

Christopher J Lustri

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	On Asymptotics of Optimal Stopping Times. <i>Mathematics</i> , 2022, 10, 194.	2.2	2
2	Morphogenesis of mesoscopic surface patterns formed in polarized two-photon etching of diamond. <i>Carbon</i> , 2021, 173, 271-285.	10.3	5
3	Kelvin wake pattern at small Froude numbers. <i>Journal of Fluid Mechanics</i> , 2021, 915, .	3.4	11
4	Individual error correction drives responsive self-assembly of army ant scaffolds. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	9
5	Capturing the cascade: a transseries approach to delayed bifurcations. <i>Nonlinearity</i> , 2021, 34, 8248-8282.	1.4	3
6	Nanoptera in Weakly Nonlinear Woodpile Chains and Diatomic Granular Chains. <i>SIAM Journal on Applied Dynamical Systems</i> , 2021, 20, 2412-2449.	1.6	5
7	Nanoptera and Stokes curves in the 2-periodic Fermiâ€Pastaâ€Ulamâ€Tsingou equation. <i>Physica D: Nonlinear Phenomena</i> , 2020, 402, 132239.	2.8	10
8	A note on the Stokes phenomenon in flow under an elastic sheet. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2020, 378, 20190530.	3.4	1
9	Selection of a Hele-Shaw Bubble via Exponential Asymptotics. <i>SIAM Journal on Applied Mathematics</i> , 2020, 80, 289-311.	1.8	4
10	Standing lattice solitons in the discrete NLS equation with saturation. <i>Nonlinearity</i> , 2019, 32, 3445-3484.	1.4	23
11	Three-dimensional capillary waves due to a submerged source with small surface tension. <i>Journal of Fluid Mechanics</i> , 2019, 863, 670-701.	3.4	5
12	Nonlinear q-Stokes phenomena for q-PainlevÃ© I. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2019, 52, 065204.	2.1	1
13	Generalized solitary waves in a finiteâ€difference Kortewegâ€de Vries equation. <i>Studies in Applied Mathematics</i> , 2019, 142, 359-384.	2.4	8
14	Nanoptera in a Period-2 Toda Chain. <i>SIAM Journal on Applied Dynamical Systems</i> , 2018, 17, 1182-1212.	1.6	22
15	Stokes phenomena in discrete PainlevÃ© II. <i>Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences</i> , 2017, 473, 20160539.	2.1	19
16	The effect of surface tension on steadily translating bubbles in an unbounded Hele-Shaw cell. <i>Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences</i> , 2017, 473, 20170050.	2.1	9
17	Multiple scales and matched asymptotic expansions for the discrete logistic equation. <i>Nonlinear Dynamics</i> , 2016, 85, 1345-1362.	5.2	3
18	Stokes phenomena in discrete PainlevÃ© I. <i>Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences</i> , 2015, 471, 20140874.	2.1	23

#	ARTICLE	IF	CITATIONS
19	Unsteady flow over a submerged source with low Froude number. European Journal of Applied Mathematics, 2014, 25, 655-680.	2.9	9
20	Steady gravity waves due to a submerged source. Journal of Fluid Mechanics, 2013, 732, 660-686.	3.4	14
21	Exponential asymptotics of free surface flow due to a line source. IMA Journal of Applied Mathematics, 2013, 78, 697-713.	1.6	15
22	Free surface flow past topography: A beyond-all-orders approach. European Journal of Applied Mathematics, 2012, 23, 441-467.	2.9	26