Demetrios Papageorgiou

List of Publications by Citations

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128 papers

2,820 citations

29 h-index

47 g-index

130 ext. papers

3,159 ext. citations

3.2 avg, IF

5.51 L-index

| # | Paper | IF | Citations |
|-----|---|----------|-----------|
| 128 | On the breakup of viscous liquid threads. <i>Physics of Fluids</i> , 1995 , 7, 1529-1544 | 4.4 | 433 |
| 127 | Nonlinear interfacial stability of core-annular film flows. <i>Physics of Fluids A, Fluid Dynamics</i> , 1990 , 2, 340 | -352 | 94 |
| 126 | Pinchoff and satellite formation in surfactant covered viscous threads. <i>Physics of Fluids</i> , 2002 , 14, 1364- | -1,3,7,6 | 74 |
| 125 | Wave evolution on electrified falling films. <i>Journal of Fluid Mechanics</i> , 2006 , 556, 361 | 3.7 | 72 |
| 124 | Analytical description of the breakup of liquid jets. <i>Journal of Fluid Mechanics</i> , 1995 , 301, 109-132 | 3.7 | 7° |
| 123 | Linear stability of a two-fluid interface for electrohydrodynamic mixing in a channel. <i>Journal of Fluid Mechanics</i> , 2007 , 583, 347-377 | 3.7 | 66 |
| 122 | Monodisperse drop formation in square microchannels. <i>Physical Review Letters</i> , 2006 , 96, 144501 | 7.4 | 66 |
| 121 | Theory and experiments on the stagnant cap regime in the motion of spherical surfactant-laden bubbles. <i>Journal of Fluid Mechanics</i> , 2006 , 559, 1 | 3.7 | 66 |
| 120 | Temporal instability of compound threads and jets. <i>Journal of Fluid Mechanics</i> , 2000 , 420, 1-25 | 3.7 | 58 |
| 119 | Electrified viscous thin film flow over topography. <i>Journal of Fluid Mechanics</i> , 2008 , 597, 449-475 | 3.7 | 56 |
| 118 | Large-amplitude capillary waves in electrified fluid sheets. <i>Journal of Fluid Mechanics</i> , 2004 , 508, 71-88 | 3.7 | 56 |
| 117 | Dynamics and rupture of planar electrified liquid sheets. <i>Physics of Fluids</i> , 2001 , 13, 3547-3563 | 4.4 | 56 |
| 116 | Predicting chaos for infinite dimensional dynamical systems: the Kuramoto-Sivashinsky equation, a case study. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1991 , 88, 11129-32 | 11.5 | 50 |
| 115 | On the control and suppression of the Rayleigh-Taylor instability using electric fields. <i>Physics of Fluids</i> , 2014 , 26, 022105 | 4.4 | 40 |
| 114 | Linear instability of the wake behind a flat plate placed parallel to a uniform stream. <i>Journal of Fluid Mechanics</i> , 1989 , 208, 67-89 | 3.7 | 40 |
| 113 | Noise induced state transitions, intermittency, and universality in the noisy Kuramoto-Sivashinksy equation. <i>Physical Review Letters</i> , 2011 , 106, 060602 | 7.4 | 39 |
| 112 | Increased mobility of a surfactant-retarded bubble at high bulk concentrations. <i>Journal of Fluid Mechanics</i> , 1999 , 390, 251-270 | 3.7 | 39 |

(2011-2014)

