Serafim Kalliadasis

List of Publications by Citations

167 papers	3,720 citations	34 h-index	51 g-index
171 ext. papers	4,094 ext. citations	3.1 avg, IF	5.69 L-index

#	Paper	IF	Citations
167	Falling Liquid Films. *Applied Mathematical Sciences (Switzerland)*, **2012**,	0.9	148
166	Marangoni instability of a thin liquid film heated from below by a local heat source. *Journal of Fluid Mechanics*, **2003**, 475, 377-408	3.7	127
165	Drop formation during coating of vertical fibres. *Journal of Fluid Mechanics*, **1994**, 261, 135-168	3.7	109
164	Thermocapillary instability and wave formation on a film falling down a uniformly heated plane. *Journal of Fluid Mechanics*, **2003**, 492, 303-338	3.7	102
163	Modelling film flows down a fibre. *Journal of Fluid Mechanics*, **2008**, 603, 431-462	3.7	88
162	Two-dimensional droplet spreading over random topographical substrates. *Physical Review Letters*, **2010**, 104, 084501	7.4	87
161	Absolute and convective instabilities of a viscous film flowing down a vertical fiber. *Physical Review Letters*, **2007**, 98, 244502	7.4	79
160	Thermocapillary long waves in a liquid film flow. Part 1. Low-dimensional formulation. *Journal of Fluid Mechanics*, **2005**, 538, 199	3.7	76
159	Apparent dynamic contact angle of an advancing gas–liquid meniscus. *Physics of Fluids*, **1994**, 6, 12-23	4.4	69
158	General dynamical density functional theory for classical fluids. *Physical Review Letters*, **2012**, 109, 120603	7.4	68
157	Thermocapillary long waves in a liquid film flow. Part 2. Linear stability and nonlinear waves. *Journal of Fluid Mechanics*, **2005**, 538, 223	3.7	66
156	Stability of free-surface thin-film flows over topography. *Journal of Fluid Mechanics*, **2001**, 448, 387-410	3.7	66
155	Two-dimensional droplet spreading over topographical substrates. *Physics of Fluids*, **2009**, 21, 092102	4.4	65
154	Rayleigh–Taylor instability of reaction-diffusion acidity fronts. *Journal of Chemical Physics*, **2002**, 117, 9395-9408	3.9	62
153	Heated falling films. *Journal of Fluid Mechanics*, **2007**, 592, 295-334	3.7	59
152	Droplet motion on inclined heterogeneous substrates. *Journal of Fluid Mechanics*, **2013**, 725, 462-491	3.7	54
151	Dynamics of moving contact lines: A comparison between slip and precursor film models. *Europhysics Letters*, **2011**, 94, 64004	1.6	53

150	Nonlinear waves in counter-current gas–liquid film flow. *Journal of Fluid Mechanics*, **2011**, 673, 19-59	3.7	50
149	Free-surface thin-film flows over uniformly heated topography. *Physical Review E*, **2007**, 75, 026306	2.4	48
148	Time-dependent free-surface thin film flows over topography. *Physics of Fluids*, **2003**, 15, 2512-2524	4.4	46
147	Droplet spreading on chemically heterogeneous substrates. *Physical Review E*, **2011**, 84, 036305	2.4	45
146	Liquid film coating a fiber as a model system for the formation of bound states in active dispersive-dissipative nonlinear media. *Physical Review Letters*, **2009**, 103, 234501	7.4	44
145	A comparison of slip, disjoining pressure, and interface formation models for contact line motion through asymptotic analysis of thin two-dimensional droplet spreading. *Journal of Engineering Mathematics*, **2015**, 94, 19-41	1.2	41
144	Slip or not slip? A methodical examination of the interface formation model using two-dimensional droplet spreading on a horizontal planar substrate as a prototype system. *Physics of Fluids*, **2012**, 24, 082105	4.4	40
143	Free-surface thin-film flows over topography: influence of inertia and viscoelasticity. *Journal of Fluid Mechanics*, **2007**, 578, 271-293	3.7	40
142	Wave dynamics on a thin-liquid film falling down a heated wall. *Journal of Engineering Mathematics*, **2004**, 50, 177-208	1.2	40
141	Nonlinear instability of a contact line driven by gravity. *Journal of Fluid Mechanics*, **2000**, 413, 355-378	3.7	40
140	Noise induced state transitions, intermittency, and universality in the noisy Kuramoto-Sivashinksy equation. *Physical Review Letters*, **2011**, 106, 060602	7.4	39
139	Rigorous coherent-structure theory for falling liquid films: Viscous dispersion effects on bound-state formation and self-organization. *Physics of Fluids*, **2011**, 23, 044104	4.4	39
138	Unification of dynamic density functional theory for colloidal fluids to include inertia and hydrodynamic interactions: derivation and numerical experiments. *Journal of Physics Condensed Matter*, **2013**, 25, 035101	1.8	38
137	Modelling flow-distributed oscillations in the CDIMA reaction. *Physical Chemistry Chemical Physics*, **2000**, 2, 4013-4021	3.6	38
136	Geometry-induced phase transition in fluids: capillary prewetting. *Physical Review E*, **2013**, 87, 020402	2.4	36
135	Dynamics of a horizontal thin liquid film in the presence of reactive surfactants. *Physics of Fluids*, **2007**, 19, 112102	4.4	36
134	Introduction to the focus issue: chemo-hydrodynamic patterns and instabilities. *Chaos*, **2012**, 22, 037101	3.3	34
133	Three-dimensional localized coherent structures of surface turbulence. I. Scenarios of two-dimensional–three-dimensional transition. *Physics of Fluids*, **2007**, 19, 114103	4.4	34

