

Igor Chermyaninov

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

25
citations

1937685

4
h-index

2053705

5
g-index

10
all docs

10
docs citations

10
times ranked

5
citing authors

#	ARTICLE	IF	CITATIONS
1	Light-induced pressure anisotropy and temperature change in atomic gases. Physics of Fluids, 2021, 33, 057106.	4.0	1
2	Non-equilibrium thermodynamics of light-induced transport phenomena in a binary gas mixture. Physics of Fluids, 2021, 33, 127103.	4.0	0
3	Light-induced phenomena in one-component gas: Pressure anisotropy and change of gas temperature. Physics of Fluids, 2020, 32, 017105.	4.0	2
4	Light-induced phenomena in one-component gas: The transport phenomena. Physics of Fluids, 2016, 28, 092007.	4.0	4
5	Thermo-optical piston in gases. , 2014, , .		1
6	Thermo-optical pressure difference in one-component gas. Physics of Fluids, 2014, 26, 092001.	4.0	4
7	Light-induced cross transport phenomena in a single-component gas. Journal of Experimental and Theoretical Physics, 2013, 117, 11-20.	0.9	4
8	Heat and mass transfer in gases due to pressure and temperature gradients in a laser radiation field. , 2012, , .		0
9	Light-induced heat and mass transfer in a single-component gas in a capillary. Journal of Experimental and Theoretical Physics, 2007, 105, 511-519.	0.9	8
10	Light-induced heat and mass transfer of gas in a plane channel. High Temperature, 2005, 43, 131-140.	1.0	1