

Philippe Bourrienne

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1914966/publications.pdf>

Version: 2024-02-01

17
papers

330
citations

1163117

8
h-index

1125743

13
g-index

18
all docs

18
docs citations

18
times ranked

427
citing authors

#	ARTICLE	IF	CITATIONS
1	Leidenfrost wheels. Nature Physics, 2018, 14, 1188-1192.	16.7	144
2	The cold Leidenfrost regime. Science Advances, 2019, 5, eaaw0304.	10.3	52
3	Propulsion on a superhydrophobic ratchet. Scientific Reports, 2014, 4, 5280.	3.3	51
4	Quantifying the effect of a mask on expiratory flows. Physical Review Fluids, 2021, 6, .	2.5	13
5	Asphaltene Adsorption on Functionalized Solids. Langmuir, 2020, 36, 3894-3902.	3.5	12
6	Crack morphologies in drying suspension drops. Soft Matter, 2021, 17, 8832-8837.	2.7	12
7	Levitation of fizzy drops. Science Advances, 2021, 7, .	10.3	11
8	Reduced adhesion of sparkling water droplets. Physical Review Fluids, 2019, 4, .	2.5	9
9	Symmetry breaking in Leidenfrost flows. Physical Review Fluids, 2018, 3, .	2.5	6
10	Tracking the air exhaled by an opera singer. Physical Review Fluids, 2021, 6, .	2.5	6
11	Lubricant-Impregnated Surfaces for Mitigating Asphaltene Deposition. ACS Applied Materials & Interfaces, 2020, 12, 28750-28758.	8.0	5
12	Blooming flowers from drying drops. Physical Review Fluids, 2020, 5, .	2.5	3
13	Inexpensive Multipatient Respiratory Monitoring System for Helmet Ventilation During COVID-19 Pandemic. Journal of Medical Devices, Transactions of the ASME, 2022, 16, .	0.7	3
14	Video: Leidenfrost Wheels. , 0, , .		0
15	Video: Hoverdrops: Flying Fizzy Fluids. , 0, , .		0
16	Video: Blooming patterns in drying drops. , 0, , .		0
17	Video: Air Flows in Opera. , 0, , .		0