

Alice B Thompson

List of Publications by Year in descending order

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17
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177
citing authors

#	ARTICLE	IF	CITATIONS
1	Surface-tension-driven evolution of a viscoplastic liquid coating the interior of a cylindrical tube. Journal of Fluid Mechanics, 2022, 944, .	1.4	6
2	The life and fate of a bubble in a geometrically perturbed Hele-Shaw channel. Journal of Fluid Mechanics, 2021, 914, .	1.4	9
3	The engulfment of aqueous droplets on perfectly wetting oil layers. Journal of Fluid Mechanics, 2021, 915, .	1.4	6
4	Bifurcations of drops and bubbles propagating in variable-depth Hele-Shaw channels. Journal of Engineering Mathematics, 2021, 129, 1.	0.6	0
5	POLED displays: Robust printing of pixels. Applied Physics Letters, 2019, 115, .	1.5	5
6	Robust low-dimensional modelling of falling liquid films subject to variable wall heating. Journal of Fluid Mechanics, 2019, 877, 844-881.	1.4	8
7	The influence of invariant solutions on the transient behaviour of an air bubble in a Hele-Shaw channel. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2019, 475, 20190434.	1.0	5
8	Bubble propagation in Hele-Shaw channels with centred constrictions. Fluid Dynamics Research, 2018, 50, 021403.	0.6	11
9	Sequential deposition of microdroplets on patterned surfaces. Soft Matter, 2018, 14, 8709-8716.	1.2	9
10	Reopening modes of a collapsed elasto-rigid channel. Journal of Fluid Mechanics, 2017, 819, 121-146.	1.4	15
11	Bubble propagation on a rail: a concept for sorting bubbles by size. Soft Matter, 2017, 13, 8684-8697.	1.2	7
12	Stabilising falling liquid film flows using feedback control. Physics of Fluids, 2016, 28, .	1.6	25
13	Falling liquid films with blowing and suction. Journal of Fluid Mechanics, 2016, 787, 292-330.	1.4	14
14	Sensitivity of Saffmanâ€Taylor fingers to channel-depth perturbations. Journal of Fluid Mechanics, 2016, 794, 343-368.	1.4	24
15	Sequential deposition of overlapping droplets to form a liquid line. Journal of Fluid Mechanics, 2014, 761, 261-281.	1.4	28
16	Multiple finger propagation modes in Hele-Shaw channels of variable depth. Journal of Fluid Mechanics, 2014, 746, 123-164.	1.4	26
17	Shape and stability of axisymmetric levitated viscous drops. Journal of Fluid Mechanics, 2008, 617, 167-185.	1.4	18