Fernando Bm Duarte

List of Publications by Year
in descending order

15 papers	**349** citations	1163117 **8** h-index	1125743 **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. Nonlinear Dynamics, 2010, 61, 691-705.	5.2	52
2	Fractional dynamics in the trajectory control of redundant manipulators. Communications in Nonlinear Science and Numerical Simulation, 2008, 13, 1836-1844.	3.3	50
3	Identifying economic periods and crisis withÂtheÂmultidimensional scaling. Nonlinear Dynamics, 2011, 63, 611-622.	5.2	46
4	Analysis of financial data series using fractional Fourier transform and multidimensional scaling. Nonlinear Dynamics, 2011, 65, 235-245.	5.2	46
5	Analysis of stock market indices through multidimensional scaling. Communications in Nonlinear Science and Numerical Simulation, 2011, 16, 4610-4618.	3.3	43
6	FRACTIONAL DYNAMICS IN FINANCIAL INDICES. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2012, 22, 1250249.	1.7	32
7	Describing function of two masses with backlash. Nonlinear Dynamics, 2009, 56, 409-413.	5.2	31
8	Fractional describing function of systems with Coulomb friction. Nonlinear Dynamics, 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. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2006, 39, 218-223.	0.4	5
11	Analysis of Stock Market Indices with Multidimensional Scaling and Wavelets. Mathematical Problems in Engineering, 2012, 2012, 1-14.	1.1	4
12	Analysis of financial indices by means of the windowed Fourier transform. Signal, Image and Video Processing, 2012, 6, 487-494.	2.7	4
13	Power Law Analysis of Financial Index Dynamics. Discrete Dynamics in Nature and Society, 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. Signal, Image and Video Processing, 2015, 9, 801-807.	2.7	3
15	Analysis of financial indexes with computational techniques. , 2010, , .		0