

# Alexander

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/671531/publications.pdf>

Version: 2024-02-01

10  
papers

115  
citations

2258059

3  
h-index

1588992

8  
g-index

10  
all docs

10  
docs citations

10  
times ranked

22  
citing authors

#	ARTICLE	IF	CITATIONS
1	Calculation and experimental estimation of the efficiency of using lithium, sodium, magnesium, and aluminum as fuels in hydro-reactive propellants. <i>Thermal Science and Engineering Progress</i> , 2021, 23, 100881.	2.7	5
2	Studying the kinetics of gas mixture sorption-desorption by a liquid through the phase interface. <i>Physics of Fluids</i> , 2021, 33, 062102.	4.0	4
3	Boundary layer calculation in gas flows in micronozzles. <i>International Journal of Non-Linear Mechanics</i> , 2021, 137, 103831.	2.6	0
4	Improving the quality of fuel through the use of forced gas boiling in a vacuum. <i>Physics of Fluids</i> , 2021, 33, 112111.	4.0	3
5	Ensuring efficiency and reliability of equipment with optimization of integrated tests. <i>Heliyon</i> , 2020, 6, e03782.	3.2	2
6	Areas of focus in ensuring the environmental safety of motor transport. <i>Transportation Research Procedia</i> , 2020, 50, 68-76.	1.5	87
7	Development of advanced methods of determining the chemical stability of hydrocarbon fuels. <i>Thermochimica Acta</i> , 2020, 685, 178508.	2.7	8
8	Methods for substantiating the technology for restoring the quality of hydrocarbon fuels by their fractional composition. <i>Transportation Research Procedia</i> , 2018, 36, 77-83.	1.5	2
9	Elaboration of the continuous method for degassing hydrocarbon fuels and the installation for its implementation. <i>International Journal of Heat and Mass Transfer</i> , 2018, 127, 1-10.	4.8	4
10	Heterogeneous Catalytic Reactions with Molecular Oxygen by the Example of Nitrous Oxide and Hydrogen Peroxide Decomposition. <i>ACS Applied Energy Materials</i> , 0, , .	5.1	0