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	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
2	Flow of Ethanol into a Medium with Varying Degrees of Rarefaction. Siberian Journal of Physics, 2022, 17, 47-64.	0.3	0
3	Visualization of low-density gas-dynamic objects in full-scale processes modelling on small experimental plants. Vacuum, 2021, 191, 110409.	3.5	10
4	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
5	An experimental apparatus for plasmochemical studies. Instruments and Experimental Techniques, 2016, 59, 822-828.	0.5	4
6	A modified setup for gas-dynamic research and technological development. Instruments and Experimental Techniques, 2016, 59, 294-301.	0.5	5
7	Features of formation of gas cluster ion beams. Vacuum, 2015, 119, 256-263.	3.5	16
8	On the possibility of supersonic pulsed gas jet blocking by transverse discharge. Technical Physics Letters, 2010, 36, 981-983.	0.7	1
9	Formation of mixed clusters in a pulsed supersonic helium-oxygen-isoprene jet. European Physical Journal D, 2008, 49, 101-110.	1.3	16
10	A Method for Studying Clusterization Processes in a Free Impulse Jet. Instruments and Experimental Techniques, 2005, 48, 817-825.	0.5	5
11	Condensation of Argon, Monosilane and Their Mixtures in a Pulse Free Jet. Plasma Chemistry and Plasma Processing, 2005, 25, 319-349.	2.4	14
12	The formation of pulsed supersonic underexpanded jets influenced by a background gas. Technical Physics Letters, 2004, 30, 358-360.	0.7	2
13	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
14	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
15	A universal small-sized vacuum installation for gas-kinetic investigations. Instruments and Experimental Techniques, 2000, 43, 640-646.	0.5	10
16	Clusters in a pulsed free jet of a monosilane-argon mixture. Technical Physics Letters, 1999, 25, 865-866.	0.7	4