Alice B Thompson

List of Publications by Year
in descending order

		1039406	996533
17 papers	216 citations	9 h-index	15 g-index
17 all docs	17 docs citations	17 times ranked	177 citing authors

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