132	Interaction of three-dimensional hydrodynamic and thermocapillary instabilities in film flows. *Physical Review E*, **2008**, 78, 066311	2.4	33
131	Dynamics of Liquid Spreading on Solid Surfaces. *Industrial & Engineering Chemistry Research*, **1996**, 35, 2860-2874	3.9	33
130	Fluid structure in the immediate vicinity of an equilibrium three-phase contact line and assessment of disjoining pressure models using density functional theory. *Physics of Fluids*, **2014**, 26, 072001	4.4	32
129	Spectral methods for the equations of classical density-functional theory: relaxation dynamics of microscopic films. *Journal of Chemical Physics*, **2012**, 136, 124113	3.9	31
128	Contact lines over random topographical substrates. Part 2. Dynamics. *Journal of Fluid Mechanics*, **2011**, 672, 384-410	3.7	31
127	The contact line behaviour of solid-liquid-gas diffuse-interface models. *Physics of Fluids*, **2013**, 25, 092111	4.4	30
126	The Overdamped Limit of Dynamic Density Functional Theory: Rigorous Results. *Multiscale Modeling and Simulation*, **2012**, 10, 633-663	1.8	29
125	Dynamics of a reactive falling film at large Péclet numbers. I. Long-wave approximation. *Physics of Fluids*, **2004**, 16, 3191-3208	4.4	29
124	The asymptotics of the moving contact line: cracking an old nut. *Journal of Fluid Mechanics*, **2015**, 764, 445-462	3.7	28
123	Dynamics of a falling film with solutal Marangoni effect. *Physical Review E*, **2008**, 78, 036312	2.4	28
122	Two-dimensional wave dynamics in thin films. I. Stationary solitary pulses. *Physics of Fluids*, **2005**, 17, 117105	4.4	28
121	Solitary waves on falling liquid films in the inertia-dominated regime. *Journal of Fluid Mechanics*, **2018**, 837, 491-519	3.7	27
120	Dynamics of a liquid film sheared by a co-flowing turbulent gas. *International Journal of Multiphase Flow*, **2013**, 56, 93-104	3.6	27
119	Disorder-induced hysteresis and nonlocality of contact line motion in chemically heterogeneous microchannels. *Physics of Fluids*, **2012**, 24, 032108	4.4	27
118	Wavy regimes of film flow down a fiber. *Physical Review E*, **2012**, 85, 046302	2.4	27
117	Wetting of prototypical one- and two-dimensional systems: thermodynamics and density functional theory. *Journal of Chemical Physics*, **2015**, 142, 034708	3.9	26
116	Pulse dynamics in low-Reynolds-number interfacial hydrodynamics: Experiments and theory. *Physica D: Nonlinear Phenomena*, **2010**, 239, 2000-2010	3.3	26
115	Fingering of exothermic reaction-diffusion fronts in Hele-Shaw cells with conducting walls. *Journal of Chemical Physics*, **2005**, 123, 234503	3.9	26

