

Tymofiy V Chagovets

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

261
citations

1040056

9
h-index

996975

15
g-index

17
all docs

17
docs citations

17
times ranked

145
citing authors

#	ARTICLE	IF	CITATIONS
1	A study of thermal counterflow using particle tracking velocimetry. Physics of Fluids, 2011, 23, .	4.0	51
2	Effective kinematic viscosity of turbulent He . Physical Review E, 2007, 76, 027301.	2.1	39
3	Testing the performance of a cryogenic visualization system on thermal counterflow by using hydrogen and deuterium solid tracers. Review of Scientific Instruments, 2012, 83, 055109.	1.3	33
4	Cavitation in Liquid Helium Observed in a Flow Due to a Vibrating Quartz Fork. Journal of Low Temperature Physics, 2008, 150, 194-199.	1.4	26
5	Steady and Decaying Flow of He II in a Channel with Ends Blocked by Superleaks. Physical Review Letters, 2008, 100, 215302.	7.8	19
6	Electric response in superfluid helium. Physica B: Condensed Matter, 2016, 488, 62-66.	2.7	15
7	Automation of Target Delivery and Diagnostic Systems for High Repetition Rate Laser-Plasma Acceleration. Applied Sciences (Switzerland), 2021, 11, 1680.	2.5	15
8	A study of the electric response of He II at the excitation of second sound waves. Low Temperature Physics, 2016, 42, 176-180.	0.6	13
9	On Flow of He II in Channels with Ends Blocked by Superleaks. Journal of Low Temperature Physics, 2008, 153, 162-188.	1.4	9
10	Visualization of He II counterflow around a cylinder. Physics of Fluids, 2013, 25, .	4.0	9
11	Visualization of He II forced flow around a cylinder. Physics of Fluids, 2015, 27, 045111.	4.0	9
12	Detection of Electric Response at Excitation of First Sound in He II. Journal of Low Temperature Physics, 2017, 187, 383-389.	1.4	9
13	The Dynamics of Vortex Generation in Superfluid $^3\text{He-B}$. Journal of Low Temperature Physics, 2008, 153, 197-227.	1.4	8
14	TERESA Target Area at ELI Beamlines. Quantum Beam Science, 2020, 4, 37.	1.2	5
15	Low-temperature specific heat of frustrated ferrimagnets $\text{BaFe}_{12-x}\text{In}_x\text{O}_{19}$ with $x=3.0$ and $x=3.6$. Low Temperature Physics, 2003, 29, 305-309.	0.6	0
16	Setup for calorimetric measurements at temperatures below 1 K. Low Temperature Physics, 2003, 29, 957-959.	0.6	0