# Sigurdur T Thoroddsen

List of Publications by Year
in descending order



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|---|---|---|---|
| 162 papers | 7,033 citations | 57719 44 h-index | 66879 78 g-index |
| 193 all docs | 193 docs citations | 193 times ranked | 6275 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Stabilization of Leidenfrost vapour layer by textured superhydrophobic surfaces. Nature, 2012, 489, 274-277. | 13.7 | 467 |
| 2 | Solution-printed organic semiconductor blends exhibiting transport properties on par with single crystals. Nature Communications, 2015, 6, 8598. | 5.8 | 219 |
| 3 | The coalescence cascade of a drop. Physics of Fluids, 2000, 12, 1265-1267. | 1.6 | 204 |
| 4 | The coalescence speed of a pendent and a sessile drop. Journal of Fluid Mechanics, 2005, 527, 85-114. | 1.4 | 185 |
| 5 | The air bubble entrapped under a drop impacting on a solid surface. Journal of Fluid Mechanics, 2005, 545, 203. | 1.4 | 182 |
| 6 | Phase Transition Control for High-Performance Blade-Coated Perovskite Solar Cells. Joule, 2018, 2, 1313-1330. | 11.7 | 180 |
| 7 | Evolution of the fingering pattern of an impacting drop. Physics of Fluids, 1998, 10, 1359-1374. | 1.6 | 177 |
| 8 | Drag Reduction by Leidenfrost Vapor Layers. Physical Review Letters, 2011, 106, 214501. | 2.9 | 169 |
| 9 | Air entrapment under an impacting drop. Journal of Fluid Mechanics, 2003, 478, 125-134. | 1.4 | 164 |
| 10 | Spinâ€Cast Bulk Heterojunction Solar Cells: A Dynamical Investigation. Advanced Materials, 2013, 25, 1923-1929. | 11.1 | 163 |
| 11 | The ejecta sheet generated by the impact of a drop. Journal of Fluid Mechanics, 2002, 451, 373-381. | 1.4 | 151 |
| 12 | Experimental study of coating flows in a partially-filled horizontally Rotating cylinder. Experiments in Fluids, 1997, 23, 1-13. | 1.1 | 150 |
| 13 | Semi-metallic, strong and stretchable wet-spun conjugated polymer microfibers. Journal of Materials Chemistry C, 2015, 3, 2528-2538. | 2.7 | 130 |
| 14 | One-dimensional self-confinement promotes polymorph selection in large-area organic semiconductor thin films. Nature Communications, 2014, 5, 3573. | 5.8 | 129 |
| 15 | von KÃ¡rmÃ¡n Vortex Street within an Impacting Drop. Physical Review Letters, 2012, 108, 264506. | 2.9 | 127 |
| 16 | Granular jets. Physics of Fluids, 2001, 13, 4-6. | 1.6 | 126 |
| 17 | Experiments on bubble pinch-off. Physics of Fluids, 2007, 19, 042101. | 1.6 | 123 |
| 18 | High-ampacity conductive polymer microfibers as fast response wearable heaters and electromechanical actuators. Journal of Materials Chemistry C, 2016, 4, 1238-1249. | 2.7 | 100 |

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| 19 | Vertical Phase Separation in Small Molecule:Polymer Blend Organic Thin Film Transistors Can Be Dynamically Controlled. Advanced Functional Materials, 2016, 26, 1737-1746. | 7.8 | 98 |
| 20 | Scaling of the fingering pattern of an impacting drop. Physics of Fluids, 1996, 8, 1344-1346. | 1.6 | 93 |
| 21 | Crown sealing and buckling instability during water entry of spheres. Journal of Fluid Mechanics, 2016, 794, 506-529. | 1.4 | 92 |
| 22 | Drop impact entrapment of bubble rings. Journal of Fluid Mechanics, 2013, 724, 234-258. | 1.4 | 88 |
| 23 | Spray and microjets produced by focusing a laser pulse into a hemispherical drop. Physics of Fluids, 2009, 21, . | 1.6 | 83 |
| 24 | Water entry without surface seal: extended cavity formation. Journal of Fluid Mechanics, 2014, 743, 295-326. | 1.4 | 82 |
| 25 | Time-resolved imaging of a compressible air disc under a drop impacting on a solid surface. Journal of Fluid Mechanics, 2015, 780, 636-648. | 1.4 | 81 |
| 26 | Micro-bubble morphologies following drop impacts onto a pool surface. Journal of Fluid Mechanics, 2012, 708, 469-479. | 1.4 | 79 |
