

Ondrej Benes

List of Publications by Year in descending order

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9
papers

330
citations

1163117

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1474206

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g-index

9
all docs

9
docs citations

9
times ranked

333
citing authors

#	ARTICLE	IF	CITATIONS
1	Predicting material release during a nuclear reactor accident. <i>Nature Materials</i> , 2015, 14, 247-252.	27.5	94
2	A DSC study of the NaNO ₃ -KNO ₃ system using an innovative encapsulation technique. <i>Thermochimica Acta</i> , 2010, 509, 62-66.	2.7	72
3	Thermodynamic investigation of the LiF-ThF ₄ system. <i>Journal of Chemical Thermodynamics</i> , 2013, 58, 110-116.	2.0	46
4	Thermodynamic assessment of the LiF-ThF ₄ -PuF ₃ -UF ₄ system. <i>Journal of Nuclear Materials</i> , 2015, 462, 43-53.	2.7	34
5	Synthesis of UF ₄ and ThF ₄ by HF gas fluorination and re-determination of the UF ₄ melting point. <i>Journal of Fluorine Chemistry</i> , 2017, 200, 33-40.	1.7	32
6	Thermodynamics of soluble fission products cesium and iodine in the Molten Salt Reactor. <i>Journal of Nuclear Materials</i> , 2018, 501, 238-252.	2.7	20
7	Determination of the thermodynamic activities of LiF and ThF ₄ in the Li _x Th _{1-x} F ₄ liquid solution by Knudsen effusion mass spectrometry. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 30110-30118.	2.8	16
8	Thermodynamic determination and assessment of the CsF-ThF ₄ system. <i>Journal of Chemical Thermodynamics</i> , 2017, 114, 71-82.	2.0	8
9	Cesium and iodine release from fluoride-based molten salt reactor fuel. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 9512-9523.	2.8	8