| 111 | Electrostatic suppression of the "coffee stain effect". <i>Langmuir</i> , 2014 , 30, 5849-58 | 4 | 38 |
|-----|---|-----|----|
| 110 | Numerical study of electric field effects on the deformation of two-dimensional liquid drops in simple shear flow at arbitrary Reynolds number. <i>Journal of Fluid Mechanics</i> , 2009 , 626, 367-393 | 3.7 | 37 |
| 109 | Stability of film flow over inclined topography based on a long-wave nonlinear model. <i>Journal of Fluid Mechanics</i> , 2013 , 729, 638-671 | 3.7 | 35 |
| 108 | Effect of an electric field on film flow down a corrugated wall at zero Reynolds number. <i>Physics of Fluids</i> , 2008 , 20, 042103 | 4.4 | 34 |
| 107 | Influence of insoluble surfactant on the deformation and breakup of a bubble or thread in a viscous fluid. <i>Journal of Fluid Mechanics</i> , 2008 , 594, 307-340 | 3.7 | 32 |
| 106 | Suppression of Rayleigh Taylor instability using electric fields. <i>Mathematics and Computers in Simulation</i> , 2012 , 82, 1008-1016 | 3.3 | 31 |
| 105 | Breakup of surfactant-laden jets above the critical micelle concentration. <i>Journal of Fluid Mechanics</i> , 2009 , 629, 195-219 | 3.7 | 31 |
| 104 | Film Flows in the Presence of Electric Fields. <i>Annual Review of Fluid Mechanics</i> , 2019 , 51, 155-187 | 22 | 31 |
| 103 | The effect of electric fields on the rupture of thin viscous films by van der Waals forces. <i>Physics of Fluids</i> , 2003 , 15, 641-652 | 4.4 | 30 |
| 102 | Dynamics of liquid jets and threads under the action of radial electric fields: Microthread formation and touchdown singularities. <i>Physics of Fluids</i> , 2009 , 21, 032109 | 4.4 | 29 |
| 101 | A global attracting set for nonlocal KuramotoBivashinsky equations arising in interfacial electrohydrodynamics. <i>European Journal of Applied Mathematics</i> , 2006 , 17, 677 | 1 | 29 |
| 100 | Temporal and spatial instability of an inviscid compound jet. <i>Rheologica Acta</i> , 1996 , 35, 567-583 | 2.3 | 29 |
| 99 | An asymptotic theory for the linear stability of a core#nnular flow in the thin annular limit. <i>Journal of Fluid Mechanics</i> , 1992 , 243, 653 | 3.7 | 29 |
| 98 | Antisymmetric capillary waves in electrified fluid sheets. <i>European Journal of Applied Mathematics</i> , 2004 , 15, 609-623 | 1 | 28 |
| 97 | Generation of interfacial instabilities in charged electrified viscous liquid films. <i>Journal of Engineering Mathematics</i> , 2004 , 50, 223-240 | 1.2 | 28 |
| 96 | Gravity capillary waves in fluid layers under normal electric fields. <i>Physical Review E</i> , 2005 , 72, 051601 | 2.4 | 28 |
| 95 | Dynamics of a viscous thread surrounded by another viscous fluid in a cylindrical tube under the action of a radial electric field: breakup and touchdown singularities. <i>Journal of Fluid Mechanics</i> , 2011 , 683, 27-56 | 3.7 | 27 |
| 94 | Breakup of an electrified viscous thread with charged surfactants. <i>Physics of Fluids</i> , 2011 , 23, 022103 | 4.4 | 27 |

