

Jianxun Song

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

520
citations

623734

14
h-index

713466

21
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31
all docs

31
docs citations

31
times ranked

194
citing authors

#	ARTICLE	IF	CITATIONS
1	Recovery and Reuse of Spent ITO Targets through Electrochemical Techniques. Journal of the Electrochemical Society, 2022, 169, 023507.	2.9	13
2	Sustainable recycling of titanium from TiO ₂ in spent SCR denitration catalyst via molten salt electrolysis. Journal of Energy Chemistry, 2021, 58, 557-563.	12.9	23
3	Novel extraction of Zr based on an in-situ preparation of ZrC O. Separation and Purification Technology, 2021, 275, 118096.	7.9	7
4	In-situ synthesis of zirconium oxycarbide by electroreduction of ZrO ₂ /C in molten salt. Ceramics International, 2021, 47, 21459-21465.	4.8	7
5	Reviewâ€”Preparation of Zirconium Metal by Electrolysis. Journal of the Electrochemical Society, 2021, 168, 062508.	2.9	12
6	Electrochemical behavior of vanadium ions in molten LiCl-KCl. Journal of Electroanalytical Chemistry, 2021, 891, 115259.	3.8	11
7	Liquid zinc assisted electro-extraction of molybdenum. Separation and Purification Technology, 2021, 279, 119651.	7.9	5
8	A critical review on extraction and refining of vanadium metal. International Journal of Refractory Metals and Hard Materials, 2021, 101, 105696.	3.8	26
9	Recycling of Spent Indiumâ€”Galliumâ€”Zinc Oxide Based on Molten Salt Electrolysis. ACS Sustainable Chemistry and Engineering, 2020, 8, 16296-16303.	6.7	14
10	Study on the electrochemical behavior of Mg and Al ions in LiCl-KCl melt and preparation of Mg-Al alloy. Journal of Magnesium and Alloys, 2020, , .	11.9	6
11	Synthesis and characterization of neodymium oxychloride. Journal of Materials Research and Technology, 2020, 9, 16378-16386.	5.8	2
12	Electrochemical behavior of niobium ions in molten KCl-NaCl. Journal of Materials Research and Technology, 2020, 9, 9341-9347.	5.8	10
13	Effect of Electrolytic Compositions in Kinetics Mechanism of High-Purity Titanium Electrochemical Extraction Process. , 2020, , .		0
14	Electrochemical Studies on the Redox Behavior of Zr(IV) in the LiCl-KCl Eutectic Molten Salt and Separation of Zr and Hf. Journal of the Electrochemical Society, 2020, 167, 023502.	2.9	12
15	Equilibrium between Metallic Titanium and Titanium Ions in MgCl ₂ LiCl Molten Salt. Materials Transactions, 2019, 60, 374-378.	1.2	11
16	In Situ Monitoring of O ²⁺ Concentration in Molten NaCl-KCl at 750Â°C. Journal of the Electrochemical Society, 2018, 165, E245-E249.	2.9	16
17	Electrochemical behaviors of Ti(III) in molten NaCl-KCl under various contents of fluoride. Electrochimica Acta, 2017, 256, 252-258.	5.2	40
18	Extraction of neodymium by direct reduction of NdOCl in molten calcium chloride. Electrochimica Acta, 2017, 257, 465-472.	5.2	14

#	ARTICLE	IF	CITATIONS
19	Electrochemical Behavior of Titanium Ions in Various Molten Alkali Chlorides. Journal of the Electrochemical Society, 2017, 164, E321-E325.	2.9	33
20	Electrochemical Behavior of Dy ₂ O ₃ on Molybdenum and Liquid Tin Electrodes in Molten CaCl ₂ . Journal of the Electrochemical Society, 2017, 164, D916-D921.	2.9	19
21	Influence of F ⁻ on the electrochemical properties of titanium ions and Al-Ti alloy electrodeposition in molten AlCl ₃ -NaCl. RSC Advances, 2016, 6, 82049-82056.	3.6	20
22	Electrochemical Behaviors of Ce(III) in Molten AlCl ₃ -NaCl under Various Contents of Fluoride. Journal of the Electrochemical Society, 2016, 163, D757-D763.	2.9	16
23	The influence of fluoride ions on the equilibrium between titanium ions and titanium metal in fused alkali chloride melts. Faraday Discussions, 2016, 190, 421-432.	3.2	33
24	Electrochemical Behavior of Titanium(II) Ion in a Purified Calcium Chloride Melt. Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science, 2015, 46, 162-168.	2.1	22
25	The equilibrium between metallic titanium and titanium ions in LiCl-KCl melts. Journal of Alloys and Compounds, 2014, 587, 349-353.	5.5	20
26	A new consumable anode material of titanium oxycarbonitride for the USTB titanium process. Physical Chemistry Chemical Physics, 2014, 16, 8086.	2.8	42
27	The Equilibrium between Titanium Ions and Metallic Titanium in the Molten Binary Mixtures of LiCl. Electrochemistry, 2014, 82, 1047-1051.	1.4	20
28	The Influence of Fluoride Anion on the Equilibrium between Titanium Ions and Electrodeposition of Titanium in Molten Fluoride–Chloride Salt. Materials Transactions, 2014, 55, 1299-1303.	1.2	31
29	The Equilibrium Between Titanium Ions and Titanium Metal in NaCl-KCl Equimolar Molten Salt. Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science, 2013, 44, 906-913.	2.1	35
30	Influence of nature of the fluoride ion on the electrochemical behaviors of Nb(V) in molten NaCl-KCl. Journal of Solid State Electrochemistry, 0, , 1.	2.5	0