

Pavel Broz

List of Publications by Year in descending order

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19
papers

208
citations

1307594

7
h-index

1058476

14
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20
all docs

20
docs citations

20
times ranked

210
citing authors

#	ARTICLE	IF	CITATIONS
1	On the constitution and thermodynamic modeling of the phase diagrams Nb-Mn and Ta-Mn. Journal of Alloys and Compounds, 2021, 865, 158715.	5.5	4
2	Study of thermal stability of n-type skutterudites Sr _{0.07} Ba _{0.07} Yb _{0.07} Co ₄ Sb ₁₂ by differential thermal analysis and Knudsen effusion method. Calphad: Computer Coupling of Phase Diagrams and Thermochemistry, 2021, 73, 102258.	1.6	2
3	On thermal stability of nanocrystalline Ag-Cu-S powders. Journal of Nanoparticle Research, 2021, 23, 1.	1.9	3
4	Study of thermal stability of half-Heusler alloys TiFe _{1.33} Sb and Ti _x Nb _{1-x} FeSb (x = 0, 0.15) by differential thermal analysis and Knudsen effusion method. Calphad: Computer Coupling of Phase Diagrams and Thermochemistry, 2021, 74, 102292.	1.6	4
5	Experimental study and thermodynamic re-assessment of the Co-Sb system. Calphad: Computer Coupling of Phase Diagrams and Thermochemistry, 2020, 68, 101694.	1.6	3
6	Study of thermal stability of p-type skutterudites DD _{0.7} Fe ₃ CoSb ₁₂ by Knudsen effusion mass spectrometry. RSC Advances, 2019, 9, 21451-21459.	3.6	5
7	Thermal analysis and Knudsen effusion mass spectrometry combined in a specially-adapted commercial skimmer coupled instrument (Netzsch). Calphad: Computer Coupling of Phase Diagrams and Thermochemistry, 2019, 65, 86-92.	1.6	9
8	Study of surface effects and catalytic properties of selected Ni-based bimetallic nanoparticles by Knudsen effusion mass spectrometry. Calphad: Computer Coupling of Phase Diagrams and Thermochemistry, 2019, 64, 334-341.	1.6	8
9	Study of thermal stability of CoSb ₃ skutterudite by Knudsen effusion mass spectrometry. Calphad: Computer Coupling of Phase Diagrams and Thermochemistry, 2019, 65, 1-7.	1.6	18
10	Heat-induced spinodal decomposition of Ag-Cu nanoparticles. Physical Chemistry Chemical Physics, 2015, 17, 28277-28285.	2.8	26
11	Temperature stability of AgCu nanoparticles. Journal of Nanoparticle Research, 2015, 17, 1.	1.9	9
12	The system Ce-Zn-Si for <33.3 at.% Ce: phase relations, crystal structures and physical properties. RSC Advances, 2015, 5, 36480-36497.	3.6	3
13	Cu-Ni nanoalloy phase diagram – Prediction and experiment. Calphad: Computer Coupling of Phase Diagrams and Thermochemistry, 2014, 45, 33-39.	1.6	76
14	Combination of Thermal Analysis and Knudsen Effusion Mass Spectrometry for Study of Metal Materials on Macro- and Nano-Scale. ECS Transactions, 2013, 46, 69-76.	0.5	6
15	Phase Equilibria in the Ni-Al-W System at 900°C. Monatshefte für Chemie, 2005, 136, 1915-1920.	1.8	5
16	Title is missing!. Transition Metal Chemistry, 2000, 25, 265-269.	1.4	17
17	Determination of Polychlorinated Biphenyls by Means of Electrochemical Methods. Electroanalysis, 1999, 11, 978-983.	2.9	1
18	Thermodynamic analysis of the $\hat{\nu}$ ferrite in the systems Fe-Cr-N and Fe-Cr-Mn-N. Steel Research = Archiv für Das Eisenhüttenwesen, 1996, 67, 279-284.	0.3	3

#	ARTICLE	IF	CITATIONS
19	Computer-Aided Thermodynamics of Solid Ternary Fe _{1-x} (Ni _{0.86} Cr _{0.14}) _x Alloys by Knudsen Cell Mass Spectrometry. Zeitschrift Fur Elektrotechnik Und Elektrochemie, 1995, 99, 802-806.	0.9	5