93 Nonlinear Dynamics of Electrified Thin Liquid Films. SIAM Journal on Applied Mathematics, 2007, 67, 1310£8329 27

| 92 | Linear instability of the supersonic wake behind a flat plate aligned with a uniform stream. <i>Theoretical and Computational Fluid Dynamics</i> , 1990 , 1, 327-348 | 2.3 | 27 |
|----|---|-----|----|
| 91 | A new application of the Kortewegde Vries Benjamin-Ono equation in interfacial electrohydrodynamics. <i>Physics of Fluids</i> , 2007 , 19, 031703 | 4.4 | 26 |
| 90 | On compound liquid threads with large viscosity contrasts. <i>Journal of Fluid Mechanics</i> , 2005 , 533, | 3.7 | 23 |
| 89 | Dynamics and stability of an annular electrolyte film. Journal of Fluid Mechanics, 2010, 656, 481-506 | 3.7 | 22 |
| 88 | Interfacial capillary waves in the presence of electric fields. <i>European Journal of Mechanics, B/Fluids</i> , 2007 , 26, 404-421 | 2.4 | 22 |
| 87 | The onset of chaos in a class of NavierBtokes solutions. <i>Journal of Fluid Mechanics</i> , 1999 , 393, 59-87 | 3.7 | 21 |
| 86 | Stabilizing non-trivial solutions of the generalized KuramotoBivashinsky equation using feedback and optimal control. <i>IMA Journal of Applied Mathematics</i> , 2017 , 82, 158-194 | 1 | 20 |
| 85 | Nusselt numbers for Poiseuille flow over isoflux parallel ridges accounting for meniscus curvature. Journal of Fluid Mechanics, 2017 , 811, 315-349 | 3.7 | 20 |
| 84 | Nonlinear stability of a charged electrified viscous liquid sheet under the action of a horizontal electric field. <i>Physics of Fluids</i> , 2006 , 18, 042102 | 4.4 | 20 |
| 83 | Stabilising falling liquid film flows using feedback control. <i>Physics of Fluids</i> , 2016 , 28, 012107 | 4.4 | 18 |
| 82 | Nonlinear development of two-layer Couette P oiseuille flow in the presence of surfactant. <i>Physics of Fluids</i> , 2010 , 22, 102102 | 4.4 | 17 |
| 81 | An experimental investigation of the convective instability of a jet. <i>Chemical Engineering Science</i> , 2003 , 58, 2421-2432 | 4.4 | 17 |
| 80 | Stability of oscillatory two-phase Couette flow. IMA Journal of Applied Mathematics, 1994, 53, 75-93 | 1 | 17 |
| 79 | Three-dimensional high speed drop impact onto solid surfaces at arbitrary angles. <i>International Journal of Multiphase Flow</i> , 2018 , 107, 192-207 | 3.6 | 17 |
| 78 | Computational Study of the Dispersively Modified KuramotoBivashinsky Equation. <i>SIAM Journal of Scientific Computing</i> , 2012 , 34, A792-A813 | 2.6 | 16 |
| 77 | Using surfactants to stabilize two-phase pipe flows of core⊞nnular type. <i>Journal of Fluid Mechanics</i> , 2012 , 704, 333-359 | 3.7 | 16 |
| 76 | The absolute instability of an inviscid compound jet. <i>Journal of Fluid Mechanics</i> , 2006 , 549, 81 | 3.7 | 16 |

(1991-1998)

| 75 | Study of Cylindrical Jet Breakup Using One-Dimensional Approximations of the Euler Equations. <i>SIAM Journal on Applied Mathematics</i> , 1998 , 59, 286-317 | 1.8 | 15 |
|----------------------|--|---------------------------|----------------|
| 74 | Accurate Calculation and Instability of Supersonic Wake Flows. <i>Advances in Soil Science</i> , 1990 , 216-229 | | 15 |
| 73 | An in-depth numerical study of the two-dimensional Kuramoto-Sivashinsky equation. <i>Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences</i> , 2015 , 471, 20140932 | 2.4 | 14 |
| 72 | Nonlinear dynamics of surfactant-laden two-fluid Couette flows in the presence of inertia. <i>Journal of Fluid Mechanics</i> , 2016 , 802, 5-36 | 3.7 | 14 |
| 71 | Controlling spatiotemporal chaos in active dissipative-dispersive nonlinear systems. <i>Physical Review E</i> , 2015 , 92, 022912 | 2.4 | 14 |
| 70 | Electrified coating flows on vertical fibres: enhancement or suppression of interfacial dynamics. <i>Journal of Fluid Mechanics</i> , 2013 , 735, 427-456 | 3.7 | 14 |
| 69 | Linearly implicit methods for a semilinear parabolic system arising in two-phase flows. <i>IMA Journal of Numerical Analysis</i> , 2011 , 31, 299-321 | 1.8 | 14 |
| 68 | Buoyancy-driven motion of a two-dimensional bubble or drop through a viscous liquid in the presence of a vertical electric field. <i>Theoretical and Computational Fluid Dynamics</i> , 2009 , 23, 375-399 | 2.3 | 13 |
| 67 | Non-linear waves in electrified viscous film flow down a vertical cylinder. <i>IMA Journal of Applied Mathematics</i> , 2012 , 77, 430-440 | 1 | 13 |
| 66 | Viscous Electrified Film Flow over Step Topography. SIAM Journal on Applied Mathematics, 2009, 70, 84 | ·5 <u>-1</u> 8 % 5 | 13 |
| 65 | Dynamics of fully nonlinear capillary-gravity solitary waves under normal electric fields. <i>Journal of</i> | | |
| 05 | Engineering Mathematics, 2018 , 108, 107-122 | 1.2 | 12 |
| 64 | | 3.7 | 12 |
| | Engineering Mathematics, 2018 , 108, 107-122 | 3.7 1.2 | |
| 64 | Interfacial instability in electrified plane Couette flow. <i>Journal of Fluid Mechanics</i> , 2011 , 666, 155-188 Electrified film flow over step topography at zero Reynolds number: an analytical and | 3.7 | 12 |
| 64 | Interfacial instability in electrified plane Couette flow. <i>Journal of Fluid Mechanics</i> , 2011 , 666, 155-188 Electrified film flow over step topography at zero Reynolds number: an analytical and computational study. <i>Journal of Engineering Mathematics</i> , 2011 , 69, 169-183 Nonlinear dynamics of core-annular film flows in the presence of surfactant. <i>Journal of Fluid</i> | 3.7 | 12 |
| 64 63 62 | Interfacial instability in electrified plane Couette flow. <i>Journal of Fluid Mechanics</i> , 2011 , 666, 155-188 Electrified film flow over step topography at zero Reynolds number: an analytical and computational study. <i>Journal of Engineering Mathematics</i> , 2011 , 69, 169-183 Nonlinear dynamics of core-annular film flows in the presence of surfactant. <i>Journal of Fluid Mechanics</i> , 2009 , 626, 415-448 Numerical and analytical studies of non-linear gravity capillary waves in fluid layers under normal | 3·7 1.2 3·7 | 12 12 |
| 64 63 62 61 | Interfacial instability in electrified plane Couette flow. <i>Journal of Fluid Mechanics</i> , 2011 , 666, 155-188 Electrified film flow over step topography at zero Reynolds number: an analytical and computational study. <i>Journal of Engineering Mathematics</i> , 2011 , 69, 169-183 Nonlinear dynamics of core-annular film flows in the presence of surfactant. <i>Journal of Fluid Mechanics</i> , 2009 , 626, 415-448 Numerical and analytical studies of non-linear gravity capillary waves in fluid layers under normal electric fields. <i>IMA Journal of Applied Mathematics</i> , 2007 , 72, 832-853 | 3·7 1.2 3·7 | 12 12 12 |

