

# Andrey V Isakov

## List of Publications by Year in descending order

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27  
papers

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citations

1307594

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docs citations

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times ranked

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#	ARTICLE	IF	CITATIONS
1	Electrodeposition of aluminum-doped thin silicon films from a KF-KCl-KI-K <sub>2</sub> SiF <sub>6</sub> -AlF <sub>3</sub> melt. Journal of the Serbian Chemical Society, 2021, 86, 1075-1087.	0.8	7
2	Rheological and thermal properties of the KF-KCl-K <sub>2</sub> SiF <sub>6</sub> electrolyte for electrolytic production of silicon. Journal of Rheology, 2021, 65, 171-177.	2.6	3
3	Electrodeposition of Niobium from the CsBr-KBr-NbBr <sub>3</sub> Melt. Journal of the Electrochemical Society, 2021, 168, 072501.	2.9	4
4	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
5	Synthesis of Tantalum Powders in KBr-NaBr and KI-NaI Melts Using Electrochemical Pulverization. ChemistrySelect, 2020, 5, 11463-11466.	1.5	0
6	Neutron Transmutation Doping of Thin Silicon Films Electrodeposited from the KF-KCl-K <sub>2</sub> SiF <sub>6</sub> Melt. Journal of the Electrochemical Society, 2020, 167, 082515.	2.9	7
7	Electrodeposition of Thin Silicon Films from the KF-KCl-KI-K <sub>2</sub> SiF <sub>6</sub> Melt. Journal of the Electrochemical Society, 2020, 167, 042506.	2.9	26
8	Synthesis of Si-Y Coatings on Nb in Fluoride-Chloride Molten Salts. Journal of Physics: Conference Series, 2020, 1443, 012019.	0.4	1
9	Rhenium behavior in the KF-KBF <sub>4</sub> -B <sub>2</sub> O <sub>3</sub> -KReO <sub>4</sub> melt. IOP Conference Series: Materials Science and Engineering, 2020, 734, 012024.	0.6	1
10	Liquidus Temperature and Electrical Conductivity of the KF-KCl-KI System Containing K <sub>2</sub> SiF <sub>6</sub> . Journal of Chemical & Engineering Data, 2020, 65, 2505-2511.	1.9	4
11	Liquidus Temperatures of KF-KCl-KI Melts. Russian Metallurgy (Metally), 2019, 2019, 830-834.	0.5	7
12	Liquidus Temperature and Electrical Conductivity of Molten Eutectic CsCl-NaCl-KCl Containing ReCl <sub>4</sub> . Journal of Chemical & Engineering Data, 2019, 64, 567-573.	1.9	5
13	Calculations of silicon complexes in KF-KCl-KI-K <sub>2</sub> SiF <sub>6</sub> and KF-KCl-KI-K <sub>2</sub> SiF <sub>6</sub> -SiO <sub>2</sub> molten electrolytes. AIP Conference Proceedings, 2019, , .	0.4	1
14	Electrochemical Nucleation and Growth of Rhenium on Glassy Carbon in the KF-KBF <sub>4</sub> -B <sub>2</sub> O <sub>3</sub> -KReO <sub>4</sub> Melt. Journal of the Electrochemical Society, 2019, 166, D935-D939.	2.9	3
15	DFT-based calculations of silicon complex structures in the KF-KCl-K <sub>2</sub> SiF <sub>6</sub> and KF-KCl-K <sub>2</sub> SiF <sub>6</sub> -SiO <sub>2</sub> melts. Journal of the Serbian Chemical Society, 2019, 84, 1129-1142.	0.8	3
16	Formation of an Electrode Deposit under Galvanostatic Conditions. Russian Metallurgy (Metally), 2018, 2018, 763-766.	0.5	1
17	Electrodeposition of silicon onto copper substrate from KF-KCl-KI-K <sub>2</sub> SiF <sub>6</sub> melt. Journal of Physics: Conference Series, 2018, 1134, 012021.	0.4	7
18	Rhenium Electrowinning in the KF-KBF <sub>4</sub> -B <sub>2</sub> O <sub>3</sub> -KReO <sub>4</sub> Melt. Journal of the Electrochemical Society, 2018, 165, D427-D431.	2.9	6

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19	Electrodeposition of Continuous Silicon Coatings from the KF-KCl-K <sub>2</sub> SiF <sub>6</sub> Melts. Journal of the Electrochemical Society, 2017, 164, H5135-H5138.	2.9	29
20	Electrochemical synthesis of an iridium powder with a large specific surface area. Russian Metallurgy (Metally), 2017, 2017, 106-110.	0.5	3
21	Electrochemical obtaining of fine Si films in KF - KCl - KI - K <sub>2</sub> SiF <sub>6</sub> melts. Tsvetnye Metally, 2017, , 49-54.	0.2	7
22	Electrowinning and annealing of Ir - Re - Ir material. Tsvetnye Metally, 2017, , 55-60.	0.2	6
23	Silicon electrodeposition from chloride-fluoride melts containing K <sub>2</sub> SiF <sub>6</sub> and SiO <sub>2</sub> . Journal of the Serbian Chemical Society, 2017, 82, 51-62.	0.8	15
24	Electrochemical nucleation and growth of silicon in the KF-KCl-K <sub>2</sub> SiF <sub>6</sub> melt. Journal of Solid State Electrochemistry, 2015, 19, 1341-1345.	2.5	23
25	Interaction between SiO <sub>2</sub> and a KF-KCl-K <sub>2</sub> SiF <sub>6</sub> Melt. Journal of Physical Chemistry B, 2014, 118, 1584-1588.	2.6	43
26	Silica Solubility in Molten Fluoride-Chloride Electrolytes and Density of KF-KCl-K <sub>2</sub> SiF <sub>6</sub> -SiO <sub>2</sub> Melts. Journal of Chemical & Engineering Data, 2013, 58, 932-937.	1.9	12
27	Electrical Conductivity of Molten Fluoride-Chloride Electrolytes Containing K <sub>2</sub> SiF <sub>6</sub> and SiO <sub>2</sub> . Journal of Chemical & Engineering Data, 2011, 56, 4733-4735.	1.9	7