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Transition from High-Entropy to Conventional Alloys: Which Are Better?		Babić, Emil; Drobac, Đuro; Figueroa, Ignacio Alejandro; Laurent-Brocq, Mathilde; Marohnić, Željko; Mikšić Trontl, Vesna; Pajić, Damir; Perrière, Loïc; Pervan, Petar; Remenyi, Gyorgy; Ristić, Ramir; Salčinović Fetić, Amra; Starešinić, Damir; Zadro, Krešo	
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Analysis of the fragility of the Zr77Ni23 metallic glass based on low-temperature heat capacity measurements		Salčinović Fetić, Amra; Remenyi, Georgy; Starešinić, Damir; Kuršumović, Ahmed; Babić, Emil; Sulejmanović, Suada; Biljaković, Katica	
Size distribution of FeNiB nanoparticles		Lackner, P.; Pajić, Damir; Reissner, Michael; Novosel, Nikolina; Zadro, Krešo; Stoger-Pollach, M.; Babić, Emil	
Magnetska svojstva odabranih nanočestica i njihov utjecaj na supravodljivost magnezijeva diborida		Novosel, Nikolina	
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Correlation Between Electronic Structure, Mechanical Properties and Stability of TE-TL Metallic Glasses		Ristić, Ramir; Babić, Emil; Stubičar, Mirko; Kuršumović, Ahmed	
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The origin of the surface field enhanced coercive field in nanophase Fe _{73.5} Cu ₁ Nb ₃ Si _{15.5} B ₇ ribbon		Sabolek, Stjepan; Babić, Emil; Kušević, Ivica; Šušak, Marko; Posedel, Dario; Stanić, Denis	
Properties and atomic structure of amorphous zirconium		Ristić, Ramir; Babić, Emil	

Vortex pinning and critical currents in nanostructured novel superconductors		Kušević, Ivica; Babić, Emil	
Magnetic properties of Zr-3d glassy alloys		Ristić, Ramir; Marohnić, Željko; Babić, Emil	
Critical currents and vortex pinning in 235U doped Ag/Bi2223 tapes		Babić, Emil; Kušević, Ivica; Marinaro, Damien; Dou, Shi Xue	
Enhancement of flux pinning in neutron irradiated MgB2 superconductor		Babić, Emil; Miljanić, Đuro; Zadro, Krešo; Kušević, Ivica; Marohnić, Željko; Drobac, Đuro; Wang, X. L.; Dou, S. X.	
Irreversibility line of Bi2223/Ag tape in high magnetic fields		Kušević, Ivica; Babić, Emil; Cooper, John R.; Wang, Wei Guo; Liu, Hua Kun; Dou, Shi Xue	
Thermal influence on J _c -B-T surfaces of Ag-clad Bi-based superconducting tapes		Kušević, Ivica; Babić, Emil; Šimundić, Perica; Ivkov, Jovica; Marohnić, Željko; Liu, Hua Kun; Dou, Shi Xue	
Superconductivity in Bi 2223 compound: physics and potential applications		Babić, Emil; Kušević, Ivica; Zadro, Krešo; Ivkov, Jovica; Marohnić, Željko; Drobac, Đuro; Prester, Mladen; Liu, Hua Kun; Dou, Shi Xue; Todorović-Marinić, Dragana; Kuršumović, Ahmed	
Dissipation in a weak-link-limited superconductor as a problem of percolation theory		Prester, Mladen; Babić, Emil; Stubičar, Mirko; Nozar, P.	
Electronic and magnetic properties of ternary Zr ₂ (Ni _{1-x} Mx) ₁ glassy alloys		Ristić, Ramir; Babić, Emil	
Superconducting properties of an Ag-CLAD (BiPb) ₂ Sr ₂ Ca ₂ Cu ₃ O _{10+y} tape		Kušević, Ivica; Babić, Emil; Marohnić, Željko; Drobac, Đuro; Prester, Predrag; Liu, H. K.; Dou, S. X.	
The origin of the reduction of loss in current-carrying ferromagnets		Sabolek, Stjepan; Babić, Emil; Zadro, Krešo	
Possible superconducting state up to 210 K in the new composition of Y-Ba-Cu-O		Đurek, Danijel; Prester, Mladen; Knezović, Stipe; Drobac, Đuro; Milat, Ognjen; Babić, Emil; Brničević, Nevenka; Furić, Krešimir; Medunić, Zvonko; Vukelja, Tihomir	
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