| 57 | Falling liquid films with blowing and suction. <i>Journal of Fluid Mechanics</i> , 2016 , 787, 292-330 | 3.7 | 11 |
|----|---|---------------|----|
| 56 | Three-dimensional wave evolution on electrified falling films. Journal of Fluid Mechanics, 2017, 822, 54- | 7 9 .7 | 10 |
| 55 | Surfactant destabilization and non-linear phenomena in two-fluid shear flows at small Reynolds numbers. <i>IMA Journal of Applied Mathematics</i> , 2012 , 77, 351-360 | 1 | 10 |
| 54 | Absolute and Convective Instability for Evolution PDEs on the Half-Line. <i>Studies in Applied Mathematics</i> , 2005 , 114, 95-114 | 2.1 | 10 |
| 53 | Two-layer electrified pressure-driven flow in topographically structured channels. <i>Journal of Fluid Mechanics</i> , 2017 , 814, 222-248 | 3.7 | 9 |
| 52 | On the analyticity of certain dissipativedispersive systems. <i>Bulletin of the London Mathematical Society</i> , 2013 , 45, 52-60 | 0.9 | 9 |
| 51 | Nonlinear interfacial dynamics in stratified multilayer channel flows. <i>Journal of Fluid Mechanics</i> , 2013 , 734, 114-143 | 3.7 | 9 |
| 50 | Breakup of an electrified, perfectly conducting, viscous thread in an AC field. <i>Physical Review E</i> , 2011 , 83, 066314 | 2.4 | 9 |
| 49 | Electrified falling-film flow over topography in the presence of a finite electrode. <i>Journal of Engineering Mathematics</i> , 2010 , 68, 339-353 | 1.2 | 9 |
| 48 | Chaotic flows in pulsating cylindrical tubes: a class of exact NavierBtokes solutions. <i>Journal of Fluid Mechanics</i> , 2003 , 481, 187-213 | 3.7 | 9 |
| 47 | The stability of two-dimensional wakes and shear layers at high Mach numbers. <i>Physics of Fluids A, Fluid Dynamics</i> , 1991 , 3, 793-802 | | 9 |
| 46 | Using surfactants to control the formation and size of wakes behind moving bubbles at order-one Reynolds numbers. <i>Journal of Fluid Mechanics</i> , 2002 , 453, 1-19 | 3.7 | 8 |
| 45 | Ice formation within a thin film flowing over a flat plate. Journal of Fluid Mechanics, 2017, 817, 455-489 | 3.7 | 7 |
| 44 | Nonlinear Dynamics and Wall Touch-Up in Unstably Stratified Multilayer Flows in Horizontal Channels under the Action of Electric Fields. <i>SIAM Journal on Applied Mathematics</i> , 2015 , 75, 92-113 | 1.8 | 7 |
| 43 | Nusselt Numbers for Poiseuille Flow Over Isoflux Parallel Ridges for Arbitrary Meniscus Curvature. Journal of Heat Transfer, 2018 , 140, | 1.8 | 7 |
| 42 | The influence of electric fields and surface tension on KelvinHelmholtz instability in two-dimensional jets. <i>Zeitschrift Fur Angewandte Mathematik Und Physik</i> , 2012 , 63, 125-144 | 1.6 | 7 |
| 41 | Flow in a channel with accelerating or decelerating wall velocity: A comparison between self-similar solutions and NavierBtokes computations in finite domains. <i>Physics of Fluids</i> , 2009 , 21, 113601 | 4.4 | 7 |
| 40 | Axisymmetric waves in electrohydrodynamic flows. <i>Journal of Engineering Mathematics</i> , 2008 , 62, 133-1 | 482 | 7 |

