

# Jie Peng

## List of Publications by Year in descending order

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Version: 2024-02-01

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  | Water film falling down an ice sheet. <i>Journal of Fluid Mechanics</i> , 2020, 896, .   | 3.4 | 2         |
| 2  | Analysis of the Failure Modes in the Polymer Electrolyte Fuel Cell Cold-Start Processâ€”Anode Dehydration or Cathode Pore Blockage. <i>Energies</i> , 2020, 13, 256.                             | 3.1 | 20        |
| 3  | 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         |
| 4  | 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        |
| 5  | Instability of eccentric compound threads. <i>Physics of Fluids</i> , 2017, 29, 082110.  | 4.0 | 4         |
| 6  | Viscoelastic liquid film flowing down a flexible tube. <i>Journal of Fluid Mechanics</i> , 2016, 802, 583-610.   | 3.4 | 9         |
| 7  | A microstructural criterion for yielding: linking thixotropy and the yield stress. <i>Rheologica Acta</i> , 2016, 55, 957-968.   | 2.4 | 6         |
| 8  | Finite depth Stokesâ€™ first problem of thixotropic fluid. <i>Applied Mathematics and Mechanics (English)</i> Tj ETQq0 0,0 rgBT /Overlock 10   | 3.6 | 2         |
| 9  | 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         |
| 10 | Design of active disturbance rejection control system for morphing flight dynamics. , 2014, , .  |     | 2         |
| 11 | 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         |
| 12 | Linear stability of plane creeping Couette flow for Burgers fluid. <i>Acta Mechanica Sinica/Lixue Xuebao</i> , 2013, 29, 12-23.  | 3.4 | 6         |
| 13 | 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         |
| 14 | 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         |
| 15 | Linear instability of two-fluid Taylorâ€™Couette flow in the presence of surfactant. <i>Journal of Fluid Mechanics</i> , 2010, 651, 357-385.   | 3.4 | 25        |
| 16 | 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         |
| 17 | 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         |
| 18 | OSCILLATORY SQUEEZE FLOW OF ELECTORRHEOLOGICAL FLUID WITH TRANSITIONAL ELECTRIC FIELD. , 2005, , .   |     | 0         |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 19 | Linear stability of Bingham fluids in spiral Couette flow. <i>Journal of Fluid Mechanics</i> , 2004, 512, .                               | 3.4 | 29        |
| 20 | HYDRODYNAMIC CHARACTERISTICS OF ER FLUID FLOWS IN JOURNAL BEARINGS. <i>International Journal of Modern Physics B</i> , 2003, 17, 205-208. | 2.0 | 2         |