| 27 | Satellite Formation during Coalescence of Unequal Size Drops. Physical Review Letters, 2009, 102, 104502. | 2.9 | 77 |
| 28 | Micro-splashing by drop impacts. Journal of Fluid Mechanics, 2012, 706, 560-570. | 1.4 | 74 |
| 29 | Droplet Splashing by a Slingshot Mechanism. Physical Review Letters, 2011, 106, 034501. | 2.9 | 70 |
| 30 | Drop impact into a deep pool: vortex shedding and jet formation. Journal of Fluid Mechanics, 2015, 764, . | 1.4 | 70 |
| 31 | The initial coalescence of miscible drops. Physics of Fluids, 2007, 19, . | 1.6 | 67 |
| 32 | Propagation of capillary waves and ejection of small droplets in rapid droplet spreading. Journal of Fluid Mechanics, 2012, 697, 92-114. | 1.4 | 65 |
| 33 | Leidenfrost vapour layer moderation of the drag crisis and trajectories of superhydrophobic and hydrophilic spheres falling in water. Soft Matter, 2014, 10, 5662-5668. | 1.2 | 63 |
| 34 | Impact jetting by a solid sphere. Journal of Fluid Mechanics, 2004, 499, 139-148. | 1.4 | 62 |
| 35 | Exponential tails and skewness of density-gradient probability density functions in stably stratified turbulence. Journal of Fluid Mechanics, 1992, 244, 547. | 1.4 | 61 |
| 36 | Vortex-ring-induced large bubble entrainment during drop impact. Physical Review E, 2016, 93, 033128. | 0.8 | 59 |

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| 37 | Rainbow particle imaging velocimetry for dense 3D fluid velocity imaging. ACM Transactions on Graphics, 2017, 36, 1-14. | 4.9 | 57 |
| 38 | Bubble entrapment through topological change. Physics of Fluids, 2010, 22, . | 1.6 | 54 |
| 39 | Experimental evidence supporting Kolmogorovâ€™s refined similarity hypothesis. Physics of Fluids A, Fluid Dynamics, 1992, 4, 2592-2594. | 1.6 | 52 |
| 40 | Self-determined shapes and velocities of giant near-zero drag gas cavities. Science Advances, 2017, 3, e1701558. | 4.7 | 52 |
| 41 | Dynamic Air Layer on Textured Superhydrophobic Surfaces. Langmuir, 2013, 29, 11074-11081. | 1.6 | 50 |
| 42 | Crown breakup by Marangoni instability. Journal of Fluid Mechanics, 2006, 557, 63. | 1.4 | 48 |
| 43 | Satellite generation during bubble coalescence. Physics of Fluids, 2008, 20, . | 1.6 | 46 |
| 44 | Unraveling the Order and Disorder in Poly(3,4-ethylenedioxythiophene)/Poly(styrenesulfonate) Nanofilms. Macromolecules, 2015, 48, 5688-5696. | 2.2 | 46 |
| 45 | Cavity formation by the impact of Leidenfrost spheres. Journal of Fluid Mechanics, 2012, 699, 465-488. | 1.4 | 44 |
| 46 | Probing the nanoscale: the first contact of an impacting drop. Journal of Fluid Mechanics, 2015, 785, . | 1.4 | 44 |
| 47 | On the formation of hydrogen peroxide in water microdroplets. Chemical Science, 2022, 13, 2574-2583. | 3.7 | 44 |
| 48 | On the coalescence speed of bubbles. Physics of Fluids, 2005, 17, 071703. | 1.6 | 43 |
| 49 | A â€œtwistedâ€• microfluidic mixer suitable for a wide range of flow rate applications. Biomicrofluidics, 2016, 10, 034120. | 1.2 | 43 |
| 50 | Droplet generation in cross-flow for cost-effective 3D-printed â€œplug-and-playâ€• microfluidic devices. RSC Advances, 2016, 6, 81120-81129. | 1.7 | 42 |
| 51 | A simple and low-cost fully 3D-printed non-planar emulsion generator. RSC Advances, 2016, 6, 2793-2799. | 1.7 | 42 |
| 52 | The deformation of a liquid film flowing down an inclined plane wall over a small particle arrested on the wall. Physics of Fluids A, Fluid Dynamics, 1991, 3, 2546-2558. | 1.6 | 41 |
| 53 | Double Contact During Drop Impact on a Solid Under Reduced Air Pressure. Physical Review Letters, 2017, 119, 214502. | 2.9 | 41 |
| 54 | Coalescence Dynamics of Mobile and Immobile Fluid Interfaces. Langmuir, 2018, 34, 2096-2108. | 1.6 | 41 |