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| 39 | Accurate and Efficient Boundary Integral Methods for Electrified Liquid Bridge Problems. <i>SIAM Journal of Scientific Computing</i> , 2005 , 26, 2102-2132 | 2.6 | 7 | |
|----|--|-----|---|--|
| 38 | Fully nonlinear gravity-capillary solitary waves in a two-fluid system of finite depth. <i>Journal of Engineering Mathematics</i> , 2002 , 42, 321-339 | 1.2 | 7 | |
| 37 | Instability and dripping of electrified liquid films flowing down inverted substrates. <i>Physical Review Fluids</i> , 2020 , 5, | 2.8 | 7 | |
| 36 | Capturing nonlinear dynamics of two-fluid Couette flows with asymptotic models. <i>Journal of Fluid Mechanics</i> , 2016 , 806, | 3.7 | 7 | |
| 35 | Coherent Structures in Nonlocal Dispersive Active-Dissipative Systems. <i>SIAM Journal on Applied Mathematics</i> , 2015 , 75, 538-563 | 1.8 | 6 | |
| 34 | Viscous pressure-driven flows and their stability in channels with vertically oscillating walls. <i>Physics of Fluids</i> , 2012 , 24, 023604 | 4.4 | 6 | |
| 33 | Compound viscous thread with electrostatic and electrokinetic effects. <i>Journal of Fluid Mechanics</i> , 2012 , 701, 171-200 | 3.7 | 6 | |
| 32 | Accurate low-order modeling of electrified falling films at moderate Reynolds number. <i>Physical Review Fluids</i> , 2017 , 2, | 2.8 | 6 | |
| 31 | Nonlinear stability in three-layer channel flows. Journal of Fluid Mechanics, 2017, 829, | 3.7 | 5 | |
| 30 | Nonlinear dynamics of a dispersive anisotropic Kuramoto-Sivashinsky equation in two space dimensions. <i>Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences</i> , 2018 , 474, 20170687 | 2.4 | 5 | |
| 29 | On the generation of nonlinear travelling waves in confined geometries using electric fields. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2014 , 372, | 3 | 5 | |
| 28 | Electrostatically controlled large-amplitude, non-axisymmetric waves in thin film flows down a cylinder. <i>Journal of Fluid Mechanics</i> , 2013 , 736, | 3.7 | 5 | |
| 27 | Long-wave equations and direct simulations for the breakup of a viscous fluid thread surrounded by an immiscible viscous fluid. <i>IMA Journal of Applied Mathematics</i> , 2013 , 78, 851-867 | 1 | 5 | |
| 26 | The onset of particle segregation in plane Couette flows of concentrated suspensions. <i>International Journal of Multiphase Flow</i> , 2002 , 28, 127-136 | 3.6 | 5 | |
| 25 | Electric field stabilization of viscous liquid layers coating the underside of a surface. <i>Physical Review Fluids</i> , 2017 , 2, | 2.8 | 5 | |
| 24 | Physical mechanisms relevant to flow resistance in textured microchannels. <i>Physical Review Fluids</i> , 2017 , 2, | 2.8 | 5 | |
| 23 | Effects of slowly varying meniscus curvature on internal flows in the Cassie state. <i>Journal of Fluid Mechanics</i> , 2019 , 872, 272-307 | 3.7 | 4 | |
| 22 | Optimal Control of Thin Liquid Films and Transverse Mode Effects. SIAM Journal on Applied Dynamical Systems, 2019 , 18, 117-149 | 2.8 | 4 | |

