Andrew D Burbanks

List of Publications by Year
in descending order

		1684188	1372567
10 papers	282 citations	5 h-index	10 g-index
10 all docs	10 docs citations	10 times ranked	202 citing authors

#	Article	IF	Citations
1	Phase space conduits for reaction in multidimensional systems: HCN isomerization in three dimensions. Journal of Chemical Physics, 2004, 121, 6207-6225.	3.0	106
2	Chaos-assisted capture of irregular moons. Nature, 2003, 423, 264-267.	27.8	88
3	Efficient Procedure to Compute the Microcanonical Volume of Initial Conditions that Lead to Escape Trajectories from a Multidimensional Potential Well. Physical Review Letters, 2005, 95, 084301.	7.8	45
4	Extension of order-preserving maps on a cone. Proceedings of the Royal Society of Edinburgh Section A: Mathematics, 2003, 133, 35-59.	1.2	21
5	Microscopic Superfluidity in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mmultiscripts><mml:mrow><mml:mi>He</mml:mi></mml:mrow><mml:mprescripts/><mml:none/><mml:mrow><mml:mn>4</mml:mn></mml:mrow></mml:mmultiscripts></mml:mrow></mml:math>Clusters Stirred by a Rotating Impurity Molecule. Physical Review Letters, 2014, 112, 143401.	7.8	8
6	PCa dynamics with neuroendocrine differentiation and distributed delay. Mathematical Biosciences and Engineering, 2021, 18, 8577-8602.	1.9	5
7	Mathematical insights into neuroendocrine transdifferentiation of human prostate cancer cells. Nonlinear Analysis: Modelling and Control, 2021, 26, 884-913.	1.6	4
8	A graph-theoretic condition for irreducibility of a set of cone preserving matrices. Linear Algebra and Its Applications, 2013, 438, 4103-4113.	0.9	2
9	Rigorous computer-assisted bounds on the period doubling renormalization fixed pointÂand eigenfunctions in maps with critical pointÂof degree 4. Journal of Mathematical Physics, 2021, 62, 112701.	1.1	2
10	The coupled dynamics of two particles with different limit sets. European Physical Journal B, 2013, 86, 1.	1.5	1