114	On the moving contact line singularity: asymptotics of a diffuse-interface model. *European Physical Journal E*, **2013**, 36, 26	1.5	25
113	Nonequilibrium molecular dynamics simulations of nanoconfined fluids at solid-liquid interfaces. *Journal of Chemical Physics*, **2017**, 146, 244507	3.9	25
112	Three-dimensional localized coherent structures of surface turbulence. II. Solitons. *Physics of Fluids*, **2007**, 19, 114104	4.4	25
111	Equilibrium gas–liquid–solid contact angle from density-functional theory. *Journal of Fluid Mechanics*, **2012**, 692, 53-77	3.7	24
110	Contact lines over random topographical substrates. Part 1. Statics. *Journal of Fluid Mechanics*, **2011**, 672, 358-383	3.7	23
109	Upscaled phase-field models for interfacial dynamics in strongly heterogeneous domains. *Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences*, **2012**, 468, 3705-3724	2.4	23
108	Suppressing falling film instabilities by Marangoni forces. *Physics of Fluids*, **2006**, 18, 042111	4.4	23
107	Dynamical density functional theory with hydrodynamic interactions in confined geometries. *Journal of Chemical Physics*, **2016**, 145, 214106	3.9	23
106	On the equilibrium contact angle of sessile liquid drops from molecular dynamics simulations. *Journal of Chemical Physics*, **2018**, 148, 164704	3.9	22
105	Unifying binary fluid diffuse-interface models in the sharp-interface limit. *Journal of Fluid Mechanics* , **2013**, 736, 5-43	3.7	22
104	Multi-species dynamical density functional theory. *Journal of Chemical Physics*, **2013**, 138, 144904	3.9	21
103	Derivation of effective macroscopic Stokes–Cahn–Hilliard equations for periodic immiscible flows in porous media. *Nonlinearity*, **2013**, 26, 3259-3277	1.7	21
102	Filling flows, cliff erosion and cleaning flows. *Journal of Fluid Mechanics*, **1996**, 310, 365-374	3.7	21
101	Absolute and convective instabilities in counter-current gas–liquid film flows. *Journal of Fluid Mechanics*, **2015**, 763, 166-201	3.7	20
100	Detailed hydrodynamic characterization of harmonically excited falling-film flows: A combined experimental and computational study. *Physical Review Fluids*, **2017**, 2,	2.8	20
99	Dynamics of a reactive falling film at large Péclet numbers. II. Nonlinear waves far from criticality: Integral-boundary-layer approximation. *Physics of Fluids*, **2004**, 16, 3209-3226	4.4	19
98	Additive noise effects in active nonlinear spatially extended systems. *European Journal of Applied Mathematics*, **2012**, 23, 563-591	1	18
97	Binary interactions of solitary pulses in falling liquid films. *IMA Journal of Applied Mathematics*, **2012**, 77, 408-419	1	17

96	Dynamics of a vertically falling film in the presence of a first-order chemical reaction. *Physics of Fluids*, **2002**, 14, 2402	4.4	17
95	Experimental investigations of liquid falling films flowing under an inclined planar substrate. *Physical Review Fluids*, **2018**, 3,	2.8	17
94	Pseudospectral methods for density functional theory in bounded and unbounded domains. *Journal of Computational Physics*, **2017**, 334, 639-664	4.1	16
93	The structure of flame filaments in chaotic flows. *Physica D: Nonlinear Phenomena*, **2003**, 176, 67-81	3.3	16
92	Density functional study of condensation in capped capillaries. *Journal of Physics Condensed Matter*, **2015**, 27, 275104	1.8	15
91	General framework for fluctuating dynamic density functional theory. *New Journal of Physics*, **2017**, 19, 123022	2.9	15
90	Low-frequency vibrations of two-dimensional droplets on heterogeneous substrates. *Journal of Fluid Mechanics*, **2014**, 754, 515-549	3.7	15
89	Data-driven coarse graining in action: Modeling and prediction of complex systems. *Physical Review E*, **2015**, 92, 042139	2.4	14
88	Controlling spatiotemporal chaos in active dissipative-dispersive nonlinear systems. *Physical Review E*, **2015**, 92, 022912	2.4	14
87	Semiparametric Drift and Diffusion Estimation for Multiscale Diffusions. *Multiscale Modeling and Simulation*, **2013**, 11, 442-473	1.8	14
86	Interaction of solitary pulses in active dispersive–dissipative media. *Proceedings of the Estonian Academy of Sciences*, **2010**, 59, 139	1.6	14
85	Three-dimensional localized coherent structures of surface turbulence: Model validation with experiments and further computations. *Physical Review E*, **2010**, 82, 036322	2.4	14
84	Dynamical Density Functional Theory for Orientable Colloids Including Inertia and Hydrodynamic Interactions. *Journal of Statistical Physics*, **2016**, 164, 785-809	1.5	14
83	Instability, Rupture and Fluctuations in Thin Liquid Films: Theory and Computations. *Journal of Statistical Physics*, **2019**, 174, 579-604	1.5	13
82	Nonlinear Forecasting of the Generalized Kuramoto–Sivashinsky Equation. *International Journal of Bifurcation and Chaos in Applied Sciences and Engineering*, **2015**, 25, 1530015	2	13
81	Healing capillary films. *Journal of Fluid Mechanics*, **2018**, 838, 404-434	3.7	13
80	Operating ranges of gas–liquid capillary microseparators: Experiments and theory. *Chemical Engineering Science*, **2014**, 114, 30-39	4.4	13
79	Self-organization of two-dimensional waves in an active dispersive-dissipative nonlinear medium. *Physical Review Letters*, **2005**, 94, 224101	7.4	13

