

Lista de lucrări ISI

(publicate între 2014-2020)

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2. Li Xiang, Pan Dong, Xiang Zhen, Lu Wei, **Batalu Dan**. Microstructure and magnetic properties of Mn₅₅Bi₄₅ powders obtained by different ball milling processes. Metals, 2019, vol. 9, no. 4, 9 p (WOS: 000467637000058, IF 2018 = 2.259, **Q1**).
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4. Gozzelino Laura, Gerbaldo Roberto, Ghigo Gianluca, Laviano Francesco, Torsello Daniele, Bonino Valentina, Truccato Marco, **Batalu Dan**, Grigoroșcuta Mihai A, Burdusel Mihail, Aldica Gheorghe, Badica Petre. *Passive magnetic shielding by machinable MgB₂ bulks: measurements and numerical simulations*, SUPERCONDUCTOR SCIENCE & TECHNOLOGY, 2019, vol. 32, no. 3, #034004 (WOS: 000458129500002, IF 2018 = 2.489, **Q2**).
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6. P. Badica, **D. Batalu**, M. Burdusel, M.A. Grigoroșcuta, G.V. Aldica, M. Enculescu, R.A. Gabor, Z.Y. Wang, R.X. Huang, P.F. Li. *Compressive properties of pristine and SiC-Te-added MgB₂ powders, green compacts and spark-plasma-sintered bulks*, CERAMICS INTERNATIONAL, 2018, vol. 44, issue 9, pp. 10181-10191: WOS:000431470200021 (IF 2018 = 3,45, **Q1**).
7. Miculescu F, Maidaniuc A, Miculescu M, **Batalu ND**, Ciocoiu RC, Voicu SI, Stan GE, Thakur VK. *Synthesis and Characterization of Jellified Composites from Bovine Bone-Derived Hydroxyapatite and Starch as Precursors for Robocasting*. ACS OMEGA, 2018, vol. 3, issue 1, pp. 1338-1349: WOS:000427933200143 (IF 2018 = 2,986, **Q2**).
8. Miculescu F., Mocanu A.C., Dascalu C.A., Maidaniuc A., **Batalu D.**, Berbecaru A., Voicu S.J., Miculescu M., Thakur V.K., Ciocan L.T. *Facile synthesis and characterization of hydroxyapatite particles for high value nanocomposites and biomaterials*. VACUUM, vol. 146, 2017, pp. 614-622: WOS:000416184600080 (FI 2018 = 2,515, **Q2**).
9. Solodky I, Bogomol I, Loboda P, **Batalu D**, Vlaicu AM, Badica P. *Floating zone partial re-melting of B₄C infiltrated with molten Si*. Ceramics International, vol. 43, nr. 17, 2017, p. 14718-14725: WOS:000413175300022 (FI 2018 = 3,45, **Q1**).

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Conf.dr.ing. BATALU Nicolae Dan

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