

# Andreas Knauf

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5894960/publications.pdf>

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12  
papers

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citations

1937685

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#	ARTICLE	IF	CITATIONS
1	Generating carbon nanotube caps of almost all chiralities, using six molecular segment types. <i>Discrete Applied Mathematics</i> , 2020, 285, 55-60.	0.9	0
2	Topology change of level sets in Morse theory. <i>Arkiv for Matematik</i> , 2020, 58, 333-356.	0.5	1
3	Improbability of Collisions in n-Body Systems. <i>Archive for Rational Mechanics and Analysis</i> , 2019, 234, 1007-1039.	2.4	5
4	Improbability of Wandering Orbits Passing Through a Sequence of Poincaré Surfaces of Decreasing Size. <i>Archive for Rational Mechanics and Analysis</i> , 2019, 231, 1781-1800.	2.4	3
5	Asymptotic velocity for four celestial bodies. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2018, 376, 20170426.	3.4	0
6	Mathematical Physics: Classical Mechanics. <i>Unitext</i> , 2018, , .	0.1	5
7	Lagrangian relations and linear point billiards. <i>Nonlinearity</i> , 2017, 30, 1326-1355.	1.4	6
8	Symbolic dynamics of magnetic bumps. <i>Regular and Chaotic Dynamics</i> , 2017, 22, 448-454.	0.8	1
9	Stable Degeneracies for Ising Models. <i>Communications in Mathematical Physics</i> , 2016, 347, 551-571.	2.2	0
10	Maximizing the Divergence from a Hierarchical Model of Quantum States. <i>Open Systems and Information Dynamics</i> , 2015, 22, 1550006.	1.2	14
11	Positive topological entropy for multi-bump magnetic fields. <i>Nonlinearity</i> , 2013, 26, 727-743.	1.4	2
12	The non-trapping degree of scattering. <i>Nonlinearity</i> , 2008, 21, 2023-2041.	1.4	10