

# Valeri Smolenski

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6369236/publications.pdf>

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	Electroextraction of neodymium from LiCl-KCl melt using binary liquid Ga-Al cathode. Journal of Rare Earths, 2023, 41, 1250-1257.	4.8	3
2	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
3	Speciation of dysprosium in molten LiCl-KCl-CsCl eutectic: An electrochemistry and spectroscopy study. Journal of Electroanalytical Chemistry, 2022, 904, 115955.	3.8	9
4	Synthesis of Zr composite material and immobilization of Nd <sub>2</sub> O <sub>3</sub> . Ceramics International, 2022, 48, 15541-15550.	4.8	4
5	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. Journal of Nuclear Materials, 2022, 565, 153735.	2.7	5
6	Electrochemical Separation of Uranium from Dysprosium in Molten Salt/Liquid Metal Extraction System. Journal of the Electrochemical Society, 2021, 168, 062505.	2.9	4
7	The Electrochemical and Thermodynamic Properties of Dysprosium in Molten Alkali Metal Chlorides. Journal of the Electrochemical Society, 2021, 168, 062510.	2.9	3
8	Electrochemical studies based on the extraction of Zr on Cu electrode in the LiCl-KCl molten salt. Separation and Purification Technology, 2021, 279, 119683.	7.9	16
9	Thermodynamic properties and the solubility of the oxide lanthanum compounds in fused 0.36NaCl-0.64CsCl eutectic. Journal of Chemical Thermodynamics, 2021, 163, 106583.	2.0	1
10	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
11	Electrochemical study of reduction Ce(III) ions and production of high purity metallic cerium by electrorefining in fused LiCl-KCl eutectic. Journal of Electroanalytical Chemistry, 2020, 878, 114691.	3.8	8
12	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
13	Electrochemical Behavior of Dysprosium in Fused LiCl-KCl Eutectic at Solid Inert Mo and Liquid Active Ga Electrodes. Journal of the Electrochemical Society, 2020, 167, 112510.	2.9	11
14	Solubility, Activity Coefficients and the Separation Factor of U/Pr Couple in Ga-In Alloys of Different Compositions in Fused LiCl-KCl-CsCl Eutectic. Journal of the Electrochemical Society, 2020, 167, 126518.	2.9	6
15	Thermodynamics, Solubility and the Separation of Uranium from Cerium in Molten In/3LiCl-2KCl System. Journal of the Electrochemical Society, 2020, 167, 136506.	2.9	10
16	The study of metallic uranium production by pyrochemical mix-conversion of U <sub>3</sub> O <sub>8</sub> . Electrochimica Acta, 2019, 318, 194-201.	5.2	15
17	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. Journal of Nuclear Materials, 2018, 509, 313-317.	2.7	19
18	Thermodynamics of La and U and the separation factor of U/La in fused Me(Ga-40Åwt.% In)/3LiCl-2KCl system. Journal of Nuclear Materials, 2017, 495, 285-290.	2.7	17

#	ARTICLE	IF	CITATIONS
19	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. Journal of Radioanalytical and Nuclear Chemistry, 2017, 311, 687-693.	1.5	18
20	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. Journal of Radioanalytical and Nuclear Chemistry, 2017, 311, 127-133.	1.5	14
21	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
22	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