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| 55 | Drag crisis moderation by thin air layers sustained on superhydrophobic spheres falling in water. Soft Matter, 2018, 14, 1608-1613. | 1.2 | 40 |
| 56 | Evolution of fluid-like granular ejecta generated by sphere impact. Journal of Fluid Mechanics, 2012, 704, 5-36. | 1.4 | 39 |
| 57 | Tomographic Particle Image Velocimetry using Smartphones and Colored Shadows. Scientific Reports, 2017, 7, 3714. | 1.6 | 38 |
| 58 | Sphere impact and penetration into wet sand. Physical Review E, 2012, 86, 020301. | 0.8 | 37 |
| 59 | Highly Efficient Thermoresponsive Nanocomposite for Controlled Release Applications. Scientific Reports, 2016, 6, 28539. | 1.6 | 37 |
| 60 | Stableâ€“streamlined and helical cavities following the impact of Leidenfrost spheres. Journal of Fluid Mechanics, 2017, 823, 716-754. | 1.4 | 37 |
| 61 | Asymmetric liquid wetting and spreading on surfaces with slanted micro-pillar arrays. Soft Matter, 2013, 9, 11113. | 1.2 | 36 |
| 62 | A co-flow-focusing monodisperse microbubble generator. Journal of Micromechanics and Microengineering, 2014, 24, 035008. | 1.5 | 36 |
| 63 | Partial coalescence from bubbles to drops. Journal of Fluid Mechanics, 2015, 782, 209-239. | 1.4 | 36 |
| 64 | Leidenfrost Vapor Layers Reduce Drag without the Crisis in High Viscosity Liquids. Physical Review Letters, 2016, 117, 114503. | 2.9 | 36 |
| 65 | Bubble entrapment during sphere impact onto quiescent liquid surfaces. Journal of Fluid Mechanics, 2011, 680, 660-670. | 1.4 | 35 |
| 66 | Squeeze flow of a Carreau fluid during sphere impact. Physics of Fluids, 2012, 24, . | 1.6 | 35 |
| 67 | Impact of ultra-viscous drops: air-film gliding and extreme wetting. Journal of Fluid Mechanics, 2017, 813, 647-666. | 1.4 | 33 |
| 68 | Singular jets during the collapse of drop-impact craters. Journal of Fluid Mechanics, 2018, 848, . | 1.4 | 33 |
| 69 | Mobile-surface bubbles and droplets coalesce faster but bounce stronger. Science Advances, 2019, 5, eaaw4292. | 4.7 | 33 |
| 70 | Reevaluation of the experimental support for the Kolmogorov refined similarity hypothesis. Physics of Fluids, 1995, 7, 691-693. | 1.6 | 31 |
| 71 | Antibubbles and fine cylindrical sheets of air. Journal of Fluid Mechanics, 2015, 779, 87-115. | 1.4 | 31 |
| 72 | The air entrapment under a drop impacting on a nano-rough surface. Soft Matter, 2018, 14, 7586-7596. | 1.2 | 31 |

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| 73 | Microjetting from wave focusing on oscillating drops. Physics of Fluids, 2007, 19, 052101. | 1.6 | 29 |
| 74 | Scanning tomographic particle image velocimetry applied to a turbulent jet. Physics of Fluids, 2013, 25, . | 1.6 | 29 |
| 75 | Stabilization of Thin Liquid Films by Repulsive van der Waals Force. Langmuir, 2014, 30, 5162-5169. | 1.6 | 27 |
| 76 | Single-camera 3D PTV using particle intensities and structured light. Experiments in Fluids, 2019, 60, 1. | 1.1 | 27 |
| 77 | To Split or Not to Split: Dynamics of an Air Disk Formed under a Drop Impacting on a Pool. Physical Review Letters, 2020, 124, 184501. | 2.9 | 26 |
| 78 | Satellite formation during bubble transition through an interface between immiscible liquids. Journal of Fluid Mechanics, 2014, 744, . | 1.4 | 25 |
| 79 | Formation of microbeads during vapor explosions of Field's metal in water. Physical Review E, 2016, 93, 063108. | 0.8 | 25 |
| 80 | Gliding on a layer of air: impact of a large-viscosity drop on a liquid film. Journal of Fluid Mechanics, 2019, 878, . | 1.4 | 25 |
| 81 | Droplet impacts onto soft solids entrap more air. Soft Matter, 2020, 16, 5702-5710. | 1.2 | 25 |
