

Philippe Bourrienne

List of Publications by Year in descending order

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