Kyungsik Kim

List of Publications by Year
in descending order

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63	498	933447	752698
papers	citations	10 h-index	20 g-index

65	65	65	432
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	MULTISCALE ENTROPY ANALYSIS OF EEG FROM PATIENTS UNDER DIFFERENT PATHOLOGICAL CONDITIONS. Fractals, 2007, 15, 399-404.	3.7	107
2	Multifractal detrended fluctuation analysis of derivative and spot markets. Physica A: Statistical Mechanics and Its Applications, 2007, 386, 259-266.	2.6	64
3	Multifractal features of financial markets. Physica A: Statistical Mechanics and Its Applications, 2004, 344, 272-278.	2.6	48
4	DYNAMICAL BEHAVIOR OF CONTINUOUS TICK DATA IN FUTURES EXCHANGE MARKET. Fractals, 2003, 11, 131-136.	3.7	33
5	Characteristics of networks in financial markets. Computer Physics Communications, 2007, 177, 184-185.	7.5	24
6	Herd behaviors in the stock and foreign exchange markets. Physica A: Statistical Mechanics and Its Applications, 2004, 341, 526-532.	2.6	20
7	Structure of a financial cross-correlation matrix under attack. Physica A: Statistical Mechanics and Its Applications, 2009, 388, 3851-3858.	2.6	18
8	Features of the detrended cross-correlation analysis in the time series between absorbable particulate matter and meteorological factors. Journal of the Korean Physical Society, 2013, 63, 10-17.	0.7	15
9	MULTIFRACTAL MEASURES CHARACTERIZED BY THE ITERATIVE MAP WITH TWO CONTROL PARAMETERS. Fractals, 2000, 08, 181-187.	3.7	12
10	Analysis of topological properties in a seismic network. Physica A: Statistical Mechanics and Its Applications, 2012, 391, 2279-2285.	2.6	12
11	MULTIFRACTAL BEHAVIORS IN FOREIGN EXCHANGE MARKETS. Fractals, 2009, 17, 15-21.	3.7	9
12	Dynamical volatilities for yenâ€“dollar exchange rates. Physica A: Statistical Mechanics and Its Applications, 2006, 359, 569-575.	2.6	8
13	Analysis of price fluctuations in futures exchange markets. Physica A: Statistical Mechanics and Its Applications, 2008, 387, 2823-2830.	2.6	8
14	DYNAMICAL ANALYSES USING VISIBILITIES IN FINANCIAL MARKETS. Fractals, 2016, 24, 1650016.	3.7	8
15	Decay Process for Three - Species Reaction - Diffusion System. Journal of the Physical Society of Japan, 1999, 68, 1450-1451.	1.6	6
16	HURST EXPONENTS IN FUTURES EXCHANGE MARKETS. International Journal of Modern Physics C, 2006, 17, 1831-1838.	1.7	6
17	Dynamical mechanism of two-phase phenomena in financial markets. Physica A: Statistical Mechanics and Its Applications, 2007, 386, 253-258.	2.6	6
18	Identifying the structure of group correlation in the Korean financial market. Physica A: Statistical Mechanics and Its Applications, 2011, 390, 1991-2001.	2.6	6

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19	Dynamical analyses of the time series for the temperature and the humidity. Journal of the Korean Physical Society, 2013, 62, 193-196.	0.7	6
20	Determination of the dynamical behavior of rainfalls by using a multifractal detrended fluctuation analysis. Journal of the Korean Physical Society, 2012, 61, 658-661.	0.7	5
21	Dynamical mechanism in meteorological factors using detrended cross-correlation analysis. Journal of the Korean Physical Society, 2014, 65, 577-590.	0.7	5
22	Multifractal intensity in dynamical behaviors of multifractals. Journal of the Korean Physical Society, 2014, 65, 125-129.	0.7	5
23	Feature of topological properties in an earthquake network. Physica A: Statistical Mechanics and Its Applications, 2016, 442, 268-275.	2.6	5
24	Dynamical Behaviors in Earthquake Structures. Journal of the Korean Physical Society, 2010, 56, 1877-1879.	0.7	5
25	Phase transition of dynamical herd behaviors for Yenâ€“Dollar exchange rates. Physica A: Statistical Mechanics and Its Applications, 2006, 359, 563-568.	2.6	4
26	Dynamical structures of high-frequency financial data. Physica A: Statistical Mechanics and Its Applications, 2007, 376, 525-531.	2.6	4
27	Dynamics of the minority game for patients. Physica A: Statistical Mechanics and Its Applications, 2004, 344, 30-35.	2.6	3
28	Reactionâ€“Diffusion Processes on Small-World Networks. Journal of the Physical Society of Japan, 2005, 74, 2860-2861.	1.6	3
29	Reaction-Diffusion Processes on Scale-Free Networks. Journal of the Physical Society of Japan, 2007, 76, 035001.	1.6	3
30	Preliminary results of the ground-based orographic snow enhancement experiment for the easterly cold fog (cloud) at Daegwallyeong during the 2006 winter. Advances in Atmospheric Sciences, 2009, 26, 222-228.	4.3	3
31	Multifractals of Normalized First Passage Time in Sierpinski Gasket. Journal of the Physical Society of Japan, 1998, 67, 1583-1586.	1.6	3
32	Dynamical Importance of Rainfall Analyses in Korean Cities. Journal of the Korean Physical Society, 2009, 55, 2344-2347.	0.7	3
33	Dynamical Minority and Majority Games in Korean Bond Futures Exchange Market. Journal of the Physical Society of Japan, 2006, 75, 015003.	1.6	2
34	COLLECTIVE POLITICAL OPINION FORMATION IN NONLINEAR SOCIAL INTERACTION. International Journal of Modern Physics C, 2007, 18, 1429-1434.	1.7	2
35	DYNAMICS OF AVALANCHE ACTIVITIES IN FINANCIAL MARKETS. International Journal of Modern Physics C, 2007, 18, 119-127.	1.7	2
36	Dynamical stochastic processes of returns in financial markets. Physica A: Statistical Mechanics and Its Applications, 2007, 376, 517-524.	2.6	2

