

# Tim S Evans

## List of Publications by Year in Descending Order

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**Version:** 2024-04-25

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

55  
papers

1,734  
citations

20  
h-index

41  
g-index

58  
ext. papers

1,943  
ext. citations

3  
avg, IF

5.16  
L-index

#	Paper	IF	Citations
55	Cycle analysis of Directed Acyclic Graphs. <i>Physica A: Statistical Mechanics and Its Applications</i> , <b>2022</b> , 596, 127097	3.3	0
54	Higher-order temporal network effects through triplet evolution. <i>Scientific Reports</i> , <b>2021</b> , 11, 15419	4.9	
53	Making communities show respect for order. <i>Applied Network Science</i> , <b>2020</b> , 5,	2.9	3
52	Understanding the transition from paroxysmal to persistent atrial fibrillation. <i>Physical Review Research</i> , <b>2020</b> , 2, 023311	3.9	0
51	Identifying time dependence in network growth. <i>Physical Review Research</i> , <b>2020</b> , 2,	3.9	1
50	The longest path in the Price model. <i>Scientific Reports</i> , <b>2020</b> , 10, 10503	4.9	2
49	How the network properties of shareholders vary with investor type and country. <i>PLoS ONE</i> , <b>2019</b> , 14, e0220965	3.7	2
48	Collaborative patterns, authorship practices and scientific success in biomedical research: a network analysis. <i>Journal of the Royal Society of Medicine</i> , <b>2019</b> , 112, 245-257	2.3	5
47	Social success of perfumes. <i>PLoS ONE</i> , <b>2019</b> , 14, e0218664	3.7	3
46	Was Thebes Necessary? Contingency in Spatial Modeling. <i>Frontiers in Digital Humanities</i> , <b>2017</b> , 4,	2.1	5
45	Embedding graphs in Lorentzian spacetime. <i>PLoS ONE</i> , <b>2017</b> , 12, e0187301	3.7	8
44	What is the dimension of citation space?. <i>Physica A: Statistical Mechanics and Its Applications</i> , <b>2016</b> , 448, 235-247	3.3	15
43	Modelling citation networks. <i>Scientometrics</i> , <b>2015</b> , 105, 1577-1604	3	28
42	Transitive reduction of citation networks. <i>Journal of Complex Networks</i> , <b>2015</b> , 3, 189-203	1.7	35
41	Sculplexity: Sculptures of Complexity using 3D printing. <i>Europhysics Letters</i> , <b>2013</b> , 104, 48001	1.6	5
40	Oscillator Synchronization in Complex Networks with Non-uniform Time Delays. <i>Studies in Computational Intelligence</i> , <b>2013</b> , 93-100	0.8	
39	The emergence of leadership in social networks. <i>Physica A: Statistical Mechanics and Its Applications</i> , <b>2012</b> , 391, 1434-1444	3.3	3

38	Universality of performance indicators based on citation and reference counts. <i>Scientometrics</i> , <b>2012</b> , 93, 473-495	3	33
37	INTERACTIONS IN SPACE FOR ARCHAEOLOGICAL MODELS. <i>International Journal of Modeling, Simulation, and Scientific Computing</i> , <b>2012</b> , 15, 1150009	0.8	12
36	Community structure and patterns of scientific collaboration in Business and Management. <i>Scientometrics</i> , <b>2011</b> , 89, 381-396	3	45
35	Flow graphs: interweaving dynamics and structure. <i>Physical Review E</i> , <b>2011</b> , 84, 017102	2.4	52
34	The Theran eruption and Minoan palatial collapse: new interpretations gained from modelling the maritime network. <i>Antiquity</i> , <b>2011</b> , 85, 1008-1023	1	78
33	Uncovering space-independent communities in spatial networks. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2011</b> , 108, 7663-8	11.5	236
32	Clique graphs and overlapping communities. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , <b>2010</b> , 2010, P12037	1.9	115
31	Line graphs of weighted networks for overlapping communities. <i>European Physical Journal B</i> , <b>2010</b> , 77, 265-272	1.2	92
30	Are Copying and Innovation Enough?. <i>Mathematics in Industry</i> , <b>2010</b> , 825-831	0.2	
29	Line graphs, link partitions, and overlapping communities. <i>Physical Review E</i> , <b>2009</b> , 80, 016105	2.4	354
28	Using Statistical Physics to Understand Relational Space: A Case Study from Mediterranean Prehistory <b>2009</b> , 451-480		16
27	Modelling maritime interaction in the Aegean Bronze Age. <i>Antiquity</i> , <b>2008</b> , 82, 1009-1024	1	104
26	Network rewiring models. <i>Networks and Heterogeneous Media</i> , <b>2008</b> , 3, 221-238	1.6	5
25	Exact solutions for network rewiring models. <i>European Physical Journal B</i> , <b>2007</b> , 56, 65-69	1.2	28
24	Exact solution for the time evolution of network rewiring models. <i>Physical Review E</i> , <b>2007</b> , 75, 056101	2.4	41
23	Scale-free networks from self-organization. <i>Physical Review E</i> , <b>2005</b> , 72, 026138	2.4	41
22	Complex networks. <i>Contemporary Physics</i> , <b>2004</b> , 45, 455-474	3.3	37
21	Transport coefficients and analytic continuation in dual (1+1)-dimensional models at finite temperature. <i>Nuclear Physics B</i> , <b>2003</b> , 654, 357-403	2.8	1

