

Tatiana Prokhorova

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

52
citations

1937685

4
h-index

1872680

6
g-index

21
all docs

21
docs citations

21
times ranked

20
citing authors

#	ARTICLE	IF	CITATIONS
1	Preparation of high-purity tantalum powders by sodium-thermal reduction. <i>Inorganic Materials</i> , 2012, 48, 903-907.	0.8	11
2	Preparation of tantalum powders via the sodium reduction of potassium heptafluorotantalate heat-treated in air. <i>Inorganic Materials</i> , 2015, 51, 116-121.	0.8	7
3	Sodium thermal reduction of tantalum powders from melts with tantalum pentoxide additions. <i>Russian Metallurgy (Metally)</i> , 2009, 2009, 473-477.	0.5	5
4	X-ray diffraction study of sodium metal reduction tantalum powders. <i>Inorganic Materials</i> , 2014, 50, 46-51.	0.8	4
5	Effect of tantalum capacitor powder preparation conditions on the dielectric loss tangent of anodes. <i>Inorganic Materials</i> , 2014, 50, 145-149.	0.8	4
6	Preparation of tantalum powders by the reduction of complex oxyfluoride compounds with sodium. <i>Russian Journal of Non-Ferrous Metals</i> , 2016, 57, 599-603.	0.6	4
7	Manufacture of sodium-reduced tantalum powders with a specific capacity up to 100000 CV/g. <i>Russian Metallurgy (Metally)</i> , 2011, 2011, 660-662.	0.5	3
8	Production of tantalum capacitor powders with a large specific surface area. <i>Theoretical Foundations of Chemical Engineering</i> , 2007, 41, 585-588.	0.7	2
9	Effect of the oxygen content in a salt solution on the characteristics of sodium-reduced tantalum powders. <i>Russian Metallurgy (Metally)</i> , 2009, 2009, 88-92.	0.5	2
10	Effect of the conditions of sintering of sodium-reduced tantalum powders on their characteristics. <i>Russian Metallurgy (Metally)</i> , 2014, 2014, 576-580.	0.5	2
11	Heat Treatment of Tantalum and Niobium Powders Prepared by Magnesium-Thermic Reduction. <i>Russian Metallurgy (Metally)</i> , 2017, 2017, 905-911.	0.5	2
12	Magnesium thermal nano-sized powders of the chromium subgroup metals. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019, 704, 012011.	0.6	2
13	Effect of Production Methods on the Features of Sodium-Reduced Tantalum Powders. <i>ECS Transactions</i> , 2007, 3, 395-398.	0.5	1
14	Effect of heat treatment on the characteristics of sodium-reduced niobium powders. <i>Russian Metallurgy (Metally)</i> , 2008, 2008, 442-446.	0.5	1
15	Sodium-reduced tantalum powders produced from plumbomicrolite raw materials. <i>Russian Journal of Applied Chemistry</i> , 2012, 85, 1025-1028.	0.5	1
16	Magnesium vapor reduction of complex double compounds of molybdenum with tungsten. <i>Journal of Physics: Conference Series</i> , 2019, 1347, 012128.	0.4	1
17	Potassium-Reduced Tantalum Powders. <i>Russian Journal of Applied Chemistry</i> , 2005, 78, 538-540.	0.5	0
18	Influence of the particle size distribution of potassium heptafluorotantalate on the characteristics of sodium-reduced tantalum powders. <i>Russian Journal of Applied Chemistry</i> , 2009, 82, 1338-1341.	0.5	0

#	ARTICLE	IF	CITATIONS
19	Dependence of characteristics of tantalum powders on the type of the extractant used in preparation of raw material. Russian Journal of Applied Chemistry, 2011, 84, 572-576.	0.5	0
20	Preparation of W-Cr powder via the magnesiothermic reduction of trirutile Cr ₂ WO ₆ . Journal of Physics: Conference Series, 2021, 1942, 012005.	0.4	0
21	Magnesiothermic Preparation of Molybdenum-Chromium Alloy Powders. Inorganic Materials, 2022, 58, 33-39.	0.8	0