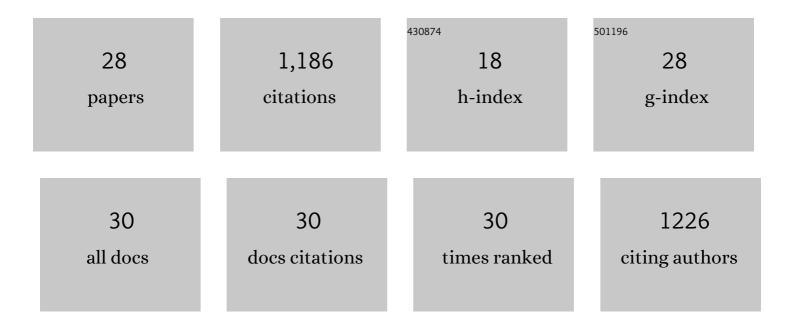
Ivo R Peters

List of Publications by Year in descending order

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INO P DETEDS

| # | Article | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Direct observation of dynamic shear jamming in dense suspensions. Nature, 2016, 532, 214-217. | 27.8 | 249 |
| 2 | Maximal Air Bubble Entrainment at Liquid-Drop Impact. Physical Review Letters, 2012, 109, 264501. | 7.8 | 172 |
| 3 | High-speed ultrasound imaging in dense suspensions reveals impact-activated solidification due to dynamic shear jamming. Nature Communications, 2016, 7, 12243. | 12.8 | 74 |
| 4 | Supersonic Air Flow due to Solid-Liquid Impact. Physical Review Letters, 2010, 104, 024501. | 7.8 | 64 |
| 5 | Highly focused supersonic microjets: numerical simulations. Journal of Fluid Mechanics, 2013, 719, 587-605. | 3.4 | 62 |
| 6 | Highly Focused Supersonic Microjets. Physical Review X, 2012, 2, . | 8.9 | 51 |
| 7 | Bubble collapse and jet formation in corner geometries. Physical Review Fluids, 2018, 3, . | 2.5 | 50 |
| 8 | Receding contact lines: From sliding drops to immersion lithography. European Physical Journal: Special Topics, 2011, 192, 195-205. | 2.6 | 45 |
| 9 | Oscillating and star-shaped drops levitated by an airflow. Physical Review E, 2013, 88, 023017. | 2.1 | 45 |
| 10 | Splash wave and crown breakup after disc impact on a liquid surface. Journal of Fluid Mechanics, 2013, 724, 553-580. | 3.4 | 42 |
| 11 | Collapse and pinch-off of a non-axisymmetric impact-created air cavity in water. Journal of Fluid Mechanics, 2012, 701, 40-58. | 3.4 | 37 |
| 12 | Quasi-2D dynamic jamming in cornstarch suspensions: visualization and force measurements. Soft Matter, 2014, 10, 6564-6570. | 2.7 | 37 |
| 13 | Splashing Onset in Dense Suspension Droplets. Physical Review Letters, 2013, 111, 028301. | 7.8 | 31 |
| 14 | Shear fronts in shear-thickening suspensions. Physical Review Fluids, 2018, 3, . | 2.5 | 31 |
| 15 | Coexistence of Two Singularities in Dewetting Flows: Regularizing the Corner Tip. Physical Review Letters, 2009, 103, 114501. | 7.8 | 29 |
| 16 | Dynamic jamming of iceberg hoked fjords. Geophysical Research Letters, 2015, 42, 1122-1129. | 4.0 | 28 |
| 17 | Dynamic shear jamming in dense granular suspensions under extension. Physical Review E, 2017, 95, 012603. | 2.1 | 28 |
| 18 | Cavity collapse near slot geometries. Journal of Fluid Mechanics, 2020, 901, . | 3.4 | 23 |

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| # | Article | IF | CITATIONS |
|----|--|------|-----------|
| 19 | Jet direction in bubble collapse within rectangular and triangular channels. Physical Review E, 2019, 100, 063105. | 2.1 | 16 |
| 20 | Volume entrained in the wake of a disk intruding into an oil-water interface. Physical Review Fluids, 2016, 1, . | 2.5 | 14 |
| 21 | From splashing to bouncing: The influence of viscosity on the impact of suspension droplets on a solid surface. Physical Review E, 2016, 93, 062609. | 2.1 | 12 |
| 22 | Air flow in a collapsing cavity. Physics of Fluids, 2013, 25, . | 4.0 | 9 |
| 23 | 3D calcite heterostructures for dynamic and deformable mineralized matrices. Nature Communications, 2017, 8, 509. | 12.8 | 7 |
| 24 | Getting jammed in all directions: Dynamic shear jamming around a cylinder towed through a dense suspension. Physical Review Fluids, 2021, 6, . | 2.5 | 7 |
| 25 | Lasting effects of discontinuous shear thickening in cornstarch suspensions upon flow cessation. Physical Review Fluids, 2022, 7, . | 2.5 | 4 |
| 26 | Fast Imaging Technique to Study Drop Impact Dynamics of Non-Newtonian Fluids. Journal of Visualized Experiments, 2014, , . | 0.3 | 1 |
| 27 | Characterizing the surface texture of a dense suspension undergoing dynamic jamming. Experiments in Fluids, 2021, 62, 1. | 2.4 | 0 |
| 28 | Collision of dynamic jamming fronts in a dense suspension. Physical Review Fluids, 2021, 6, . | 2.5 | 0 |