20	Effect of weak interactions on the ultrarelativistic Bose-Einstein condensation temperature. <i>Physical Review D</i> , <b>2001</b> , 64,	4.9	5
19	Non-perturbative calculations of a global U(2) theory at finite density and temperature. <i>Nuclear Physics B</i> , <b>2001</b> , 598, 578-600	2.8	5
18	An optimized perturbation expansion for a global O(2) theory. <i>Nuclear Physics B</i> , <b>2000</b> , 577, 325-340	2.8	8
17	On normal ordering and canonical transformations in thermal field theory. <i>Journal of Physics A</i> , <b>1999</b> , 32, 1185-1195		1
16	Regularization schemes and the multiplicative anomaly. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1999</b> , 457, 127-132	4.2	12
15	On the phase structure of the 3D SU(2)-Higgs model and the electroweak phase transition. <i>Nuclear Physics B</i> , <b>1998</b> , 517, 599-621	2.8	14
14	Wick's theorem for nonsymmetric normal ordered products and contractions. <i>Journal of Mathematical Physics</i> , <b>1998</b> , 39, 5726-5738	1.2	3
13	Wick's theorem at finite temperature. <i>Nuclear Physics B</i> , <b>1996</b> , 474, 481-496	2.8	28
12	Real time thermal propagators for massive gauge bosons. <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1995</b> , 65, 123-126		1
11	Reexamination of the path-ordered approach to real time thermal field theory. <i>Physical Review D</i> , <b>1995</b> , 52, 4652-4659	4.9	13
10	New time contour for equilibrium real-time thermal field theories. <i>Physical Review D</i> , <b>1993</b> , 47, R4196-R4198	4.9	11
9	Role of quantum fluctuations in defect-dominated transitions. <i>Physical Review D</i> , <b>1993</b> , 47, 5316-5322	4.9	10
8	Thermal bosonic Green functions near zero energy. <i>Canadian Journal of Physics</i> , <b>1993</b> , 71, 241-247	1.1	2
7	A Time-Dependent Nonequilibrium Computational Scheme towards the Study of Temperature Fluctuations. <i>Fortschritte Der Physik</i> , <b>1993</b> , 41, 151-175	5.7	2
6	N-point finite temperature expectation values at real times. <i>Nuclear Physics B</i> , <b>1992</b> , 374, 340-370	2.8	73
5	Spectral representation of three-point functions at finite temperature. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1990</b> , 252, 108-112	4.2	41
4	Three-point functions at finite temperature. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1990</b> , 249, 286-290	4.2	48
3	The chiral phase transition in QCD. <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1988</b> , 40, 293-297		7

- 2 Zero energy and thermodynamic equilibrium. *Zeitschrift für Physik C-Particles and Fields*, **1988**, 41, 333-339 19
- 1 Zero momentum calculations for finite temperature field theory. *Zeitschrift für Physik C-Particles and Fields*, **1987**, 36, 153-162 25