

# Nina G Syzranova

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6613126/publications.pdf>

Version: 2024-02-01

11  
papers

83  
citations

2258059

3  
h-index

1720034

7  
g-index

13  
all docs

13  
docs citations

13  
times ranked

41  
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparison of different models for non-equilibrium CO <sub>2</sub> flows in a shock layer near a blunt body. <i>Shock Waves</i> , 2011, 21, 273-287.	1.9	48
2	Simulation of the motion and destruction of bolides in the Earth's atmosphere. <i>High Temperature</i> , 2016, 54, 308-315.	1.0	14
3	Bulk-viscosity effect on CO <sub>2</sub> hypersonic flow around blunt bodies. <i>Doklady Physics</i> , 2015, 60, 207-209.	0.7	9
4	Non-Equilibrium Kinetics and Transport Processes in a Hypersonic Flow of CO <sub>2</sub> -CO-O <sub>2</sub> -C <sub>2</sub> O Mixture. , 2011, , .		3
5	The effect of multicomponent diffusion on supersonic flow of carbon dioxide past bodies. <i>High Temperature</i> , 2009, 47, 829-835.	1.0	2
6	The influence of CO <sub>2</sub> kinetics on the hypersonic flow near blunt bodies. , 2012, , .		2
7	Aspects of Meteoroids Flight in the Earth's Atmosphere. <i>Smart Innovation, Systems and Technologies</i> , 2021, , 13-23.	0.6	2
8	Unconventional Trajectories of Meteoroids in the Earth's Atmosphere. <i>Smart Innovation, Systems and Technologies</i> , 2022, , 179-193.	0.6	2
9	The Study of the Physical Processes that Cause the Destruction and Fragmentation of Meteoroids in the Atmosphere. <i>Smart Innovation, Systems and Technologies</i> , 2021, , 199-212.	0.6	1
10	Numerical modeling of external 3-D CFD problems on the parallel computers and aerodynamic shape optimization. , 2004, , 521-528.		0
11	Problems of evaluation of heat fluxes for blunt bodies moving in a planetary atmosphere. <i>Doklady Physics</i> , 2006, 51, 564-568.	0.7	0