| 82 | Simple and inexpensive microfluidic devices for the generation of monodisperse multiple emulsions. Journal of Micromechanics and Microengineering, 2014, 24, 015019. | 1.5 | 24 |
| 83 | Experiments on the breakup of drop-impact crowns by Marangoni holes. Journal of Fluid Mechanics, 2018, 844, 162-186. | 1.4 | 23 |
| 84 | Multitude of dimple shapes can produce singular jets during the collapse of immiscible drop-impact craters. Journal of Fluid Mechanics, 2020, 904, . | 1.4 | 23 |
| 85 | Superhydrophobicity and size reduction enabled Halobates (Insecta: Heteroptera, Gerridae) to colonize the open ocean. Scientific Reports, 2020, 10, 7785. | 1.6 | 22 |
| 86 | Experiments on density-gradient anisotropies and scalar dissipation of turbulence in a stably stratified fluid. Journal of Fluid Mechanics, 1996, 322, 383-409. | 1.4 | 21 |
| 87 | Early azimuthal instability during drop impact. Journal of Fluid Mechanics, 2018, 848, 821-835. | 1.4 | 21 |
| 88 | Effect of specific cathode surface area on biofouling in an anaerobic electrochemical membrane bioreactor: Novel insights using high-speed video camera. Journal of Membrane Science, 2019, 577, 176-183. | 4.1 | 20 |
| 89 | Wave patterns in a thin layer of sand within a rotating horizontal cylinder. Physics of Fluids, 1998, 10, 10-12. | 1.6 | 19 |
| 90 | Direct verification of the lubrication force on a sphere travelling through a viscous film upon approach to a solid wall. Journal of Fluid Mechanics, 2010, 655, 515-526. | 1.4 | 19 |

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| 91 | Navier slip model of drag reduction by Leidenfrost vapor layers. Physics of Fluids, 2017, 29, . | 1.6 | 19 |
| 92 | Ultra-high speed visualization of a flash-boiling jet in a low-pressure environment. International Journal of Multiphase Flow, 2019, 110, 238-255. | 1.6 | 19 |
| 93 | The fastest drop climbing on a wet conical fibre. Physics of Fluids, 2013, 25, 052105. | 1.6 | 18 |
| 94 | Stable-streamlined cavities following the impact of non-superhydrophobic spheres on water. Soft Matter, 2019, 15, 6278-6287. | 1.2 | 18 |
| 95 | Jetting from an impacting drop containing a particle. Physics of Fluids, 2020, 32, . | 1.6 | 18 |
| 96 | Qualitative flow visualization using colored lights and reflective flakes. Physics of Fluids, 1999, 11, 1702-1704. | 1.6 | 17 |
| 97 | Evaporative Lithography in Open Microfluidic Channel Networks. Langmuir, 2017, 33, 2861-2871. | 1.6 | 17 |
| 98 | Marangoni instability of two liquids mixing at a free surface. Physics of Fluids, 1998, 10, 3038-3040. | 1.6 | 16 |
| 99 | Impact of granular drops. Physical Review E, 2013, 88, 010201. | 0.8 | 16 |
| 100 | Foam-Film-Stabilized Liquid Bridge Networks in Evaporative Lithography and Wet Granular Matter. Langmuir, 2013, 29, 4966-4973. | 1.6 | 16 |
| 101 | Giant drag reduction on Leidenfrost spheres evaluated from extended free-fall trajectories. Experimental Thermal and Fluid Science, 2019, 102, 181-188. | 1.5 | 16 |
| 102 | Contraction of an air disk caught between two different liquids. Physical Review E, 2013, 88, 061001. | 0.8 | 15 |
| 103 | Soft colloidal probes for AFM force measurements between water droplets in oil. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2014, 462, 259-263. | 2.3 | 15 |
| 104 | Partial coalescence of a drop on a larger-viscosity pool. Physics of Fluids, 2020, 32, . | 1.6 | 15 |
| 105 | Free-Rising Bubbles Bounce More Strongly from Mobile than from Immobile Waterâ€“Air Interfaces. Langmuir, 2020, 36, 5908-5918. | 1.6 | 15 |
| 106 | Cavitation structures formed during the rebound of a sphere from a wetted surface. Experiments in Fluids, 2011, 50, 729-746. | 1.1 | 14 |
| 107 | Drag Moderation by the Melting of an Ice Surface in Contact with Water. Physical Review Letters, 2015, 115, 044501. | 2.9 | 14 |
