

# Jie Peng

## List of Publications by Year in descending order

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20  
papers

205  
citations

1307594

7  
h-index

1058476

14  
g-index

20  
all docs

20  
docs citations

20  
times ranked

172  
citing authors

#	ARTICLE	IF	CITATIONS
1	Numerical investigation of cold-start behavior of polymer electrolyte fuel cells in the presence of super-cooled water. <i>International Journal of Hydrogen Energy</i> , 2018, 43, 15505-15520.	7.1	61
2	Linear stability of Bingham fluids in spiral Couette flow. <i>Journal of Fluid Mechanics</i> , 2004, 512, .	3.4	29
3	Linear instability of two-fluid Taylor-Couette flow in the presence of surfactant. <i>Journal of Fluid Mechanics</i> , 2010, 651, 357-385.	3.4	25
4	Analysis of the Failure Modes in the Polymer Electrolyte Fuel Cell Cold-Start Process—Anode Dehydration or Cathode Pore Blockage. <i>Energies</i> , 2020, 13, 256.	3.1	20
5	Viscoelastic liquid film flowing down a flexible tube. <i>Journal of Fluid Mechanics</i> , 2016, 802, 583-610.	3.4	9
6	Falling film on flexible wall in the limit of weak viscoelasticity. <i>Journal of Non-Newtonian Fluid Mechanics</i> , 2014, 210, 85-95.	2.4	8
7	Numerical study of the surfactant-covered falling film flowing down a flexible wall. <i>European Journal of Mechanics, B/Fluids</i> , 2018, 72, 422-431.	2.5	8
8	Stability of core-annular flow of power-law fluids in the presence of interfacial surfactant. <i>Science China: Physics, Mechanics and Astronomy</i> , 2010, 53, 933-943.	5.1	7
9	The axisymmetric long-wave interfacial stability of core-annular flow of power-law fluid with surfactant. <i>Acta Mechanica Sinica/Lixue Xuebao</i> , 2012, 28, 24-33.	3.4	7
10	Linear stability of plane creeping Couette flow for Burgers fluid. <i>Acta Mechanica Sinica/Lixue Xuebao</i> , 2013, 29, 12-23.	3.4	6
11	A microstructural criterion for yielding: linking thixotropy and the yield stress. <i>Rheologica Acta</i> , 2016, 55, 957-968.	2.4	6
12	Instability of eccentric compound threads. <i>Physics of Fluids</i> , 2017, 29, 082110.	4.0	4
13	Simulation of non-Newtonian (Power-law) fluid flow past a row of square cylinders. <i>Science China: Physics, Mechanics and Astronomy</i> , 2011, 54, 703-710.	5.1	3
14	HYDRODYNAMIC CHARACTERISTICS OF ER FLUID FLOWS IN JOURNAL BEARINGS. <i>International Journal of Modern Physics B</i> , 2003, 17, 205-208.	2.0	2
15	OSCILLATORY SQUEEZE FLOW OF ELECTORRHEOLOGICAL FLUID WITH TRANSITIONAL ELECTRIC FIELD. <i>International Journal of Modern Physics B</i> , 2005, 19, 1249-1255.	2.0	2
16	Effects of shear-thinning/thickening nature on the stability of Couette-like flow with uniform crossflow. <i>Acta Mechanica Sinica/Lixue Xuebao</i> , 2013, 29, 806-810.	3.4	2
17	Design of active disturbance rejection control system for morphing flight dynamics. , 2014, , .		2
18	Finite depth Stokes' first problem of thixotropic fluid. <i>Applied Mathematics and Mechanics (English)</i> Tj ETQq0 Q,0 rgBT /Qyerlock 10	3.6	2

#	ARTICLE	IF	CITATIONS
19	Water film falling down an ice sheet. Journal of Fluid Mechanics, 2020, 896, .	3.4	2
20	OSCILLATORY SQUEEZE FLOW OF ELECTORRHEOLOGICAL FLUID WITH TRANSITIONAL ELECTRIC FIELD. , 2005, , .		0