

Jerome Duplat

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

164
citations

1307594

7
h-index

1125743

13
g-index

16
all docs

16
docs citations

16
times ranked

186
citing authors

#	ARTICLE	IF	CITATIONS
1	Short circuits in the Corrsinâ€œObukhov cascade. Physics of Fluids, 2001, 13, 284-289.	4.0	44
2	In situ investigation of liquid films in pulsating heat pipe. Applied Thermal Engineering, 2017, 126, 1023-1028.	6.0	28
3	Superdiffusive trajectories in Brownian motion. Physical Review E, 2013, 87, 020105.	2.1	23
4	Mixing is an aggregation process. Comptes Rendus - Mecanique, 2003, 331, 515-523.	2.1	10
5	On the bubble shape in a magnetically compensated gravity environment. Journal of Fluid Mechanics, 2013, 716, .	3.4	10
6	Luminescence from Collapsing Centimeter Bubbles Expanded by Chemical Reaction. Physical Review Letters, 2015, 115, 094501.	7.8	10
7	Histogramme des fluctuations scalaires dans le mÃ©lange turbulent transitoire. Comptes Rendus De L'AcadÃ©mie Des Sciences - Series IIB - Mechanics-Physics-Chemistry-Astronomy, 1998, 326, 21-26.	0.1	7
8	The plasma levitation of droplets. Applied Physics Letters, 2015, 107, .	3.3	5
9	Dynamics of expansion and collapse of explosive two-dimensional bubbles. Journal of Fluid Mechanics, 2019, 859, 677-690.	3.4	3
10	Incipience of boiling on a wire. International Journal of Heat and Mass Transfer, 2012, 55, 6881-6889.	4.8	2
11	On random search: Collection kinetics of <i>Paramecia</i> into a trap embedded in a closed domain. American Journal of Physics, 2010, 78, 574-579.	0.7	1
12	A Lagrangian formulation for a gravitational analogue of the acoustic radiation force. Europhysics Letters, 2019, 127, 34002.	2.0	1
13	Persistency of Material Element Deformation in Isotropic Flows and Growth Rate of Lines and Surfaces. Fluid Mechanics and Its Applications, 1998, , 555-556.	0.2	1
14	Convective mass transfer around a dissolving bubble. Physical Review Fluids, 2017, 2, .	2.5	1