BabiÄ Emil

List of Publications by Year
in descending order

12	105	1307594 7	1281871 11
papers	citations	h-index	g-index

12	12	12	42
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Transition from High-Entropy to Conventional Alloys: Which Are Better?. Materials, 2021, 14, 5824.	2.9	7
2	Transition from high-entropy to conventional (TiZrNbCu)1âˆ’xCox metallic glasses. Journal of Applied Physics, 2021, 130, 195102.	2.5	6
3	Change of electronic properties on transition from high-entropy to Ni-rich (TiZrNbCu)<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.svg"><mml:msub><mml:mrow /><mml:mrow><mml:mn>1</mml:mn><mml:mo>â^’</mml:mo><mml:mi>x</mml:mi></mml:mrow></mml:msub></mml:math>Ni alloys. Journal of Non-Crystalline Solids, 2020, 531, 119865.	3.1	4
4	Transition from high-entropy to Cu-based (TiZrNbNi)1âˆ’xCux metallic glasses. Journal of Applied Physics, 2019, 126, 154105.	2.5	6
5	Properties of (TiZrNbCu)1-xNix metallic glasses. Journal of Alloys and Compounds, 2018, 745, 455-459.	5.5	8
6	Structure property relationship in (TiZrNbCu)_{1âˆ’x}Ni_x metallic glasses. Journal of Materials Research, 2018, 33, 3170-3183.	2.6	7
7	Electronic structure and properties of (TiZrNbCu)1-xNix high entropy amorphous alloys. Journal of Alloys and Compounds, 2017, 695, 2661-2668.	5.5	17
8	On the origin of bulk glass forming ability in Cu-Hf, Zr alloys. Europhysics Letters, 2016, 114, 17006.	2.0	9
9	Effects of Surface Abrasion on Magnetization of VITROVAC 6025Z Ribbons. IEEE Transactions on Magnetics, 2008, 44, 2095-2099.	2.1	0
10	Enhanced superconductivity in Hf-base metallic glasses. Journal of Physics Condensed Matter, 2008, 20, 425215.	1.8	11
11	Magnetic susceptibility and atomic structure of paramagnetic Zrâ€“(Co,Ni,Cu) amorphous alloys. Journal of Non-Crystalline Solids, 2007, 353, 3108-3112.	3.1	16
12	Thermodynamic properties and atomic structure of amorphous zirconium. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2007, 449-451, 569-572.	5.6	14