

## Reference

- Abeysekera, S. P. (2001). Efficient Markets Hypothesis And The Emerging Capital Market In Sri Lanka: Evidence From The Colombo Stock Exchange - A Note. *Journal Of Business Finance & Accounting*, 28(1), 249–261. <https://doi.org/10.1111/1468-5957.00373>
- Aboody, D., Hughes, J., & Liu, J. (2002). Measuring Value Relevance in a (Possibly) Inefficient Market. *Journal of Accounting Research* 40 (4):965–986. doi:10.1111/1475-679x.00078
- Ahmed, K., & Goodwin, J. (2006). Effects of international financial reporting standards on the accounts and accounting quality of Australian firms.
- Alaminos, D., & Salas, M. B. (2023). Multiscale Multifractal Detrended Analysis Of Speculative Attacks Dynamics In Cryptocurrencies. *Artificial Intelligence And Soft Computing*, 325–339. [https://doi.org/10.1007/978-3-031-23492-7\\_28](https://doi.org/10.1007/978-3-031-23492-7_28)
- Alessio, E. Carbone, A. Castelli, G. Frappietro, V. Second-order moving average and scaling of stochastic time series. *Eur. Phys. J. B* 2, 197–200 (2002)
- Ammann, M., Oesch, D., & Schmid, M. M. (2013). Product Market Competition, Corporate Governance, And Firm Value: Evidence From The EU Area. *European Financial Management*, 19(3), 452–469. <https://doi.org/10.1111/J.1468-036x.2010.00605.X>
- Anelli, M., & Patanè, M. (2023). The “Perpetually” Efficient Stock Market Nonsense: The Gaslighting Effects. *Journal Of Finance And Investment Analysis*, 1–10. <https://doi.org/10.47260/Jfia/1221>
- Alvarez, J. E. Rodriguez, E.J. Carlos, A DFA approach for assessing asymmetric correlations. *Phys. A* 388, 2263–2270 (2009)
- Bachelier, L. (1900). *Louis Bachelier, Fondateur De La Finance Mathématique*.
- Bajwa, R., & Kaur, R. (2022). A Test Of Weak Form Of Efficient Market Hypothesis In Indian Stock Market Using Momentum And Contrarian Effect. *International Journal Of Business And Globalisation*, 32(2), 1. <https://doi.org/10.1504/Ijbg.2022.10038021>
- Baker, S., Bloom, N., Davis, S., Kost, K., Sammon, M., & Viratyosin, T. (2020). *The Unprecedented Stock Market Impact Of COVID-19*. National Bureau Of Economic Research. <https://doi.org/10.3386/W26945>
- Balasubramanian, N. (2020). An MFDFA Study To Find Herd Behaviour And Information Asymmetry During Demonetization. *Ushus Journal Of Business Management*, 19(3), 41–59. <https://doi.org/10.12725/Ujbm.52.3>

- Ball, R. (2009). The Global Financial Crisis And The Efficient Market Hypothesis: What Have We Learned? *Journal Of Applied Corporate Finance*, 21(4), 8–16. <https://doi.org/10.1111/J.1745-6622.2009.00246.X>
- Bao, J., Chen, W., & Xiang, Z.-T. (2016). Traffic Time Series Simulation Analysis By Using MSE And MFDDFA. *2016 International Conference On Industrial Informatics - Computing Technology, Intelligent Technology, Industrial Information Integration (ICIICII)*. <https://doi.org/10.1109/Iciicii.2016.0099>
- Barth, Mary & Li, Ken & McClure, Charles. (2017). Evolution in Value Relevance of Accounting Information. *SSRN Electronic Journal*. 10.2139/ssrn.2933197.
- Bartov, E., Goldberg, S. R., & Kim, M. (2005). Comparative value relevance among German, U.S., and international accounting standards: A German stock market perspective. *Journal of Accounting, Auditing & Finance*, 20(2), 95–119.
- Bauwens, L., Preminger, A., & Rombouts, J. V. K. (2010). Theory And Inference For A Markov Switching GARCH Model. *Econometrics Journal*, 13(2), 218–244. <https://doi.org/10.1111/J.1368-423x.2009.00307.X>
- Bekaert, G., Ehrmann, M., Fratzscher, M., & Mehl, A. (2014). The Global Crisis And Equity Market Contagion. *The Journal Of Finance*, 69(6), 2597–2649. <https://doi.org/10.1111/Jofi.12203>
- Bora, D., & Basistha, D. (2020). *The Outbreak Of COVID-19 Pandemic And Its Impact On Stock Market Volatility: Evidence From A Worst-Affected Economy*. Research Square Platform LLC. <https://doi.org/10.21203/RS.3.Rs-57471/V1>
- Borges, M. R. (2010). Efficient Market Hypothesis In European Stock Markets. *The European Journal Of Finance*, 16(7), 711–726. <https://doi.org/10.1080/1351847x.2010.495477>
- Callao, S., Jarne, J., & La´mez, J. (2007). Adoption of IFRS in Spain: Effect on the comparability and relevance of financial reporting. *Journal of International Accounting, Auditing and Taxation*, 16(7), 148–178.
- Cajueiro, D. O., & Tabak, B. M. (2004). The Hurst Exponent Over Time: Testing The Assertion That Emerging Markets Are Becoming More Efficient. *Physica A: Statistical Mechanics And Its Applications*, 336(3), 521–537. <https://doi.org/10.1016/J.Physa.2003.12.031>
- Chalmers, K., Clinch, G., & Godfrey, J. M. (2008). Adoption of international financial reporting standards: Impact on the value relevance of intangible assets. *Australian Accounting Review*, 18(3), 237–247
- Clarkson, P., Douglas, H, Richardson, G. D., & Thompson, R. (2011). The impact of IFRS adoption on the value relevance of book value and earnings. *Journal of Contemporary Accounting & Economics*, 7, 1–17.

