

# Andrew D Burbanks

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7509021/publications.pdf>

Version: 2024-02-01

10  
papers

282  
citations

1684188

5  
h-index

1372567

10  
g-index

10  
all docs

10  
docs citations

10  
times ranked

202  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mathematical insights into neuroendocrine transdifferentiation of human prostate cancer cells. <i>Nonlinear Analysis: Modelling and Control</i> , 2021, 26, 884-913.	1.6	4
2	PCa dynamics with neuroendocrine differentiation and distributed delay. <i>Mathematical Biosciences and Engineering</i> , 2021, 18, 8577-8602.	1.9	5
3	Rigorous computer-assisted bounds on the period doubling renormalization fixed point and eigenfunctions in maps with critical point of degree 4. <i>Journal of Mathematical Physics</i> , 2021, 62, 112701.	1.1	2
4	Microscopic Superfluidity in $^4\text{He}$ Clusters Stirred by a Rotating Impurity Molecule. <i>Physical Review Letters</i> , 2014, 112, 143401.	7.8	8
5	A graph-theoretic condition for irreducibility of a set of cone preserving matrices. <i>Linear Algebra and Its Applications</i> , 2013, 438, 4103-4113.	0.9	2
6	The coupled dynamics of two particles with different limit sets. <i>European Physical Journal B</i> , 2013, 86, 1.	1.5	1
7	Efficient Procedure to Compute the Microcanonical Volume of Initial Conditions that Lead to Escape Trajectories from a Multidimensional Potential Well. <i>Physical Review Letters</i> , 2005, 95, 084301.	7.8	45
8	Phase space conduits for reaction in multidimensional systems: HCN isomerization in three dimensions. <i>Journal of Chemical Physics</i> , 2004, 121, 6207-6225.	3.0	106
9	Chaos-assisted capture of irregular moons. <i>Nature</i> , 2003, 423, 264-267.	27.8	88
10	Extension of order-preserving maps on a cone. <i>Proceedings of the Royal Society of Edinburgh Section A: Mathematics</i> , 2003, 133, 35-59.	1.2	21