

Fernando Bm Duarte

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

349
citations

1163065

8
h-index

1125717

13
g-index

15
all docs

15
docs citations

15
times ranked

198
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Dynamics of the Dow Jones and the NASDAQ stock indexes. <i>Nonlinear Dynamics</i> , 2010, 61, 691-705. | 5.2 | 52 |
| 2 | Fractional dynamics in the trajectory control of redundant manipulators. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2008, 13, 1836-1844. | 3.3 | 50 |
| 3 | Identifying economic periods and crisis with the multidimensional scaling. <i>Nonlinear Dynamics</i> , 2011, 63, 611-622. | 5.2 | 46 |
| 4 | Analysis of financial data series using fractional Fourier transform and multidimensional scaling. <i>Nonlinear Dynamics</i> , 2011, 65, 235-245. | 5.2 | 46 |
| 5 | Analysis of stock market indices through multidimensional scaling. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2011, 16, 4610-4618. | 3.3 | 43 |
| 6 | FRACTIONAL DYNAMICS IN FINANCIAL INDICES. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2012, 22, 1250249. | 1.7 | 32 |
| 7 | Describing function of two masses with backlash. <i>Nonlinear Dynamics</i> , 2009, 56, 409-413. | 5.2 | 31 |
| 8 | Fractional describing function of systems with Coulomb friction. <i>Nonlinear Dynamics</i> , 2009, 56, 381-387. | 5.2 | 24 |
| 9 | Multidimensional Scaling Analysis of Stock Market Indexes. , 2011, , 307-321. | | 6 |
| 10 | FRACTIONAL DYNAMICS IN THE DESCRIBING FUNCTION ANALYSIS OF NONLINEAR FRICTION. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2006, 39, 218-223. | 0.4 | 5 |
| 11 | Analysis of Stock Market Indices with Multidimensional Scaling and Wavelets. <i>Mathematical Problems in Engineering</i> , 2012, 2012, 1-14. | 1.1 | 4 |
| 12 | Analysis of financial indices by means of the windowed Fourier transform. <i>Signal, Image and Video Processing</i> , 2012, 6, 487-494. | 2.7 | 4 |
| 13 | Power Law Analysis of Financial Index Dynamics. <i>Discrete Dynamics in Nature and Society</i> , 2012, 2012, 1-12. | 0.9 | 3 |
| 14 | Application of continuous wavelet transform to the analysis of the modulus of the fractional Fourier transform bands for resolving two component mixture. <i>Signal, Image and Video Processing</i> , 2015, 9, 801-807. | 2.7 | 3 |
| 15 | Analysis of financial indexes with computational techniques. , 2010, , . | | 0 |