78	The pressure tensor across a liquid-vapour interface. *Journal of Chemical Physics*, **2018**, 149, 044705	3.9	12
77	Influence of gravity on the spreading of two-dimensional droplets over topographical substrates. *Journal of Engineering Mathematics*, **2012**, 73, 3-16	1.2	12
76	New stochastic mode reduction strategy for dissipative systems. *Physical Review Letters*, **2013**, 110, 244101	7.4	12
75	Wave interactions on a viscous film coating a vertical fibre: Formation of bound states. *Chemical Engineering and Processing: Process Intensification*, **2011**, 50, 519-524	3.7	12
74	Complete prewetting. *Journal of Physics Condensed Matter*, **2016**, 28, 275001	1.8	12
73	Self-similarity of solitary waves on inertia-dominated falling liquid films. *Physical Review E*, **2016**, 93, 033121	2.4	11
72	Nanoscale Fluid Structure of Liquid-solid-vapour Contact Lines for a Wide Range of Contact Angles. *Mathematical Modelling of Natural Phenomena*, **2015**, 10, 111-125	3	11
71	Spontaneous channeling of solitary pulses in heated-film flows. *Europhysics Letters*, **2008**, 84, 64002	1.6	11
70	Inviscid free-surface flow over a periodic wall. *Journal of Fluid Mechanics*, **1991**, 226, 189-203	3.7	11
69	Classical density functional study of wetting transitions on nanopatterned surfaces. *Journal of Physics Condensed Matter*, **2017**, 29, 094001	1.8	10
68	Macroscopic relations for microscopic properties at the interface between solid substrates and dense fluids. *Journal of Chemical Physics*, **2019**, 150, 214705	3.9	10
67	Experimental reaction-driven liquid film fingering instability. *Chemical Physics Letters*, **2012**, 534, 13-18	2.5	10
66	A new mode reduction strategy for the generalized Kuramoto-Sivashinsky equation. *IMA Journal of Applied Mathematics*, **2015**, 80, 273-301	1	10
65	Bound-state formation in interfacial turbulence: direct numerical simulations and theory. *Journal of Fluid Mechanics*, **2013**, 716,	3.7	10
64	Interfacial hydrodynamic waves driven by chemical reactions. *Journal of Engineering Mathematics*, **2007**, 59, 207-220	1.2	10
63	Evans function analysis of the stability of non-adiabatic flames. *Combustion Theory and Modelling*, **2003**, 7, 545-561	1.5	10
62	Two-dimensional wave dynamics in thin films. II. Formation of lattices of interacting stationary solitary pulses. *Physics of Fluids*, **2005**, 17, 117106	4.4	10
61	Chaotic versus stochastic behavior in active-dissipative nonlinear systems. *Physical Review Fluids*, **2017**, 2,	2.8	10

