

Kyungsik Kim

List of Publications by Year in descending order

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63
papers

498
citations

933447

10
h-index

752698

20
g-index

65
all docs

65
docs citations

65
times ranked

432
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | 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 |
| 2 | Dynamical behaviors of multifractal strengths in meteorological factors. Journal of the Korean Physical Society, 2017, 70, 325-329. | 0.7 | 0 |
| 3 | Dynamical behavior of the correlation between meteorological factors. Journal of the Korean Physical Society, 2017, 71, 875-879. | 0.7 | 1 |
| 4 | Macroscopic analyses of communicability structures in complex networks. Journal of the Korean Physical Society, 2016, 69, 1603-1608. | 0.7 | 1 |
| 5 | DYNAMICAL ANALYSES USING VISIBILITIES IN FINANCIAL MARKETS. Fractals, 2016, 24, 1650016. | 3.7 | 8 |
| 6 | Feature of topological properties in an earthquake network. Physica A: Statistical Mechanics and Its Applications, 2016, 442, 268-275. | 2.6 | 5 |
| 7 | Analysis of multifractal strengths in game behaviors. Journal of the Korean Physical Society, 2015, 66, 1617-1622. | 0.7 | 1 |
| 8 | Dynamical mechanism of two meteorological factors in a complicated region. Journal of the Korean Physical Society, 2015, 66, 1611-1616. | 0.7 | 1 |
| 9 | Dynamical behavior of price forecasting in structures of group correlations. Journal of the Korean Physical Society, 2015, 67, 395-399. | 0.7 | 2 |
| 10 | Characteristics of the topological properties in a seismic network of California. Journal of the Korean Physical Society, 2014, 65, 964-969. | 0.7 | 1 |
| 11 | Dynamical mechanism in meteorological factors using detrended cross-correlation analysis. Journal of the Korean Physical Society, 2014, 65, 577-590. | 0.7 | 5 |
| 12 | Topological properties of networks in structural classification of proteins. Journal of the Korean Physical Society, 2014, 65, 1164-1169. | 0.7 | 1 |
| 13 | Multifractal intensity in dynamical behaviors of multifractals. Journal of the Korean Physical Society, 2014, 65, 125-129. | 0.7 | 5 |
| 14 | 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 |
| 15 | Multifractal measures of ions absorbed on a charged lipid membrane. Journal of the Korean Physical Society, 2013, 62, 845-848. | 0.7 | 0 |
| 16 | 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 |
| 17 | Analysis of Multifractals in Game Behaviors. Procedia Computer Science, 2012, 9, 1410-1415. | 2.0 | 0 |
| 18 | Dynamical analyses of the time series for three foreign exchange rates. Journal of the Korean Physical Society, 2012, 60, 1473-1476. | 0.7 | 1 |

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|----|--|-----|-----------|
| 19 | Characteristics of network metrics in seismic phenomena. Journal of the Korean Physical Society, 2012, 61, 1163-1166. | 0.7 | 1 |
| 20 | Analyses of the structure of group correlations in Korean financial markets. Journal of the Korean Physical Society, 2012, 61, 1751-1758. | 0.7 | 2 |
| 21 | 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 |
| 22 | 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 |
| 23 | Return volatilities of the Korea treasury bond in financial markets. Journal of the Korean Physical Society, 2012, 60, 637-640. | 0.7 | 1 |
| 24 | Analysis of topological properties in a seismic network. Physica A: Statistical Mechanics and Its Applications, 2012, 391, 2279-2285. | 2.6 | 12 |
| 25 | 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 |
| 26 | Information of group-correlations in Korean financial market. Computer Physics Communications, 2011, 182, 219-222. | 7.5 | 0 |
| 27 | Dynamical Behaviors in Earthquake Structures. Journal of the Korean Physical Society, 2010, 56, 1877-1879. | 0.7 | 5 |
| 28 | MULTIFRACTAL BEHAVIORS IN FOREIGN EXCHANGE MARKETS. Fractals, 2009, 17, 15-21. | 3.7 | 9 |
| 29 | 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 |
| 30 | Structure of a financial cross-correlation matrix under attack. Physica A: Statistical Mechanics and Its Applications, 2009, 388, 3851-3858. | 2.6 | 18 |
| 31 | Dynamical Importance of Rainfall Analyses in Korean Cities. Journal of the Korean Physical Society, 2009, 55, 2344-2347. | 0.7 | 3 |
| 32 | 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 |
| 33 | Analysis of price fluctuations in futures exchange markets. Physica A: Statistical Mechanics and Its Applications, 2008, 387, 2823-2830. | 2.6 | 8 |
| 34 | 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 |
| 35 | MULTIFRACTALS ON SMALL-WORLD NETWORKS. International Journal of Modern Physics B, 2007, 21, 4059-4063. | 2.0 | 1 |
| 36 | COLLECTIVE POLITICAL OPINION FORMATION IN NONLINEAR SOCIAL INTERACTION. International Journal of Modern Physics C, 2007, 18, 1429-1434. | 1.7 | 2 |

