

Andrey V Isakov

List of Publications by Year in descending order

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papers

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citations

1307594

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27
docs citations

27
times ranked

110
citing authors

#	ARTICLE	IF	CITATIONS
1	Interaction between SiO ₂ and a KF-KCl-K ₂ SiF ₆ Melt. Journal of Physical Chemistry B, 2014, 118, 1584-1588.	2.6	43
2	Electrodeposition of Continuous Silicon Coatings from the KF-KCl-K ₂ SiF ₆ Melts. Journal of the Electrochemical Society, 2017, 164, H5135-H5138.	2.9	29
3	Electrodeposition of Thin Silicon Films from the KF-KCl-K ₂ SiF ₆ Melt. Journal of the Electrochemical Society, 2020, 167, 042506.	2.9	26
4	Electrochemical nucleation and growth of silicon in the KF-KCl-K ₂ SiF ₆ melt. Journal of Solid State Electrochemistry, 2015, 19, 1341-1345.	2.5	23
5	Silicon electrodeposition from chloride-fluoride melts containing K ₂ SiF ₆ and SiO ₂ . Journal of the Serbian Chemical Society, 2017, 82, 51-62.	0.8	15
6	Silica Solubility in Molten Fluoride-Chloride Electrolytes and Density of KF-KCl-K ₂ SiF ₆ -SiO ₂ Melts. Journal of Chemical & Engineering Data, 2013, 58, 932-937.	1.9	12
7	Electrical Conductivity of Molten Fluoride-Chloride Electrolytes Containing K ₂ SiF ₆ and SiO ₂ . Journal of Chemical & Engineering Data, 2011, 56, 4733-4735.	1.9	7
8	Electrodeposition of silicon onto copper substrate from KF-KCl-K ₂ SiF ₆ melt. Journal of Physics: Conference Series, 2018, 1134, 012021.	0.4	7
9	Liquidus Temperatures of KF-KCl-KI Melts. Russian Metallurgy (Metally), 2019, 2019, 830-834.	0.5	7
10	Neutron Transmutation Doping of Thin Silicon Films Electrodeposited from the KF-KCl-K ₂ SiF ₆ Melt. Journal of the Electrochemical Society, 2020, 167, 082515.	2.9	7
11	Electrodeposition of aluminum-doped thin silicon films from a KF-KCl-K ₂ SiF ₆ -AlF ₃ melt. Journal of the Serbian Chemical Society, 2021, 86, 1075-1087.	0.8	7
12	Computational modeling of electrolytic deposition of a single-layer silicon film on silver and graphite substrates. Applied Surface Science, 2021, 561, 149959.	6.1	7
13	Electrochemical obtaining of fine Si films in KF-KCl-KI-K ₂ SiF ₆ melts. Tsvetnye Metally, 2017, , 49-54.	0.2	7
14	Rhenium Electrowinning in the KF-KBF ₄ -B ₂ O ₃ -KReO ₄ Melt. Journal of the Electrochemical Society, 2018, 165, D427-D431.	2.9	6
15	Electrowinning and annealing of Ir-Re-Ir material. Tsvetnye Metally, 2017, , 55-60.	0.2	6
16	Liquidus Temperature and Electrical Conductivity of Molten Eutectic CsCl-NaCl-KCl Containing ReCl ₄ . Journal of Chemical & Engineering Data, 2019, 64, 567-573.	1.9	5
17	Liquidus Temperature and Electrical Conductivity of the KF-KCl-KI System Containing K ₂ SiF ₆ . Journal of Chemical & Engineering Data, 2020, 65, 2505-2511.	1.9	4
18	Electrodeposition of Niobium from the CsBr-KBr-NbBr ₃ Melt. Journal of the Electrochemical Society, 2021, 168, 072501.	2.9	4

#	ARTICLE	IF	CITATIONS
19	Electrochemical synthesis of an iridium powder with a large specific surface area. Russian Metallurgy (Metally), 2017, 2017, 106-110.	0.5	3
20	Electrochemical Nucleation and Growth of Rhenium on Glassy Carbon in the $\text{KF-KBF}_4\text{-B}_2\text{O}_3\text{-KReO}_4$ Melt. Journal of the Electrochemical Society, 2019, 166, D935-D939.	2.9	3
21	Rheological and thermal properties of the $\text{KF-KCl-K}_2\text{SiF}_6$ electrolyte for electrolytic production of silicon. Journal of Rheology, 2021, 65, 171-177.	2.6	3
22	DFT-based calculations of silicon complex structures in the $\text{KF-KCl-K}_2\text{SiF}_6$ and $\text{KF-KCl-K}_2\text{SiF}_6\text{-SiO}_2$ melts. Journal of the Serbian Chemical Society, 2019, 84, 1129-1142.	0.8	3
23	Formation of an Electrode Deposit under Galvanostatic Conditions. Russian Metallurgy (Metally), 2018, 2018, 763-766.	0.5	1
24	Calculations of silicon complexes in $\text{KF}\cdot\text{KCl}\cdot\text{K}_2\text{SiF}_6$ and $\text{KF}\cdot\text{KCl}\cdot\text{K}_2\text{SiF}_6\cdot\text{SiO}_2$ molten electrolytes. AIP Conference Proceedings, 2019, , .	0.4	1
25	Synthesis of Si-Y Coatings on Nb in Fluoride-Chloride Molten Salts. Journal of Physics: Conference Series, 2020, 1443, 012019.	0.4	1
26	Rhenium behavior in the $\text{KF-KBF}_4\text{-B}_2\text{O}_3\text{-KReO}_4$ melt. IOP Conference Series: Materials Science and Engineering, 2020, 734, 012024.	0.6	1
27	Synthesis of Tantalum Powders in $\text{KBr}\cdot\text{NaBr}$ and $\text{Kl}\cdot\text{NaI}$ Melts Using Electrochemical Pulverization. ChemistrySelect, 2020, 5, 11463-11466.	1.5	0