

Zhi Chen

List of Publications by Year in descending order

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17
papers

2,847
citations

840776

11
h-index

1199594

12
g-index

17
all docs

17
docs citations

17
times ranked

1938
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of trends on detrended fluctuation analysis. Physical Review E, 2001, 64, 011114.	2.1	1,070
2	Effect of nonstationarities on detrended fluctuation analysis. Physical Review E, 2002, 65, 041107.	2.1	792
3	Quantifying signals with power-law correlations: A comparative study of detrended fluctuation analysis and detrended moving average techniques. Physical Review E, 2005, 71, 051101.	2.1	254
4	Effect of nonlinear filters on detrended fluctuation analysis. Physical Review E, 2005, 71, 011104.	2.1	215
5	Non-random fluctuations and multi-scale dynamics regulation of human activity. Physica A: Statistical Mechanics and Its Applications, 2004, 337, 307-318.	2.6	146
6	Endogenous circadian rhythm in an index of cardiac vulnerability independent of changes in behavior. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 18223-18227.	7.1	132
7	Multiscale aspects of cardiac control. Physica A: Statistical Mechanics and Its Applications, 2004, 344, 685-704.	2.6	89
8	Cross-correlation of instantaneous phase increments in pressure-flow fluctuations: Applications to cerebral autoregulation. Physical Review E, 2006, 73, 031915.	2.1	55
9	Spurious detection of phase synchronization in coupled nonlinear oscillators. Physical Review E, 2006, 73, 065201.	2.1	52
10	Comparison of Ising Spin Glass Noise to Flux and Inductance Noise in SQUIDS. Physical Review Letters, 2010, 104, 247204.	7.8	22
11	Measurement-Noise Maximum as a Signature of a Phase Transition. Physical Review Letters, 2007, 98, 057204.	7.8	18
12	Novel multiscale regulation in human motor activity. , 2003, 5110, 235.		1
13	Noise spectra of stochastic pulse sequences: Application to large-scale magnetization flips in the finite size two-dimensional Ising model. Physical Review B, 2009, 79, .	3.2	1
14	Does measurement noise increase as a phase transition is approached?. , 2007, , .		0
15	Noise in superconducting qubits and spin glasses. , 2013, , .		0
16	A Novel Ship-rocking Forecasting Method based on Hilbert Transform. , 2019, , .		0
17	Synchronization patterns in cerebral blood flow and peripheral blood pressure under minor stroke. , 2003, , .		0