# Alexandr E Zarvin

List of Publications by Year
in descending order



| 16 | 135 | 1478505 6 | 1199594 12 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 16 | 16 | 16 | 23 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Condensable Supersonic Jet Facility for Analyses of Transient Low-Temperature Gas Kinetics and Plasma Chemistry of Hydrocarbons. IEEE Transactions on Plasma Science, 2017, 45, 819-827. | 1.3 | 40 |
| 2 | Formation of mixed clusters in a pulsed supersonic helium-oxygen-isoprene jet. European Physical Journal D, 2008, 49, 101-110. | 1.3 | 16 |
| 3 | Features of formation of gas cluster ion beams. Vacuum, 2015, 119, 256-263. | 3.5 | 16 |
| 4 | Condensation of Argon, Monosilane and Their Mixtures in a Pulse Free Jet. Plasma Chemistry and Plasma Processing, 2005, 25, 319-349. | 2.4 | 14 |
| 5 | A universal small-sized vacuum installation for gas-kinetic investigations. Instruments and Experimental Techniques, 2000, 43, 640-646. | 0.5 | 10 |
| 6 | Visualization of low-density gas-dynamic objects in full-scale processes modelling on small experimental plants. Vacuum, 2021, 191, 110409. | 3.5 | 10 |
| 7 | A Method for Studying Clusterization Processes in a Free Impulse Jet. Instruments and Experimental Techniques, 2005, 48, 817-825. | 0.5 | 5 |
| 8 | A modified setup for gas-dynamic research and technological development. Instruments and Experimental Techniques, 2016, 59, 294-301. | 0.5 | 5 |
| 9 | Clusters in a pulsed free jet of a monosilane-argon mixture. Technical Physics Letters, 1999, 25, 865-866. | 0.7 | 4 |
| 10 | Ion-cluster reactions initiated by an electron beam in mixtures of argon with methane and monosilane. Physics of the Solid State, 2002, 44, 515-517. | 0.6 | 4 |
| 11 | An experimental apparatus for plasmochemical studies. Instruments and Experimental Techniques, 2016, 59, 822-828. | 0.5 | 4 |
| 12 | The novel method of synthesis of nanostructured materials for the enhancing recovery in oil displacement technologies. Catalysis Today, 2022, 397-399, 249-256. | 4.4 | 4 |
| 13 | The formation of pulsed supersonic underexpanded jets influenced by a background gas. Technical Physics Letters, 2004, 30, 358-360. | 0.7 | 2 |
| 14 | On the possibility of supersonic pulsed gas jet blocking by transverse discharge. Technical Physics Letters, 2010, 36, 981-983. | 0.7 | 1 |
| 15 | Anomalous electron-beam-induced excitation of argon in pulsed supersonic streams of Ar+CH4, Ar+SiH4, and Ar+ CH4+SiH4 mixtures. Technical Physics Letters, 2001, 27, 819-820. | 0.7 | 0 |
| 16 | Flow of Ethanol into a Medium with Varying Degrees of Rarefaction. Siberian Journal of Physics, 2022, 17, 47-64. | 0.3 | 0 |