

# Valeri Smolenski

## List of Publications by Year in descending order

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Version: 2024-02-01

22  
papers

170  
citations

1163117

8  
h-index

1199594

12  
g-index

22  
all docs

22  
docs citations

22  
times ranked

47  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	Thermodynamics of La and U and the separation factor of U/La in fused Me(Ga-40wt.% In)/3LiCl-2KCl system. <i>Journal of Nuclear Materials</i> , 2017, 495, 285-290.	2.7	17
4	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
5	The study of metallic uranium production by pyrochemical mix-conversion of U <sub>3</sub> O <sub>8</sub> . <i>Electrochimica Acta</i> , 2019, 318, 194-201.	5.2	15
6	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
7	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
8	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
9	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
10	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
11	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
12	Electrochemical extraction of uranium from U <sub>3</sub> O <sub>8</sub> by preparing flower-shaped Al-U intermetallics in LiCl-KCl-AlCl <sub>3</sub> melts. <i>Journal of Nuclear Materials</i> , 2022, 565, 153735.	2.7	5
13	Electrochemical Separation of Uranium from Dysprosium in Molten Salt/Liquid Metal Extraction System. <i>Journal of the Electrochemical Society</i> , 2021, 168, 062505.	2.9	4
14	Electrode processes and electrochemical formation of Dy-Ga and Dy-Cd alloys in molten LiCl-KCl-CsCl eutectic. <i>Journal of Electroanalytical Chemistry</i> , 2022, 906, 116012.	3.8	4
15	Synthesis of ZIT composite material and immobilization of Nd <sub>2</sub> O <sub>3</sub> . <i>Ceramics International</i> , 2022, 48, 15541-15550.	4.8	4
16	Solubility and activity coefficients of uranium in bimetallic Ga-In and Ga-Al liquid alloys. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2020, 326, 621-626.	1.5	3
17	The Electrochemical and Thermodynamic Properties of Dysprosium in Molten Alkali Metal Chlorides. <i>Journal of the Electrochemical Society</i> , 2021, 168, 062510.	2.9	3
18	Electroextraction of neodymium from LiCl-KCl melt using binary liquid Ga-Al cathode. <i>Journal of Rare Earths</i> , 2023, 41, 1250-1257.	4.8	3

#	ARTICLE	IF	CITATIONS
19	Thermodynamic properties and the solubility of the oxide lanthanum compounds in fused 0.36NaCl-0.64CsCl eutectic. <i>Journal of Chemical Thermodynamics</i> , 2021, 163, 106583.	2.0	1
20	Use of Potentiometric Titration for the Study of Thermodynamic Properties of $UCl_4$ and $UO_2$ in Fused LiCl-KCl Eutectic. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
21	Thermodynamics and the Separation Factor of Dy/U Couple on Ga and Ga-Al Electrodes in Fused LiCl-KCl Eutectic. <i>ECS Meeting Abstracts</i> , 2021, MA2021-02, 761-761.	0.0	0
22	Study of the Electrochemical Behavior and Thermodynamic Properties of Lanthanum Compounds on Inert Mo and Liquid Ga Electrodes in Fused NaCl-2CsCl Eutectic. <i>Journal of the Electrochemical Society</i> , 0, , .	2.9	0