| 108 | Free-surface entrainment into a rimming flow containing surfactants. Physics of Fluids, 2004, 16, L13-L16. | 1.6 | 13 |

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| 109 | Apex jets from impacting drops. Journal of Fluid Mechanics, 2008, 614, 293-302. | 1.4 | 13 |
| 110 | The making of a splash. Journal of Fluid Mechanics, 2012, 690, 1-4. | 1.4 | 13 |
| 111 | A droplet reactor on a super-hydrophobic surface allows control and characterization of amyloid fibril growth. Communications Biology, 2020, 3, 457. | 2.0 | 13 |
| 112 | Stick-slip substructure in rapid tape peeling. Physical Review E, 2010, 82, 046107. | 0.8 | 12 |
| 113 | Fine radial jetting during the impact of compound drops. Journal of Fluid Mechanics, 2020, 883, . | 1.4 | 12 |
| 114 | Vortex-induced buckling of a viscous drop impacting a pool. Physical Review Fluids, 2017, 2, . | 1.0 | 11 |
| 115 | Laser-induced micro-jetting from armored droplets. Experiments in Fluids, 2015, 56, 1. | 1.1 | 10 |
| 116 | Acoustic separation of oil droplets, colloidal particles and their mixtures in a microfluidic cell. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2016, 506, 138-147. | 2.3 | 10 |
| 117 | Effects of interface mobility on the dynamics of colliding bubbles. Current Opinion in Colloid and Interface Science, 2022, 57, 101540. | 3.4 | 10 |
| 118 | Coalescence time of water-in-oil emulsions under shear. Chemical Engineering Science, 2022, 250, 117257. | 1.9 | 10 |
| 119 | Experiments on homogeneous turbulence in an unstably stratified fluid. Physics of Fluids, 1998, 10, 3155-3167. | 1.6 | 9 |
| 120 | Puncturing a drop using surfactants. Journal of Fluid Mechanics, 2005, 530, 295-304. | 1.4 | 9 |
| 121 | When superhydrophobicity can be a drag: Ventilated cavitation and splashing effects in hydrofoil and speed-boat models tests. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2021, 628, 127344. | 2.3 | 9 |
| 122 | RainbowPIV with improved depth resolutionâ€"design and comparative study with TomoPIV. Measurement Science and Technology, 2021, 32, 025401. | 1.4 | 9 |
| 123 | Jet breakup in superfluid and normal liquid <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>He</mml:mi><mml:mprescripts /><mml:none /><mml:mn>4</mml:mn></mml:mmultiscripts></mml:math>. Physical Review Fluids, 2020, 5, . | 1.0 | 9 |
| 124 | The effects of a vertical contraction on turbulence dynamics in a stably stratified fluid. Journal of Fluid Mechanics, 1995, 285, 371. | 1.4 | 8 |
| 125 | Droplet genealogy. Nature Physics, 2006, 2, 223-224. | 6.5 | 8 |
| 126 | DEWETTING AT THE CENTER OF A DROP IMPACT. Modern Physics Letters B, 2009, 23, 361-364. | 1.0 | 8 |

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| 127 | Vortex-induced vapor explosion during drop impact on a superheated pool. Experimental Thermal and Fluid Science, 2017, 87, 60-68. | 1.5 | 8 |
| 128 | Cavitation upon low-speed solidâ€"liquid impact. Nature Communications, 2021, 12, 7250. | 5.8 | 8 |
| 129 | Leaping shampoo glides on a lubricating air layer. Physical Review E, 2013, 87, 061001. | 0.8 | 7 |
| 130 | The onset of cavitation during the collision of a sphere with a wetted surface. Experiments in Fluids, 2014, 55, 1. | 1.1 | 7 |
| 131 | Cavitation structures formed during the collision of a sphere with an ultra-viscous wetted surface. Journal of Fluid Mechanics, 2016, 796, 473-515. | 1.4 | 7 |
| 132 | The effect of ambient pressure on ejecta sheets from free-surface ablation. Experiments in Fluids, 2016, 57, 1. | 1.1 | 7 |
| 133 | A new image-based microfluidic method to test demulsifier enhancement of coalescence-rate, for water droplets in crude oil. Journal of Petroleum Science and Engineering, 2022, 208, 109720. | 2.1 | 7 |
