Ag+2B powders by spark plasma sintering. Physica C: Superconductivity and Its Applications, 2009, 469, 1991-1995.	0.6	5
4	Microstructure and Oxidation Resistance of Fe ₃ Al Coatings on Austenitic Stainless Steel by Spark Plasma Sintering. Plasma Processes and Polymers, 2009, 6, S941.	1.6	19
5	Pressure Effect on the Homogeneity of Spark Plasma Sintered Tungsten Carbide Powder. Journal of the American Ceramic Society, 2009, 92, 2418-2421.	1.9	36
6	Pt-modified Ni aluminides, MCrAlY-base multilayer coatings and TBC systems fabricated by Spark Plasma Sintering for the protection of Ni-base superalloys. Surface and Coatings Technology, 2009, 204, 771-778.	2.2	37
7	Energy efficiency during conventional and novel sintering processes: the case of TiAl ₂ O ₃ -TiC composites. Journal of Cleaner Production, 2009, 17, 877-882.	4.6	29
8	Processing Dense Hetero-Nanostructured Metallic Materials for Improved Strength/Ductility Balance through High Strain Deformation and Electrical Current Assisted Sintering (ECAS). Materials Science Forum, 0, 633-634, 559-567.	0.3	1
9	Microstructure and properties of spark plasma sintered Fe-Cr-Mo-Y-B-C bulk metallic glass. Journal of Non-Crystalline Solids, 2009, 355, 2179-2182.	1.5	51
10	Consolidation via spark plasma sintering of HfB ₂ /SiC and HfB ₂ /HfC/SiC composite powders obtained by self-propagating high-temperature synthesis. Journal of Alloys and Compounds, 2009, 478, 572-578.	2.8	77
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13	Effect of starting powders on the sintering of nanostructured ZrO ₂ ceramics by colloidal processing. Science and Technology of Advanced Materials, 2009, 10, 025004.	2.8	30
14	Effect of grain size on electrical properties of scandia-stabilized zirconia. Journal of the Ceramic Society of Japan, 2010, 118, 1038-1043.	0.5	9
15	Microstructure and properties of ZrB ₂ -SiC and HfB ₂ -SiC composites fabricated by spark plasma sintering (SPS) using TaSi ₂ as sintering aid. Journal of the Ceramic Society of Japan, 2010, 118, 997-1001.	0.5	31
16	Intelligent Nanosintering for Ceramics. Funtai Oyobi Fummatu Yakin/Journal of the Japan Society of Powder and Powder Metallurgy, 2010, 57, 769-778.	0.1	2
17	Mechanical properties of bulk aluminium consolidated from mechanically milled particles by back pressure equal channel angular pressing. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2010, 527, 6533-6536.	2.6	30
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20	Dislocation Configurations in Nanocrystalline FeMo Sintered Components. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2010, 41, 1196-1201.	1.1	9
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