

Oleg Yu Troshin

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Gas chromatographic determination of silicon fluoride-chlorides $\text{SiF}_n\text{Cl}_{4-n}$ ($n = 0 \text{--} 4$) obtained by the reaction of silicon tetrafluoride with aluminum chloride (III). <i>Analitika I Kontrol</i> , 2019, 23, 525-531.	0.2	1
2	Liquid-Vapor Equilibria in the $\text{SiCl}_4\text{--}A$ ($A = \text{SiCl}_4\text{--}n\text{F}_n$ ($n = 1\text{--}4$) Impurity) Systems. <i>Inorganic Materials</i> , 2018, 54, 840-843.	0.8	1
3	Identification of impurities in tetrakis(trifluorophosphine) nickel using the gas chromatography-mass spectrometry method. <i>Analitika I Kontrol</i> , 2018, 22, 253-258.	0.2	0
4	Production of germanium stable isotopes single crystals. <i>Crystal Research and Technology</i> , 2017, 52, 1700026.	1.3	8
5	Filtration combustion of silicon tetrafluoride and calcium hydride for the preparation of monosilane. <i>Inorganic Materials</i> , 2016, 52, 915-918.	0.8	5
6	Isotope analysis of $^{72}\text{GeH}_4$, $^{73}\text{GeH}_4$, $^{74}\text{GeH}_4$, and $^{76}\text{GeH}_4$ monogermanes by inductively-coupled plasma high-resolution mass spectrometry (ICP-MS). <i>Journal of Analytical Chemistry</i> , 2016, 71, 667-675.	0.9	4
7	Liquid-vapor equilibria in $\text{GeF}_4\text{--}A$ ($A = \text{C}_1\text{--}\text{C}_4$ alkane impurity) systems. <i>Inorganic Materials</i> , 2015, 51, 718-721.	0.8	2
8	Monogermanes $^{74}\text{GeH}_4$ and $^{73}\text{GeH}_4$ of high isotopic and chemical purity. <i>Doklady Chemistry</i> , 2014, 458, 185-188.	0.9	1
9	Ultrapurification of ^{76}Ge -enriched GeH_4 by distillation. <i>Inorganic Materials</i> , 2011, 47, 694-696.	0.8	10
10	Formation of impurity Si_2OH_6 in silane synthesized from silicon tetrafluoride. <i>Russian Journal of Inorganic Chemistry</i> , 2011, 56, 510-512.	1.3	3
11	Mechanically activated synthesis of monosilane by the reaction of calcium hydride with silicon tetrafluoride. <i>Russian Journal of Applied Chemistry</i> , 2010, 83, 984-988.	0.5	4
12	Production of silanes $^{29}\text{SiH}_4$ and $^{30}\text{SiH}_4$ of high chemical and isotopic purity. <i>Doklady Chemistry</i> , 2010, 432, 126-128.	0.9	6
13	Reaction of silicon tetrafluoride with calcium hydride as a propagating wave. <i>Russian Journal of Inorganic Chemistry</i> , 2008, 53, 6-10.	1.3	8
14	Hydrocarbon impurities in SiF_4 and SiH_4 prepared from it. <i>Inorganic Materials</i> , 2007, 43, 364-368.	0.8	4
15	Fine Purification of Monoisotopic Silanes $^{28}\text{SiH}_4$, $^{29}\text{SiH}_4$, and $^{30}\text{SiH}_4$ via Distillation. <i>Inorganic Materials</i> , 2004, 40, 555-557.	0.8	7
16	Synthesis of High-Purity Calcium Hydride. <i>Russian Journal of Applied Chemistry</i> , 2004, 77, 875-877.	0.5	4
17	Preparation of High-Purity Monoisotopic Silane: $^{28}\text{SiH}_4$, $^{29}\text{SiH}_4$, and $^{30}\text{SiH}_4$. <i>Doklady Chemistry</i> , 2003, 391, 204-205.	0.9	15
18	Preparation and Fine Purification of SiF_4 and $^{28}\text{SiH}_4$. <i>Inorganic Materials</i> , 2002, 38, 283-287.	0.8	14