

An-Cheng Ruo

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

257
citations

933447

10
h-index

1125743

13
g-index

16
all docs

16
docs citations

16
times ranked

212
citing authors

#	ARTICLE	IF	CITATIONS
1	The onset of natural convection in a horizontal nanofluid layer heated from below. <i>Heat Transfer</i> , 2021, 50, 7764-7783.	3.0	3
2	Discretized modeling for centrifugal spinning of viscoelastic liquids. <i>Journal of Non-Newtonian Fluid Mechanics</i> , 2017, 247, 62-77.	2.4	29
3	The jetting behavior of viscoelastic Boger fluids during centrifugal spinning. <i>Physics of Fluids</i> , 2015, 27, .	4.0	27
4	Effect of flow structure at the onset of instability on barium sulfate precipitation in Taylorâ€“Couette crystallizers. <i>Journal of Crystal Growth</i> , 2013, 373, 20-31.	1.5	21
5	Instability of a charged non-Newtonian liquid jet. <i>Physical Review E</i> , 2012, 85, 016306.	2.1	31
6	Three-dimensional response of unrelaxed tension to instability of viscoelastic jets. <i>Journal of Fluid Mechanics</i> , 2011, 682, 558-576.	3.4	29
7	The effect of Joule-heating-induced buoyancy on the electrohydrodynamic instability in a fluid layer with electrical conductivity gradient. <i>International Journal of Heat and Mass Transfer</i> , 2011, 54, 3837-3845.	4.8	10
8	Electrohydrodynamic instability of a charged liquid jet in the presence of an axial magnetic field. <i>Physics of Fluids</i> , 2010, 22, .	4.0	18
9	Effect of rotation on the electrohydrodynamic instability of a fluid layer with an electrical conductivity gradient. <i>Physics of Fluids</i> , 2010, 22, .	4.0	32
10	Linear instability of compound jets with nonaxisymmetric disturbances. <i>Physics of Fluids</i> , 2009, 21, 012101.	4.0	16
11	Electrohydrodynamic instability in a horizontal fluid layer with electrical conductivity gradient subject to a weak shear flow. <i>Journal of Fluid Mechanics</i> , 2009, 634, 191.	3.4	20
12	On the nonaxisymmetric instability of round liquid jets. <i>Physics of Fluids</i> , 2008, 20, .	4.0	20
13	Modified shallow water equations for inviscid gravity currents. <i>Physical Review E</i> , 2007, 75, 026302.	2.1	1