60	Self-similar finite-time singularity formation in degenerate parabolic equations arising in thin-film flows. *Nonlinearity*, **2017**, 30, 2647-2666	1.7	9
59	A new framework for extracting coarse-grained models from time series with multiscale structure. *Journal of Computational Physics*, **2015**, 296, 314-328	4.1	9
58	Discrete Self-Similarity in Interfacial Hydrodynamics and the Formation of Iterated Structures. *Physical Review Letters*, **2018**, 120, 034505	7.4	9
57	Dynamics of Fattening and Thinning 2D Sessile Droplets. *Langmuir*, **2016**, 32, 4736-45	4	9
56	General framework for nonclassical nucleation. *New Journal of Physics*, **2018**, 20, 083019	2.9	8
55	Wetting of a plane with a narrow solvophobic stripe. *Molecular Physics*, **2018**, 116, 1990-1997	1.7	8
54	Effective macroscopic interfacial transport equations in strongly heterogeneous environments for general homogeneous free energies. *Applied Mathematics Letters*, **2014**, 35, 12-17	3.5	8
53	Pulse dynamics in a power-law falling film. *Journal of Fluid Mechanics*, **2014**, 747, 460-480	3.7	8
52	Wave Propagation in Spatially Distributed Excitable Media. *SIAM Journal on Applied Mathematics*, **2003**, 63, 485-509	1.8	8
51	Droplet dynamics on chemically heterogeneous substrates. *Journal of Fluid Mechanics*, **2019**, 859, 321-361	3.7	8
50	Two-dimensional pulse dynamics and the formation of bound states on electrified falling films. *Journal of Fluid Mechanics*, **2018**, 855, 210-235	3.7	8
49	Controlling roughening processes in the stochastic Kuramoto–Sivashinsky equation. *Physica D: Nonlinear Phenomena*, **2017**, 348, 33-43	3.3	7
48	Well-Balanced Finite-Volume Schemes for Hydrodynamic Equations with General Free Energy. *Multiscale Modeling and Simulation*, **2020**, 18, 502-541	1.8	7
47	Mean-field phenomenology of wetting in nanogrooves. *Molecular Physics*, **2016**, 114, 2688-2699	1.7	7
46	Mass-transport enhancement in regions bounded by rigid walls. *Journal of Engineering Mathematics* , **2002**, 42, 45-64	1.2	7
45	Quenching of Flame Propagation with Heat Loss. *Journal of Mathematical Chemistry*, **2002**, 31, 313-332	2.1	7
44	Statistical characteristics of falling-film flows: A synergistic approach at the crossroads of direct numerical simulations and experiments. *Physical Review Fluids*, **2017**, 2,	2.8	7
43	Coherent Structures in Nonlocal Dispersive Active-Dissipative Systems. *SIAM Journal on Applied Mathematics*, **2015**, 75, 538-563	1.8	6

42	Microscopic aspects of wetting using classical density functional theory. *Journal of Physics Condensed Matter*, **2018**, 30, 274003	1.8	6
41	Dynamics of a Reactive Thin Film. *Mathematical Modelling of Natural Phenomena*, **2012**, 7, 99-145	3	6
40	Flame quenching through endothermic reaction. *Journal of Engineering Mathematics*, **2002**, 44, 207-228	1.2	6
39	Memory effects in fluctuating dynamic density-functional theory: theory and simulations. *Journal of Physics A: Mathematical and Theoretical*, **2020**, 53, 445007	2	5
38	Dynamics of a thin film flowing down a heated wall with finite thermal diffusivity. *Physical Review Fluids*, **2016**, 1,	2.8	5
37	Noise-induced transitions in rugged energy landscapes. *Physical Review E*, **2016**, 94, 032107	2.4	5
36	A finite-volume method for fluctuating dynamical density functional theory. *Journal of Computational Physics*, **2021**, 428, 109796	4.1	5
35	Hydrodynamic Characterization of Phase Separation in Devices with Microfabricated Capillaries. *Langmuir*, **2019**, 35, 8199-8209	4	4
34	Numerical Study of a Non-local Weakly Nonlinear Model for a Liquid Film Sheared by a Turbulent Gas. *Procedia IUTAM*, **2014**, 11, 98-109		4
33	Critical assessment of effective interfacial potentials based on a density functional theory for wetting phenomena on curved substrates. *European Physical Journal: Special Topics*, **2011**, 197, 185-191	2.3	4
32	Three-dimensional solitons in a falling liquid film. *Doklady Physics*, **2006**, 51, 37-39	0.8	4
31	The propagation and inhibition of an exothermic branched-chain flame with an endothermic reaction and radical scavenging. *Journal of Engineering Mathematics*, **2004**, 49, 41-55	1.2	4
30	Circulation and reaction enhancement of mass transport in a cavity. *Chemical Engineering Science*, **2001**, 56, 5177-5188	4.4	4
29	Surface nanodrops and nanobubbles: a classical density functional theory study. *Journal of Fluid Mechanics*, **2021**, 913,	3.7	4
28	Robust low-dimensional modelling of falling liquid films subject to variable wall heating. *Journal of Fluid Mechanics*, **2019**, 877, 844-881	3.7	3
27	Dynamics of the Desai-Zwanzig model in multiwell and random energy landscapes. *Physical Review E*, **2019**, 99, 032109	2.4	3
26	Rate of Convergence of General Phase Field Equations in Strongly Heterogeneous Media Toward Their Homogenized Limit. *SIAM Journal on Applied Mathematics*, **2017**, 77, 1471-1492	1.8	3
25	Interfacial instabilities driven by chemical reactions. *European Physical Journal: Special Topics*, **2009**, 166, 121-125	2.3	3

