

Yury Kirillov

List of Publications by Year in descending order

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19
papers

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51
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#	ARTICLE	IF	CITATIONS
1	Sources of Carbon Impurities in the Preparation of High-Purity Monoisotopic ^{28}Si by a Hydride Method. <i>Inorganic Materials</i> , 2018, 54, 977-983.	0.8	0
2	Modeling Iron Pentacarbonyl Vaporization Accompanied by Vapor Condensation on a Flowing Down Liquid Film. <i>Inorganic Materials</i> , 2018, 54, 878-884.	0.8	1
3	Behavior of Hydroxyl Groups in Quartz Glass during Heat Treatment in the Range $750\text{--}950^\circ\text{C}$. <i>Inorganic Materials</i> , 2018, 54, 925-930.	0.8	10
4	Modeling the ultrapurification of substances by simple distillation. <i>Inorganic Materials</i> , 2017, 53, 853-858.	0.8	6
5	Modeling of the impurity nanoparticle distribution in two contacting glass melts during optical fiber drawing. <i>Inorganic Materials</i> , 2017, 53, 758-763.	0.8	1
6	Modeling of the evaporation of liquids and condensation of their vapor during distillation. <i>Inorganic Materials</i> , 2016, 52, 1183-1188.	0.8	7
7	Effect of eddy formation on gas mixture homogeneity near a substrate in a vertical reactor for CdHgTe deposition. <i>Inorganic Materials</i> , 2016, 52, 194-200.	0.8	0
8	Zone recrystallization modeling and optimization based on the concept of average impurity concentration in the ingot portion being refined. <i>Inorganic Materials</i> , 2016, 52, 201-206.	0.8	3
9	Effect of diffusion on the purification of substances by distillation. <i>Inorganic Materials</i> , 2015, 51, 1092-1096.	0.8	12
10	Sedimentation kinetics of polydisperse second-phase inclusions in molten selenium. <i>Inorganic Materials</i> , 2011, 47, 449-454.	0.8	0
11	Calculation of the degree of separation for a membrane module at the low permeability of the purified gas through the membrane. <i>Theoretical Foundations of Chemical Engineering</i> , 2011, 45, 85-88.	0.7	2
12	Removal of barium impurities from selenium by vacuum distillation. <i>Inorganic Materials</i> , 2010, 46, 314-317.	0.8	16
13	Substance yield calculation for fine purification by batch distillation. <i>Inorganic Materials</i> , 2008, 44, 382-387.	0.8	0
14	Effect of Longitudinal Dispersion Parameters on the Gas Cleaning Efficiency in a Membrane Cell with Retentate Recycle. <i>Theoretical Foundations of Chemical Engineering</i> , 2005, 39, 397-401.	0.7	3
15	Gas Ultrapurification in a Membrane Cell with Retentate Recycle. <i>Theoretical Foundations of Chemical Engineering</i> , 2003, 37, 54-58.	0.7	1
16	High purification of gas in radial membrane element. <i>Desalination</i> , 2002, 146, 249-254.	8.2	22
17	Title is missing!. <i>Russian Journal of Applied Chemistry</i> , 2002, 75, 241-244.	0.5	2
18	Title is missing!. <i>Inorganic Materials</i> , 2002, 38, 884-889.	0.8	1

#	ARTICLE	IF	CITATIONS
19	Effect of crystal growth on the effectiveness of fine purification through counterflow melt crystallization. <i>Inorganic Materials</i> , 2000, 36, 1050-1055.	0.8	1