Tim S Evans

List of Publications by Citations

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	Line graphs, link partitions, and overlapping communities. *Physical Review E*, **2009**, 80, 016105	2.4	354
54	Uncovering space-independent communities in spatial networks. *Proceedings of the National Academy of Sciences of the United States of America*, **2011**, 108, 7663-8	11.5	236
53	Clique graphs and overlapping communities. *Journal of Statistical Mechanics: Theory and Experiment*, **2010**, 2010, P12037	1.9	115
52	Modelling maritime interaction in the Aegean Bronze Age. *Antiquity*, **2008**, 82, 1009-1024	1	104
51	Line graphs of weighted networks for overlapping communities. *European Physical Journal B*, **2010**, 77, 265-272	1.2	92
50	The Theran eruption and Minoan palatial collapse: new interpretations gained from modelling the maritime network. *Antiquity*, **2011**, 85, 1008-1023	1	78
49	N-point finite temperature expectation values at real times. *Nuclear Physics B*, **1992**, 374, 340-370	2.8	73
48	Flow graphs: interweaving dynamics and structure. *Physical Review E*, **2011**, 84, 017102	2.4	52
47	Three-point functions at finite temperature. *Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics*, **1990**, 249, 286-290	4.2	48
46	Community structure and patterns of scientific collaboration in Business and Management. *Scientometrics*, **2011**, 89, 381-396	3	45
45	Exact solution for the time evolution of network rewiring models. *Physical Review E*, **2007**, 75, 056101	2.4	41
44	Scale-free networks from self-organization. *Physical Review E*, **2005**, 72, 026138	2.4	41
43	Spectral representation of three-point functions at finite temperature. *Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics*, **1990**, 252, 108-112	4.2	41
42	Complex networks. *Contemporary Physics*, **2004**, 45, 455-474	3.3	37
41	Transitive reduction of citation networks. *Journal of Complex Networks*, **2015**, 3, 189-203	1.7	35
40	Universality of performance indicators based on citation and reference counts. *Scientometrics*, **2012**, 93, 473-495	3	33
39	Modelling citation networks. *Scientometrics*, **2015**, 105, 1577-1604	3	28

38	Exact solutions for network rewiring models. *European Physical Journal B*, **2007**, 56, 65-69	1.2	28
37	Wick's theorem at finite temperature. *Nuclear Physics B*, **1996**, 474, 481-496	2.8	28
36	Zero momentum calculations for finite temperature field theory. *Zeitschrift Fü Physik C-Particles and Fields*, **1987**, 36, 153-162		25
35	Zero energy and thermodynamic equilibrium. *Zeitschrift Fü Physik C-Particles and Fields*, **1988**, 41, 333-339		19
34	Using Statistical Physics to Understand Relational Space: A Case Study from Mediterranean Prehistory **2009**, 451-480		16
33	What is the dimension of citation space?. *Physica A: Statistical Mechanics and Its Applications*, **2016**, 448, 235-247	3.3	15
32	On the phase structure of the 3D SU(2)-Higgs model and the electroweak phase transition. *Nuclear Physics B*, **1998**, 517, 599-621	2.8	14
31	Reexamination of the path-ordered approach to real time thermal field theory. *Physical Review D*, **1995**, 52, 4652-4659	4.9	13
30	INTERACTIONS IN SPACE FOR ARCHAEOLOGICAL MODELS. *International Journal of Modeling, Simulation, and Scientific Computing*, **2012**, 15, 1150009	0.8	12
29	Regularization schemes and the multiplicative anomaly. *Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics*, **1999**, 457, 127-132	4.2	12
28	New time contour for equilibrium real-time thermal field theories. *Physical Review D*, **1993**, 47, R4196-R4198	4.9	11
27	Role of quantum fluctuations in defect-dominated transitions. *Physical Review D*, **1993**, 47, 5316-5322	4.9	10
26	An optimized perturbation expansion for a global O(2) theory. *Nuclear Physics B*, **2000**, 577, 325-340	2.8	8
25	Embedding graphs in Lorentzian spacetime. *PLoS ONE*, **2017**, 12, e0187301	3.7	8
24	The chiral phase transition in QCD. *Zeitschrift Fü Physik C-Particles and Fields*, **1988**, 40, 293-297		7
23	Collaborative patterns, authorship practices and scientific success in biomedical research: a network analysis. *Journal of the Royal Society of Medicine*, **2019**, 112, 245-257	2.3	5
22	Was Thebes Necessary? Contingency in Spatial Modeling. *Frontiers in Digital Humanities*, **2017**, 4,	2.1	5
21	Sculplexity: Sculptures of Complexity using 3D printing. *Europhysics Letters*, **2013**, 104, 48001	1.6	5

No.	Reference	Value	Count
20	Effect of weak interactions on the ultrarelativistic Bose-Einstein condensation temperature. *Physical Review D*, **2001**, 64,	4.9	5
19	Non-perturbative calculations of a global U(2) theory at finite density and temperature. *Nuclear Physics B*, **2001**, 598, 578-600	2.8	5
18	Network rewiring models. *Networks and Heterogeneous Media*, **2008**, 3, 221-238	1.6	5
17	Making communities show respect for order. *Applied Network Science*, **2020**, 5,	2.9	3
16	Social success of perfumes. *PLoS ONE*, **2019**, 14, e0218664	3.7	3
15	The emergence of leadership in social networks. *Physica A: Statistical Mechanics and Its Applications*, **2012**, 391, 1434-1444	3.3	3
14	Wick⬚ theorem for nonsymmetric normal ordered products and contractions. *Journal of Mathematical Physics*, **1998**, 39, 5726-5738	1.2	3
13	How the network properties of shareholders vary with investor type and country. *PLoS ONE*, **2019**, 14, e0220965	3.7	2
12	Thermal bosonic Green functions near zero energy. *Canadian Journal of Physics*, **1993**, 71, 241-247	1.1	2
11	A Time-Dependent Nonequilibrium Calculational Scheme towards the Study of Temperature Fluctuations. *Fortschritte Der Physik*, **1993**, 41, 151-175	5.7	2
10	The longest path in the Price model. *Scientific Reports*, **2020**, 10, 10503	4.9	2
9	Transport coefficients and analytic continuation in dual (1+1)-dimensional models at finite temperature. *Nuclear Physics B*, **2003**, 654, 357-403	2.8	1
8	On normal ordering and canonical transformations in thermal field theory. *Journal of Physics A*, **1999**, 32, 1185-1195		1
7	Real time thermal propagators for massive gauge bosons. *Zeitschrift F⬚ Physik C-Particles and Fields*, **1995**, 65, 123-126		1
6	Identifying time dependence in network growth. *Physical Review Research*, **2020**, 2,	3.9	1
5	Understanding the transition from paroxysmal to persistent atrial fibrillation. *Physical Review Research*, **2020**, 2, 023311	3.9	0
4	Cycle analysis of Directed Acyclic Graphs. *Physica A: Statistical Mechanics and Its Applications*, **2022**, 596, 127097	3.3	0
3	Are Copying and Innovation Enough?. *Mathematics in Industry*, **2010**, 825-831	0.2	

LIST OF PUBLICATIONS

2   Oscillator Synchronization in Complex Networks with Non-uniform Time Delays. *Studies in Computational Intelligence*, **2013**, 93-100   0.8

1   Higher-order temporal network effects through triplet evolution. *Scientific Reports*, **2021**, 11, 15419   4.9