| 21 | Electrostatically induced mixing in confined stratified multi-fluid systems. <i>International Journal of Multiphase Flow</i> , 2015 , 75, 194-204 | 3.6 | 4 |
|----|---|------|---|
| 20 | Nonlinear interfacial instability in two-fluid viscoelastic Couette flow. <i>Journal of Non-Newtonian Fluid Mechanics</i> , 2018 , 251, 17-27 | 2.7 | 4 |
| 19 | Dynamics of gravity-driven viscoelastic films on wavy walls. Physical Review Fluids, 2019, 4, | 2.8 | 4 |
| 18 | Spontaneous onset of convection in a uniform phoretic channel. <i>Soft Matter</i> , 2020 , 16, 1259-1269 | 3.6 | 4 |
| 17 | Stability of falling liquid films on flexible substrates. Journal of Fluid Mechanics, 2020, 900, | 3.7 | 4 |
| 16 | Analysis and computations of a non-local thin-film model for two-fluid shear driven flows. <i>Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences</i> , 2019 , 475, 20190367 | ,2.4 | 3 |
| 15 | The Modulational Stability of Taylor Vortices in a Curved Channel. <i>SIAM Journal on Applied Mathematics</i> , 2000 , 60, 1543-1564 | 1.8 | 3 |
| 14 | Reduced Models for Thick Liquid Layers with Inertia on Highly Curved Substrates. <i>SIAM Journal on Applied Mathematics</i> , 2017 , 77, 881-904 | 1.8 | 2 |
| 13 | Solution of the Graetz Nusselt Problem for Liquid Flow Over Isothermal Parallel Ridges. <i>Journal of Heat Transfer</i> , 2017 , 139, | 1.8 | 2 |
| 12 | Vanishing viscosity limits of mixed hyperbolicelliptic systems arising in multilayer channel flows. <i>Nonlinearity</i> , 2015 , 28, 1607-1631 | 1.7 | 2 |
| 11 | Linearly implicit schemes for multi-dimensional KuramotoBivashinsky type equations arising in falling film flows. <i>IMA Journal of Numerical Analysis</i> , 2015 , drv011 | 1.8 | 2 |
| 10 | Using electric fields to induce patterning in leaky dielectric fluids in a rod-annular geometry. <i>IMA Journal of Applied Mathematics</i> , 2016 , hxw017 | 1 | 2 |
| 9 | Electrostatic Suppression of the Coffee-stain Effect IProcedia IUTAM, 2015, 15, 172-177 | | 2 |
| 8 | Solution of the Extended GraetzNusselt Problem for Liquid Flow Over Isothermal Parallel Ridges. Journal of Heat Transfer, 2018 , 140, | 1.8 | 1 |
| 7 | On the Modulational Instability of O(1) Amplitude Waves in Supersonic Boundary Layers. <i>SIAM Journal on Applied Mathematics</i> , 1997 , 57, 929-958 | 1.8 | 1 |
| 6 | Breakup of Cylindrical Jets Governed by the Navier-Stokes Equations. <i>ICASE/LaRC Interdisciplinary Series in Science and Engineering</i> , 1994 , 225-234 | | 1 |
| 5 | Modulational stability of periodic solutions of the Kuramoto-Sivashinsky equation 1993, 255-263 | | 1 |
| 4 | Mathematical study of a system of multi-dimensional non-local evolution equations describing surfactant-laden two-fluid shear flows. <i>Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences</i> , 2021 , 477, 20210307 | 2.4 | 1 |

LIST OF PUBLICATIONS

| 3 | Active control of liquid film flows: beyond reduced-order models. <i>Nonlinear Dynamics</i> , 2021 , 104, 267-283 | О |
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- Nonlinear gravity electro-capillary waves in two-fluid systems: solitary and periodic waves and their stability.. *Journal of Engineering Mathematics*, **2022**, 133, 6
- Korteweg-de Vries solitons on electrified liquid jets. *Physical Review E*, **2015**, 91, 063012