Gunnar G Peng

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/4384817/publications.pdf

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15	298	1163117	996975
papers	citations	8 h-index	15 g-index

15	15	15	179
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Viscous Control of Peeling an Elastic Sheet by Bending and Pulling. Physical Review Letters, 2013, 111, 154501.	7.8	93
2	Viscous fingering in a radial elastic-walled Hele-Shaw cell. Journal of Fluid Mechanics, 2018, 849, 163-191.	3.4	53
3	Displacement flows under elastic membranes. Part 2. Analysis of interfacial effects. Journal of Fluid Mechanics, 2015, 784, 512-547.	3.4	35
4	Displacement flows under elastic membranes. Part 1. Experiments and direct numericalÂsimulations. Journal of Fluid Mechanics, 2015, 784, 487-511.	3.4	34
5	Start-up flow in shallow deformable microchannels. Journal of Fluid Mechanics, 2020, 885, .	3.4	19
6	Dynamics of viscous backflow from a model fracture network. Journal of Fluid Mechanics, 2018, 836, 828-849.	3.4	16
7	Viscous flow under an elastic sheet. Journal of Fluid Mechanics, 2020, 905, .	3.4	16
8	Flow-induced choking of a compliant Hele-Shaw cell. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 30228-30233.	7.1	8
9	Backflow from a model fracture network: anÂasymptotic investigation. Journal of Fluid Mechanics, 2019, 864, 899-924.	3.4	7
10	Buoyancy-driven plumes in a layered porous medium. Journal of Fluid Mechanics, 2020, 883, .	3.4	6
11	The initial transient and approach to self-similarity of a very viscous buoyant thermal. Journal of Fluid Mechanics, 2014, 744, 352-375.	3.4	3
12	Viscous-fingering mechanisms under a peeling elastic sheet. Journal of Fluid Mechanics, 2019, 864, 1177-1207.	3.4	3
13	Trapping and escape of viscous fingers in a soft Hele-Shaw cell. Physical Review Fluids, 2022, 7, .	2.5	3
14	Viscous backflow from a model fracture network: influence of a permeable boundary. Journal of Fluid Mechanics, 2021, 911, .	3.4	1
15	Theory for the coalescence of viscous lenses. Journal of Fluid Mechanics, 2021, 928, .	3.4	1