Yury Kirillov

List of Publications by Year
in descending order

19 papers	**88** citations	1478505 **6** h-index	1372567 **10** g-index
19 all docs	**19** docs citations	**19** times ranked	**51** citing authors

#	Article	IF	Citations
1	High purification of gas in radial membrane element. Desalination, 2002, 146, 249-254.	8.2	22
2	Removal of barium impurities from selenium by vacuum distillation. Inorganic Materials, 2010, 46, 314-317.	0.8	16
3	Effect of diffusion on the purification of substances by distillation. Inorganic Materials, 2015, 51, 1092-1096.	0.8	12
4	Behavior of Hydroxyl Groups in Quartz Glass during Heat Treatment in the Range 750â€"950Â°C. Inorganic Materials, 2018, 54, 925-930.	0.8	10
5	Modeling of the evaporation of liquids and condensation of their vapor during distillation. Inorganic Materials, 2016, 52, 1183-1188.	0.8	7
6	Modeling the ultrapurification of substances by simple distillation. Inorganic Materials, 2017, 53, 853-858.	0.8	6
7	Effect of Longitudinal Dispersion Parameters on the Gas Cleaning Efficiency in a Membrane Cell with Retentate Recycle. Theoretical Foundations of Chemical Engineering, 2005, 39, 397-401.	0.7	3
8	Zone recrystallization modeling and optimization based on the concept of average impurity concentration in the ingot portion being refined. Inorganic Materials, 2016, 52, 201-206.	0.8	3
9	Title is missing!. Russian Journal of Applied Chemistry, 2002, 75, 241-244.	0.5	2
10	Calculation of the degree of separation for a membrane module at the low permeability of the purified gas through the membrane. Theoretical Foundations of Chemical Engineering, 2011, 45, 85-88.	0.7	2
11	Effect of crystal growth on the effectiveness of fine purification through counterflow melt crystallization. Inorganic Materials, 2000, 36, 1050-1055.	0.8	1
12	Title is missing!. Inorganic Materials, 2002, 38, 884-889.	0.8	1
13	Gas Ultrapurification in a Membrane Cell with Retentate Recycle. Theoretical Foundations of Chemical Engineering, 2003, 37, 54-58.	0.7	1
14	Modeling of the impurity nanoparticle distribution in two contacting glass melts during optical fiber drawing. Inorganic Materials, 2017, 53, 758-763.	0.8	1
15	Modeling Iron Pentacarbonyl Vaporization Accompanied by Vapor Condensation on a Flowing Down Liquid Film. Inorganic Materials, 2018, 54, 878-884.	0.8	1
16	Substance yield calculation for fine purification by batch distillation. Inorganic Materials, 2008, 44, 382-387.	0.8	0
17	Sedimentation kinetics of polydisperse second-phase inclusions in molten selenium. Inorganic Materials, 2011, 47, 449-454.	0.8	0
18	Effect of eddy formation on gas mixture homogeneity near a substrate in a vertical reactor for CdHgTe deposition. Inorganic Materials, 2016, 52, 194-200.	0.8	0

#	Article	IF	Citations
19	Sources of Carbon Impurities in the Preparation of High-Purity Monoisotopic 28Si by a Hydride Method. Inorganic Materials, 2018, 54, 977-983.	0.8	0