Joseph O Indekeu

List of Publications by Year
in descending order

19 papers	2,409 citations	1478505 6 h-index	839539 18 g-index
21 all docs	21 docs citations	21 times ranked	2883 citing authors

#	Article	IF	Citations
1	Epidemic processes with vaccination and immunity loss studied with the BLUES function method. Physica A: Statistical Mechanics and Its Applications, 2022, 590, 126724.	2.6	1
2	Interface potential and line tension for Bose-Einstein condensate mixtures near a hard wall. Physical Review A, 2022, 105, .	2.5	1
3	The BLUES function method for second-order partial differential equations: Application to a nonlinear telegrapher equation. Partial Differential Equations in Applied Mathematics, 2022, 5, 100392.	2.4	0
4	BLUES function method applied to partial differential equations and analytic approximants for interface growth under shear. Physical Review Research, 2021, 3, .	3.6	3
5	BLUES iteration applied to nonlinear ordinary differential equations for wave propagation and heat transfer. Journal of Physics A: Mathematical and Theoretical, 2021, 54, 025702.	2.1	3
6	Landing-limited aggregation and prime number detection. Physica A: Statistical Mechanics and Its Applications, 2020, 552, 122477.	2.6	1
7	Analytic iteration procedure for solitons and traveling wavefronts with sources. Journal of Physics A: Mathematical and Theoretical, 2019, 52, 38LT01.	2.1	4
8	Three-phase equilibria in density-functional theory: Interfacial tensions. Journal of Chemical Physics, 2019, 150, 164701.	3.0	4
9	Efficiency at Maximum Power of Irreversible Engines with Asymmetric Nonlinear Flux–Force Relations. Journal of Physical Chemistry B, 2018, 122, 3615-3619.	2.6	0
10	BLUES function method in computational physics. Journal of Physics A: Mathematical and Theoretical, 2018, 51, 165201.	2.1	5
11	Capillary-wave dynamics and interface structure modulation in binary Bose-Einstein condensate mixtures. Physical Review A, 2018, 97, .	2.5	11
12	Traveling wavefront solutions to nonlinear reaction-diffusion-convection equations. Journal of Physics A: Mathematical and Theoretical, 2017, 50, 315601.	2.1	8
13	Efficiency at maximum power for an isothermal chemical engine with particle exchange at varying chemical potential. European Physical Journal: Special Topics, 2017, 226, 427-431.	2.6	2
14	Engines with ideal efficiency and nonzero power for sublinear transport laws. European Physical Journal B, 2016, 89, 1.	1.5	21
15	Interfacial tension and wall energy of a Bose–Einstein condensate binary mixture: Triple-parabola approximation. Physica A: Statistical Mechanics and Its Applications, 2016, 444, 1027-1040.	2.6	6
16	Static interfacial properties of Bose-Einstein-condensate mixtures. Physical Review A, 2015, 91, .	2.5	33
17	Magnetic hierarchical deposition. Physica A: Statistical Mechanics and Its Applications, 2014, 414, 240-248.	2.6	4
18	Efficiency at maximum power of a chemical engine. Journal of Chemical Physics, 2013, 139, 134111.	3.0	23

#	Article	IF	Citations
19	Wetting and spreading. Reviews of Modern Physics, 2009, 81, 739-805.	45.6	2,278