

Zhi Chen

List of Publications by Year in Descending Order

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Version: 2024-04-28

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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.

13
papers

2,464
citations

11
h-index

17
g-index

17
ext. papers

2,672
ext. citations

4.2
avg, IF

4.29
L-index

#	Paper	IF	Citations
13	Comparison of Ising spin glass noise to flux and inductance noise in SQUIDs. <i>Physical Review Letters</i> , 2010 , 104, 247204	7.4	20
12	Noise spectra of stochastic pulse sequences: Application to large-scale magnetization flips in the finite size two-dimensional Ising model. <i>Physical Review B</i> , 2009 , 79,	3.3	1
11	Measurement-noise maximum as a signature of a phase transition. <i>Physical Review Letters</i> , 2007 , 98, 057204	7.4	13
10	Cross-correlation of instantaneous phase increments in pressure-flow fluctuations: applications to cerebral autoregulation. <i>Physical Review E</i> , 2006 , 73, 031915	2.4	45
9	Spurious detection of phase synchronization in coupled nonlinear oscillators. <i>Physical Review E</i> , 2006 , 73, 065201	2.4	46
8	Quantifying signals with power-law correlations: a comparative study of detrended fluctuation analysis and detrended moving average techniques. <i>Physical Review E</i> , 2005 , 71, 051101	2.4	232
7	Effect of nonlinear filters on detrended fluctuation analysis. <i>Physical Review E</i> , 2005 , 71, 011104	2.4	189
6	Endogenous circadian rhythm in an index of cardiac vulnerability independent of changes in behavior. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004 , 101, 18223-7	11.5	114
5	Multiscale aspects of cardiac control. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2004 , 344, 685-704	3.94	70
4	Non-random fluctuations and multi-scale dynamics regulation of human activity. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2004 , 337, 307-18	3.3	118
3	Novel multiscale regulation in human motor activity 2003 , 5110, 235		1
2	Effect of nonstationarities on detrended fluctuation analysis. <i>Physical Review E</i> , 2002 , 65, 041107	2.4	681
1	Effect of trends on detrended fluctuation analysis. <i>Physical Review E</i> , 2001 , 64, 011114	2.4	934