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|----|---|-----|-----------|
| 37 | DYNAMICS OF AVALANCHE ACTIVITIES IN FINANCIAL MARKETS. International Journal of Modern Physics C, 2007, 18, 119-127. | 1.7 | 2 |
| 38 | MULTISCALE ENTROPY ANALYSIS OF EEG FROM PATIENTS UNDER DIFFERENT PATHOLOGICAL CONDITIONS. Fractals, 2007, 15, 399-404. | 3.7 | 107 |
| 39 | Reaction-Diffusion Processes on Scale-Free Networks. Journal of the Physical Society of Japan, 2007, 76, 035001. | 1.6 | 3 |
| 40 | MINORITY AND MAJORITY GAMES IN FINANCIAL MARKETS. Fractals, 2007, 15, 97-100. | 3.7 | 0 |
| 41 | Dynamical stochastic processes of returns in financial markets. Physica A: Statistical Mechanics and Its Applications, 2007, 376, 517-524. | 2.6 | 2 |
| 42 | 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 |
| 43 | Dynamical mechanism of two-phase phenomena in financial markets. Physica A: Statistical Mechanics and Its Applications, 2007, 386, 253-258. | 2.6 | 6 |
| 44 | Multifractal detrended fluctuation analysis of derivative and spot markets. Physica A: Statistical Mechanics and Its Applications, 2007, 386, 259-266. | 2.6 | 64 |
| 45 | Dynamical structures of high-frequency financial data. Physica A: Statistical Mechanics and Its Applications, 2007, 376, 525-531. | 2.6 | 4 |
| 46 | Characteristics of networks in financial markets. Computer Physics Communications, 2007, 177, 184-185. | 7.5 | 24 |
| 47 | Phase transition of dynamical herd behaviors for Yen-Dollar exchange rates. Physica A: Statistical Mechanics and Its Applications, 2006, 359, 563-568. | 2.6 | 4 |
| 48 | Dynamical Minority and Majority Games in Korean Bond Futures Exchange Market. Journal of the Physical Society of Japan, 2006, 75, 015003. | 1.6 | 2 |
| 49 | Dynamical volatilities for yen-dollar exchange rates. Physica A: Statistical Mechanics and Its Applications, 2006, 359, 569-575. | 2.6 | 8 |
| 50 | HURST EXPONENTS IN FUTURES EXCHANGE MARKETS. International Journal of Modern Physics C, 2006, 17, 1831-1838. | 1.7 | 6 |
| 51 | MULTIFRACTAL MEASURES ON SMALL-WORLD NETWORKS. Fractals, 2006, 14, 119-123. | 3.7 | 1 |
| 52 | Reaction-Diffusion Processes on Small-World Networks. Journal of the Physical Society of Japan, 2005, 74, 2860-2861. | 1.6 | 3 |
| 53 | Herd behaviors in the stock and foreign exchange markets. Physica A: Statistical Mechanics and Its Applications, 2004, 341, 526-532. | 2.6 | 20 |
| 54 | Dynamics of the minority game for patients. Physica A: Statistical Mechanics and Its Applications, 2004, 344, 30-35. | 2.6 | 3 |

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|----|---|-----|-----------|
| 55 | Multifractal features of financial markets. Physica A: Statistical Mechanics and Its Applications, 2004, 344, 272-278. | 2.6 | 48 |
| 56 | DYNAMICAL BEHAVIOR OF CONTINUOUS TICK DATA IN FUTURES EXCHANGE MARKET. Fractals, 2003, 11, 131-136. | 3.7 | 33 |
| 57 | MULTIFRACTAL MEASURES IN FRACTIONAL ITERATIVE MAPS. Fractals, 2002, 10, 229-233. | 3.7 | 1 |
| 58 | Deterministic diffusion generated by a chaotic map with intrinsic bias. Chaos, Solitons and Fractals, 2002, 14, 681-687. | 5.1 | 1 |
| 59 | Chaotic features in fractional iterative maps. Physica A: Statistical Mechanics and Its Applications, 2002, 315, 40-44. | 2.6 | 0 |
| 60 | MULTIFRACTAL MEASURES CHARACTERIZED BY THE ITERATIVE MAP WITH TWO CONTROL PARAMETERS. Fractals, 2000, 08, 181-187. | 3.7 | 12 |
| 61 | Decay Process for Three - Species Reaction - Diffusion System. Journal of the Physical Society of Japan, 1999, 68, 1450-1451. | 1.6 | 6 |
| 62 | Multifractals of Normalized First Passage Time in Sierpinski Gasket. Journal of the Physical Society of Japan, 1998, 67, 1583-1586. | 1.6 | 3 |
| 63 | Dynamical prediction of two meteorological factors using the deep neural network and the long short-term memory (LSTM). Journal of the Korean Physical Society, 0, , 1. | 0.7 | 0 |