24	On the Structure of the Spectra for a Class of Combustion Waves. *Journal of Mathematical Chemistry*, **2004**, 35, 309-328	2.1	3
23	Stability of two-dimensional solitons and the 2D–3D transition in a viscous liquid film falling down on a vertical wall. *Doklady Physics*, **2005**, 50, 668-670	0.8	3
22	Continuation methods for time-periodic travelling-wave solutions to evolution equations. *Applied Mathematics Letters*, **2018**, 86, 291-297	3.5	2
21	Quenching of Flame Propagation Through Endothermic Reaction. *Journal of Mathematical Chemistry*, **2002**, 32, 73-98	2.1	2
20	The effect of a radical scavenger on the propagation of flames in an exothermic-endothermic system. *Journal of Mathematical Chemistry*, **2005**, 38, 203-231	2.1	2
19	Modelling complex spatiotemporal behaviour in a Couette reactor. *Physical Chemistry Chemical Physics*, **2000**, 2, 2319-2327	3.6	2
18	Falling Films Under Complicated Conditions **2007**, 137-190		2
17	Recent advances in the evolution of interfaces: thermodynamics, upscaling, and universality. *Computational Materials Science*, **2019**, 156, 441-451	3.2	2
16	High-Order Well-Balanced Finite-Volume Schemes for Hydrodynamic Equations With Nonlocal Free Energy. *SIAM Journal of Scientific Computing*, **2021**, 43, A828-A858	2.6	2
15	The vicinity of an equilibrium three-phase contact line using density-functional theory: density profiles normal to the fluid interface. *Molecular Physics*, **2018**, 116, 2239-2243	1.7	2
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13	A linear, second-order, energy stable, fully adaptive finite element method for phase-field modelling of wetting phenomena. *Journal of Computational Physics: X*, **2019**, 2, 100010	1	1
12	General framework for adsorption processes on dynamic interfaces. *Journal of Physics A: Mathematical and Theoretical*, **2016**, 49, 125502	2	1
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10	Isothermal Case: Two-Dimensional Flow. *Applied Mathematical Sciences (Switzerland)*, **2012**, 193-275	0.9	1
9	More than a year after the onset of the CoVid-19 pandemic in the UK: lessons learned from a minimalistic model capturing essential features including social awareness and policy making		1
8	Understanding Soaring Coronavirus Cases and the Effect of Contagion Policies in the UK. *Vaccines*, **2021**, 9,	5.3	1
7	A finite-volume scheme for gradient-flow equations with non-homogeneous diffusion. *Computers and Mathematics With Applications*, **2021**, 89, 150-162	2.7	0

6	Enhancement of damaged-image prediction through Cahn-Hilliard image inpainting. *Royal Society Open Science*, **2021**, 8, 201294	3.3	0
5	Physics-constrained Bayesian inference of state functions in classical density-functional theory.. *Journal of Chemical Physics*, **2022**, 156, 074105	3.9	0
4	Discussion notes on "Measures of wettability of solid surfaces" by A. Marmur. *European Physical Journal: Special Topics*, **2011**, 197, 199-200	2.3	
3	Discussion notes on "Droplets evaporation: Problems and solutions" by S. Semenov et al.. *European Physical Journal: Special Topics*, **2011**, 197, 279-280	2.3	
2	Open Questions and Suggestions for Further Research. *Applied Mathematical Sciences (Switzerland)*, **2012**, 351-355	0.9	
1	Bound State Formation and Self-organization in Interfacial Turbulence. *Springer Proceedings in Complexity*, **2013**, 1011-1016	0.3	