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37	Analyses of the structure of group correlations in Korean financial markets. Journal of the Korean Physical Society, 2012, 61, 1751-1758.	0.7	2
38	Analysis of the network mechanism for sea surface temperatures around the Korean Peninsula. Journal of the Korean Physical Society, 2012, 60, 566-569.	0.7	2
39	Dynamical behavior of price forecasting in structures of group correlations. Journal of the Korean Physical Society, 2015, 67, 395-399.	0.7	2
40	Neural network and regression methods for optimizations between two meteorological factors. Physica A: Statistical Mechanics and Its Applications, 2019, 523, 778-796.	2.6	2
41	MULTIFRACTAL MEASURES IN FRACTIONAL ITERATIVE MAPS. Fractals, 2002, 10, 229-233.	3.7	1
42	Deterministic diffusion generated by a chaotic map with intrinsic bias. Chaos, Solitons and Fractals, 2002, 14, 681-687.	5.1	1
43	MULTIFRACTAL MEASURES ON SMALL-WORLD NETWORKS. Fractals, 2006, 14, 119-123.	3.7	1
44	MULTIFRACTALS ON SMALL-WORLD NETWORKS. International Journal of Modern Physics B, 2007, 21, 4059-4063.	2.0	1
45	Volatilities, traded volumes, and the hypothesis of price increments in derivative securities. Physica A: Statistical Mechanics and Its Applications, 2007, 382, 577-585.	2.6	1
46	Dynamical behaviors of inter-out-of-equilibrium state intervals in Korean futures exchange markets. Physica A: Statistical Mechanics and Its Applications, 2008, 387, 2831-2836.	2.6	1
47	Dynamical analyses of the time series for three foreign exchange rates. Journal of the Korean Physical Society, 2012, 60, 1473-1476.	0.7	1
48	Characteristics of network metrics in seismic phenomena. Journal of the Korean Physical Society, 2012, 61, 1163-1166.	0.7	1
49	Return volatilities of the Korea treasury bond in financial markets. Journal of the Korean Physical Society, 2012, 60, 637-640.	0.7	1
50	Characteristics of the topological properties in a seismic network of California. Journal of the Korean Physical Society, 2014, 65, 964-969.	0.7	1
51	Topological properties of networks in structural classification of proteins. Journal of the Korean Physical Society, 2014, 65, 1164-1169.	0.7	1
52	Analysis of multifractal strengths in game behaviors. Journal of the Korean Physical Society, 2015, 66, 1617-1622.	0.7	1
53	Dynamical mechanism of two meteorological factors in a complicated region. Journal of the Korean Physical Society, 2015, 66, 1611-1616.	0.7	1
54	Macroscopic analyses of communicability structures in complex networks. Journal of the Korean Physical Society, 2016, 69, 1603-1608.	0.7	1

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55	Dynamical behavior of the correlation between meteorological factors. Journal of the Korean Physical Society, 2017, 71, 875-879.	0.7	1
56	Chaotic features in fractional iterative maps. Physica A: Statistical Mechanics and Its Applications, 2002, 315, 40-44.	2.6	0
57	MINORITY AND MAJORITY GAMES IN FINANCIAL MARKETS. Fractals, 2007, 15, 97-100.	3.7	0
58	Information of group-correlations in Korean financial market. Computer Physics Communications, 2011, 182, 219-222.	7.5	0
59	Analysis of Multifractals in Game Behaviors. Procedia Computer Science, 2012, 9, 1410-1415.	2.0	0
60	Multifractal measures of ions absorbed on a charged lipid membrane. Journal of the Korean Physical Society, 2013, 62, 845-848.	0.7	0
61	Dynamical behaviors of multifractal strengths in meteorological factors. Journal of the Korean Physical Society, 2017, 70, 325-329.	0.7	0
62	Regularity Analysis of Inter-Out-of-Equilibrium State Intervals in Financial Markets. Journal of the Physical Society of Japan, 2008, 77, 033801.	1.6	0
63	Dynamical prediction of two meteorological factors using the deep neural network and the long short-term memory (Î™Î™). Journal of the Korean Physical Society, 0, , 1.	0.7	0