| 134 | Ejecta evolution during cone impact. Journal of Fluid Mechanics, 2014, 752, 410-438. | 1.4 | 6 |
| 135 | Interferometry and Simulation of the Thin Liquid Film between a Free-Rising Bubble and a Glass Substrate. Langmuir, 2022, 38, 2363-2371. | 1.6 | 6 |
| 136 | Development of a drop-on-demand system for multiple material dispensing. , 2008, , . | | 5 |
| 137 | Multi-layer film flow down an inclined plane: experimental investigation. Experiments in Fluids, 2014, 55, 1. | 1.1 | 5 |
| 138 | Magnetically Triggered Monodispersed Nanocomposite Fabricated by Microfluidic Approach for Drug Delivery. International Journal of Polymer Science, 2016, 2016, 1-8. | 1.2 | 5 |
| 139 | Evolution of toroidal free-rim perturbations on an expanding circular liquid sheet. Experiments in Fluids, 2018, 59, 1. | 1.1 | 5 |
| 140 | Hydrodynamic regimes and drag on horizontally pulled floating spheres. Physics of Fluids, 2021, 33, 093308. | 1.6 | 5 |
| 141 | Air-bubble entrapment due to a drop. , 2005, , . | | 4 |
| 142 | Penetration in bimodal, polydisperse granular material. Physical Review E, 2016, 94, 052902. | 0.8 | 4 |
| 143 | The alignment of vortical structures in turbulent flow through a contraction. Journal of Fluid Mechanics, 2020, 884, . | 1.4 | 4 |
| 144 | Stably stratified turbulence subjected to a constant area vertical expansion. Physics of Fluids, 1995, 7, 1165-1167. | 1.6 | 3 |

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| 145 | IS SEGREGATION-BY-PARTICLE-TYPE A GENERIC MECHANISM UNDERLYING FINGER FORMATION AT FRONTS OF FLOWING GRANULAR MEDIA?. Particulate Science and Technology, 1999, 17, 141-147. | 1.1 | 3 |
| 146 | Laser-induced onset of electrospinning. Physical Review E, 2010, 81, 035302. | 0.8 | 3 |
| 147 | Generation of ultra-sound during tape peeling. Scientific Reports, 2015, 4, 4326. | 1.6 | 3 |
| 148 | How drain flies manage to almost never get washed away. Scientific Reports, 2020, 10, 17829. | 1.6 | 3 |
| 149 | Conditional sampling of dissipation in moderate Reynolds number grid turbulence. Physics of Fluids, 1996, 8, 1333-1335. | 1.6 | 2 |
| 150 | Latex particle template lift-up guided gold wire-networks via evaporation lithography. RSC Advances, 2014, 4, 59118-59121. | 1.7 | 2 |
| 151 | High-Speed Interferometry Under Impacting Drops. , 2018, , 321-341. | | 2 |
| 152 | High-Speed Time-Resolved Tomographic Particle Shadow Velocimetry Using Smartphones. Applied Sciences (Switzerland), 2020, 10, 7094. | 1.3 | 2 |
| 153 | Direct imaging of polymer filaments pulled from rebounding drops. Soft Matter, 2022, 18, 5097-5105. | 1.2 | 2 |
| 154 | Baroclinic generation of vorticity by an axisymmetric vortex in a linearly stratified fluid; in the passive limit. Physics of Fluids, 1996, 8, 2774-2776. | 1.6 | 1 |
| 155 | Technical Report: Development of a Piezoelectric Inkjet Dopant Delivery Device for an Atmospheric Pressure Photoionization Source with Liquid Chromatography/Mass Spectrometry. European Journal of Mass Spectrometry, 2013, 19, 325-334. | 0.5 | 1 |
| 156 | Stability of an unsupported multi-layer surfactant laden liquid curtain under gravity. Journal of Engineering Mathematics, 2016, 99, 119-136. | 0.6 | 1 |
| 157 | Impact and lifecycle of superfluid helium drops on a solid surface. Physical Review Fluids, 2020, 5, . | 1.0 | 1 |
| 158 | Bubble eruptions in a multilayer Hele-Shaw flow. Physical Review E, 2022, 105, 045101. | 0.8 | 1 |
| 159 | Probing the nanoscale with high-speed interferometry of an impacting drop. Proceedings of SPIE, 2017, , . | 0.8 | 0 |
| 160 | Spreading of Normal Liquid Helium Drops. Physical Review E, 2020, 102, 043105. | 0.8 | 0 |
| 161 | 10.1063/1.5139534.8. , 2020, , . | | 0 |
| 162 | Poster: Bouncing with filaments. , 0, , . | | 0 |