

# Joseph O Indekeu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5344172/publications.pdf>

Version: 2024-02-01

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	Wetting and spreading. <i>Reviews of Modern Physics</i> , 2009, 81, 739-805.	45.6	2,278
2	Static interfacial properties of Bose-Einstein-condensate mixtures. <i>Physical Review A</i> , 2015, 91, .	2.5	33
3	Efficiency at maximum power of a chemical engine. <i>Journal of Chemical Physics</i> , 2013, 139, 134111.	3.0	23
4	Engines with ideal efficiency and nonzero power for sublinear transport laws. <i>European Physical Journal B</i> , 2016, 89, 1.	1.5	21
5	Capillary-wave dynamics and interface structure modulation in binary Bose-Einstein condensate mixtures. <i>Physical Review A</i> , 2018, 97, .	2.5	11
6	Traveling wavefront solutions to nonlinear reaction-diffusion-convection equations. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2017, 50, 315601.	2.1	8
7	Interfacial tension and wall energy of a Bose-Einstein condensate binary mixture: Triple-parabola approximation. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2016, 444, 1027-1040.	2.6	6
8	BLUES function method in computational physics. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2018, 51, 165201.	2.1	5
9	Magnetic hierarchical deposition. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2014, 414, 240-248.	2.6	4
10	Analytic iteration procedure for solitons and traveling wavefronts with sources. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2019, 52, 38LT01.	2.1	4
11	Three-phase equilibria in density-functional theory: Interfacial tensions. <i>Journal of Chemical Physics</i> , 2019, 150, 164701.	3.0	4
12	BLUES function method applied to partial differential equations and analytic approximants for interface growth under shear. <i>Physical Review Research</i> , 2021, 3, .	3.6	3
13	BLUES iteration applied to nonlinear ordinary differential equations for wave propagation and heat transfer. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2021, 54, 025702.	2.1	3
14	Efficiency at maximum power for an isothermal chemical engine with particle exchange at varying chemical potential. <i>European Physical Journal: Special Topics</i> , 2017, 226, 427-431.	2.6	2
15	Landing-limited aggregation and prime number detection. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2020, 552, 122477.	2.6	1
16	Epidemic processes with vaccination and immunity loss studied with the BLUES function method. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2022, 590, 126724.	2.6	1
17	Interface potential and line tension for Bose-Einstein condensate mixtures near a hard wall. <i>Physical Review A</i> , 2022, 105, .	2.5	1
18	Efficiency at Maximum Power of Irreversible Engines with Asymmetric Nonlinear Flux-Force Relations. <i>Journal of Physical Chemistry B</i> , 2018, 122, 3615-3619.	2.6	0

#	ARTICLE	IF	CITATIONS
19	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