

# UÄ£is LÄe is

## List of Publications by Year in descending order

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14  
papers

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933447

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docs citations

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245  
citing authors

#	ARTICLE	IF	CITATIONS
1	Nanoscale sheared droplet: volume-of-fluid, phase-field and no-slip molecular dynamics. Journal of Fluid Mechanics, 2022, 940, .	3.4	10
2	Near-wall turbulence alteration with the transpiration-resistance model. Journal of Fluid Mechanics, 2022, 942, .	3.4	3
3	Droplet Impact on Asymmetric Hydrophobic Microstructures. Langmuir, 2022, 38, 7956-7964.	3.5	12
4	Higher-Order Homogenized Boundary Conditions for Flows Over Rough and Porous Surfaces. Transport in Porous Media, 2021, 136, 1-42.	2.6	16
5	Transfer of mass and momentum at rough and porous surfaces. Journal of Fluid Mechanics, 2020, 884, .	3.4	39
6	Steady moving contact line of water over a no-slip substrate. European Physical Journal: Special Topics, 2020, 229, 1897-1921.	2.6	19
7	Lift induced by slip inhomogeneities in lubricated contacts. Physical Review Fluids, 2020, 5, .	2.5	6
8	Modeling waves in fluids flowing over and through poroelastic media. International Journal of Multiphase Flow, 2019, 110, 148-164.	3.4	12
9	A framework for computing effective boundary conditions at the interface between free fluid and a porous medium. Journal of Fluid Mechanics, 2017, 812, 866-889.	3.4	57
10	A computational continuum model of poroelastic beds. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2017, 473, 20160932.	2.1	13
11	Passive control of a falling sphere by elliptic-shaped appendages. Physical Review Fluids, 2017, 2, .	2.5	3
12	A stable fluid-structure-interaction solver for low-density rigid bodies using the immersed boundary projection method. Journal of Computational Physics, 2016, 305, 300-318.	3.8	34
13	Passive appendages generate drift through symmetry breaking. Nature Communications, 2014, 5, 5310.	12.8	44
14	Applicability of LES turbulence modeling for CZ silicon crystal growth systems with traveling magnetic field. Journal of Crystal Growth, 2010, 312, 3225-3234.	1.5	20