

Alena V Novoselova

List of Publications by Year in descending order

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papers

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citations

840776

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docs citations

31
times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Thermodynamic properties of uranium in gallium–aluminium based alloys. <i>Journal of Nuclear Materials</i> , 2015, 465, 153-160.	2.7	28
2	Thermodynamic properties of La–Ga–Al and U–Ga–Al alloys and the separation factor of U/La couple in the molten salt–liquid metal system. <i>Journal of Nuclear Materials</i> , 2015, 466, 373-378.	2.7	28
3	The influence of the temperature and Ga-In alloy composition on the separation of uranium from neodymium in molten Ga-In/3LiCl-2KCl system during the recycling of high-level waste. <i>Journal of Nuclear Materials</i> , 2018, 509, 313-317.	2.7	19
4	The effect of Al concentration on thermodynamic properties of Nd and U in Ga–Al-based alloys and the separation factor of Nd/U couple in a molten salt-liquid metal system. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2017, 311, 687-693.	1.5	18
5	Thermodynamic properties of ternary Me-Ga-In (Me = La, U) alloys in a fused Ga-In/LiCl-KCl system. <i>Journal of Chemical Thermodynamics</i> , 2019, 130, 228-234.	2.0	18
6	Electrochemical and thermodynamic properties of ytterbium trichloride in molten caesium chloride. <i>Journal of Nuclear Materials</i> , 2009, 385, 184-185.	2.7	17
7	Thermodynamics of La and U and the separation factor of U/La in fused Me(Ga-40Åwt.% In)/3LiCl-2KCl system. <i>Journal of Nuclear Materials</i> , 2017, 495, 285-290.	2.7	17
8	Electrochemical studies based on the extraction of Zr on Cu electrode in the LiCl-KCl molten salt. <i>Separation and Purification Technology</i> , 2021, 279, 119683.	7.9	16
9	The study of metallic uranium production by pyrochemical mix-conversion of U ₃ O ₈ . <i>Electrochimica Acta</i> , 2019, 318, 194-201.	5.2	15
10	Separation of Lanthanides and Actinides in a Chloride Melt - Liquid Metal System: The Effect of Phase Composition. <i>ECS Transactions</i> , 2016, 75, 397-408.	0.5	14
11	Study of the electrochemical behavior of U(III) ions on liquid Cd electrode and preparation of the U–Cd intermetallic compound in fused 3LiCl–2KCl eutectic. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2017, 311, 127-133.	1.5	14
12	Electrochemical Behavior of Dysprosium in Fused LiCl–KCl Eutectic at Solid Inert Mo and Liquid Active Ga Electrodes. <i>Journal of the Electrochemical Society</i> , 2020, 167, 112510.	2.9	11
13	Thermodynamics, Solubility and the Separation of Uranium from Cerium in Molten In/3LiCl-2KCl System. <i>Journal of the Electrochemical Society</i> , 2020, 167, 136506.	2.9	10
14	Speciation of dysprosium in molten LiCl–KCl–CsCl eutectic: An electrochemistry and spectroscopy study. <i>Journal of Electroanalytical Chemistry</i> , 2022, 904, 115955.	3.8	9
15	Redox Potentials of Samarium and Europium in Molten Lithium Chloride. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 2001, 56, 754-756.	1.5	8
16	Electrochemical study of reduction Ce(III) ions and production of high purity metallic cerium by electrorefining in fused LiCl-KCl eutectic. <i>Journal of Electroanalytical Chemistry</i> , 2020, 878, 114691.	3.8	8
17	Thermodynamic Characteristics of Samarium and Europium Chlorides in Molten Alkali Metal Chlorides. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 2001, 56, 837-840.	1.5	7
18	Solubility, Activity Coefficients and the Separation Factor of U/Pr Couple in Ga-In Alloys of Different Compositions in Fused LiCl-KCl-CsCl Eutectic. <i>Journal of the Electrochemical Society</i> , 2020, 167, 126518.	2.9	6

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19	Electrochemical extraction of uranium from U ₃ O ₈ by preparing flower-shaped Al-U intermetallics in LiCl-KCl-AlCl ₃ melts. Journal of Nuclear Materials, 2022, 565, 153735.	2.7	5
20	Thermodynamic properties of stable states cerium compounds in fused 3LiCl-2KCl eutectic. Journal of Chemical Thermodynamics, 2021, 152, 106260.	2.0	4
21	Electrochemical Separation of Uranium from Dysprosium in Molten Salt/Liquid Metal Extraction System. Journal of the Electrochemical Society, 2021, 168, 062505.	2.9	4
22	Electrode processes and electrochemical formation of Dy-Ga and Dy-Cd alloys in molten LiCl-KCl-CsCl eutectic. Journal of Electroanalytical Chemistry, 2022, 906, 116012.	3.8	4
23	Synthesis of ZIT composite material and immobilization of Nd ₂ O ₃ . Ceramics International, 2022, 48, 15541-15550.	4.8	4
24	Solubility and activity coefficients of uranium in bimetallic Ga-In and Ga-Al liquid alloys. Journal of Radioanalytical and Nuclear Chemistry, 2020, 326, 621-626.	1.5	3
25	The Electrochemical and Thermodynamic Properties of Dysprosium in Molten Alkali Metal Chlorides. Journal of the Electrochemical Society, 2021, 168, 062510.	2.9	3
26	Electroextraction of neodymium from LiCl-KCl melt using binary liquid Ga-Al cathode. Journal of Rare Earths, 2023, 41, 1250-1257.	4.8	3
27	Thermodynamics and Separation Factor of Uranium from Fission Products in Liquid Metal-Molten Salt System. , 0, , .		1
28	Electrochemistry of Tm(III) and Yb(III) in Molten Salts. , 0, , .		0
29	Use of Potentiometric Titration for the Study of Thermodynamic Properties of UCl ₄ and UO ₂ in Fused LiCl-KCl Eutectic. SSRN Electronic Journal, 0, , .	0.4	0
30	Thermodynamics and the Separation Factor of Dy/U Couple on Ga and Ga-Al Electrodes in Fused LiCl-KCl Eutectic. ECS Meeting Abstracts, 2021, MA2021-02, 761-761.	0.0	0
31	Study of the Electrochemical Behavior and Thermodynamic Properties of Lanthanum Compounds on Inert Mo and Liquid Ga Electrodes in Fused NaCl-2CsCl Eutectic. Journal of the Electrochemical Society, 0, , .	2.9	0