

# Oleg Yu Troshin

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/955178/publications.pdf>

Version: 2024-02-01

18  
papers

97  
citations

1478505

6  
h-index

1474206

9  
g-index

18  
all docs

18  
docs citations

18  
times ranked

38  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Preparation of High-Purity Monoisotopic Silane: $^{28}\text{SiH}_4$ , $^{29}\text{SiH}_4$ , and $^{30}\text{SiH}_4$ . Doklady Chemistry, 2003, 391, 204-205.   | 0.9 | 15        |
| 2  | Preparation and Fine Purification of $\text{SiF}_4$ and $^{28}\text{SiH}_4$ . Inorganic Materials, 2002, 38, 283-287.  | 0.8 | 14        |
| 3  | Ultrapurification of $^{76}\text{Ge}$ -enriched $\text{GeH}_4$ by distillation. Inorganic Materials, 2011, 47, 694-696.  | 0.8 | 10        |
| 4  | Reaction of silicon tetrafluoride with calcium hydride as a propagating wave. Russian Journal of Inorganic Chemistry, 2008, 53, 6-10.  | 1.3 | 8         |
| 5  | Production of germanium stable isotopes single crystals. Crystal Research and Technology, 2017, 52, 1700026.   | 1.3 | 8         |
| 6  | Fine Purification of Monoisotopic Silanes $^{28}\text{SiH}_4$ , $^{29}\text{SiH}_4$ , and $^{30}\text{SiH}_4$ via Distillation. Inorganic Materials, 2004, 40, 555-557.  | 0.8 | 7         |
| 7  | Production of silanes $^{29}\text{SiH}_4$ and $^{30}\text{SiH}_4$ of high chemical and isotopic purity. Doklady Chemistry, 2010, 432, 126-128.   | 0.9 | 6         |
| 8  | Filtration combustion of silicon tetrafluoride and calcium hydride for the preparation of monosilane. Inorganic Materials, 2016, 52, 915-918.  | 0.8 | 5         |
| 9  | Synthesis of High-Purity Calcium Hydride. Russian Journal of Applied Chemistry, 2004, 77, 875-877.   | 0.5 | 4         |
| 10 | Hydrocarbon impurities in $\text{SiF}_4$ and $\text{SiH}_4$ prepared from it. Inorganic Materials, 2007, 43, 364-368.  | 0.8 | 4         |
| 11 | Mechanically activated synthesis of monosilane by the reaction of calcium hydride with silicon tetrafluoride. Russian Journal of Applied Chemistry, 2010, 83, 984-988.   | 0.5 | 4         |
| 12 | 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). Journal of Analytical Chemistry, 2016, 71, 667-675. | 0.9 | 4         |
| 13 | Formation of impurity $\text{Si}_2\text{OH}_6$ in silane synthesized from silicon tetrafluoride. Russian Journal of Inorganic Chemistry, 2011, 56, 510-512.  | 1.3 | 3         |
| 14 | Liquid-vapor equilibria in $\text{GeF}_4\text{-A}$ (A = C1-C4 alkane impurity) systems. Inorganic Materials, 2015, 51, 718-721.  | 0.8 | 2         |
| 15 | Monogermanes $^{74}\text{GeH}_4$ and $^{73}\text{GeH}_4$ of high isotopic and chemical purity. Doklady Chemistry, 2014, 458, 185-188.  | 0.9 | 1         |
| 16 | Liquid-Vapor Equilibria in the $\text{SiCl}_4\text{-A}$ (A = $\text{SiCl}_4\text{-nFn}$ (n = 1-4) Impurity) Systems. Inorganic Materials, 2018, 54, 840-843.   | 0.8 | 1         |
| 17 | Gas chromatographic determination of silicon fluoride-chlorides $\text{SiF}_n\text{Cl}_{4-n}$ (n = 0-4) obtained by the reaction of silicon tetrafluoride with aluminum chloride (III). Analitika I Kontrol, 2019, 23, 525-531.                          | 0.2 | 1         |
| 18 | Identification of impurities in tetrakis(trifluorophosphine) nickel using the gas chromatography-mass spectrometry method. Analitika I Kontrol, 2018, 22, 253-258.   | 0.2 | 0         |