- Cao, G., He, L.-Y., & Cao, J. (2018). Asymmetric Multifractal Detrended Fluctuation Analysis (A-MFDFA). *Multifractal Detrended Analysis Method And Its Application In Financial Markets*, 79–111. [https://doi.org/10.1007/978-981-10-7916-0\\_5](https://doi.org/10.1007/978-981-10-7916-0_5)
- Carbone, A., Castelli, G., & Stanley, H. E. (2004). Time-Dependent Hurst Exponent In Financial Time Series. *Physica A: Statistical Mechanics And Its Applications*, 344(1), 267–271. <https://doi.org/10.1016/j.physa.2004.06.130>
- Chang, H.-W., Chiang, Y.-C., Ke, M.-C., Wang, M.-H., & Nguyen, T.-T. (2023). Market Efficiency Of Asian Stock Markets During The Financial Crisis And Non-Financial Crisis Periods. *International Review Of Economics & Finance*, 83, 312–329. <https://doi.org/10.1016/j.iref.2022.08.020>
- Chen, Z. (2010). A Note On The Runs Test. *Model Assisted Statistics And Applications*, 5(2), 73–77. <https://doi.org/10.3233/Mas-2010-0142>
- Chorowski, M., & Kutner, R. (2022). Multifractal Company Market: An Application To The Stock Market Indices. *Entropy*, 24(1), 130. <https://doi.org/10.3390/E24010130>
- Chowdhury, M. A. F., Abdullah, M., Alam, M., Abedin, M. Z., & Shi, B. (2023). Nfts, Defi, And Other Assets Efficiency And Volatility Dynamics: An Asymmetric Multifractality Analysis. *International Review Of Financial Analysis*, 87. <https://doi.org/10.1016/j.irfa.2023.102642>
- Chow, K. V., & Denning, K. C. (1993). A Simple Multiple Variance Ratio Test. *Journal Of Econometrics*, 58(3), 385–401. [https://doi.org/10.1016/0304-4076\(93\)90051-6](https://doi.org/10.1016/0304-4076(93)90051-6)
- Chow, S.-C. (2022). Modified Mean-Variance Analysis, Portfolio Optimization And Prospect Theory. *SSRN Electronic Journal*. <https://doi.org/10.2139/ssrn.4287601>
- Cox, J., Greenwald, D., & Ludvigson, S. (2020). *What Explains The COVID-19 Stock Market?* National Bureau Of Economic Research. <https://doi.org/10.3386/W27784>
- Demyanyk, Y. S., & Hemert, O. Van. (2008). Understanding The Subprime Mortgage Crisis. *SSRN Electronic Journal*. <https://doi.org/10.2139/ssrn.1020396>
- Derbentsev, V., Ganchuk, A., & Соловйов, В. М. (2006). *Cross Correlations And Multifractal Properties Of Ukraine Stock Market*. Politecnico Di Torino. <https://doi.org/10.31812/0564/1117>
- Dicle, M. F. (2013). Predicting Returns: Runs Test For Financial Time Series. *SSRN Electronic Journal*. <https://doi.org/10.2139/ssrn.2223676>

- Diniz-Maganini, N., Rasheed, A. A., & Sheng, H. H. (2023). Price Efficiency Of The Foreign Exchange Rates Of BRICS Countries: A Comparative Analysis. *Latin American Journal Of Central Banking*, 4(1), 100081. <https://doi.org/10.1016/J.Latcb.2022.100081>
- Easton, P. D., Harris T. S. (1991). Earnings As An Explanatory Variables For Return. *Journal of Accounting Research*. 29(1) 19-36. [Doi:10.2307/2491026](https://doi.org/10.2307/2491026)
- Engle, R. (1982). *Autoregressive Conditional Heteroscedasticity With Estimates Of The Variance Of United Kingdom Inflation* (Vol. 50, Issue 4).
- Engle, R. (2001). GARCH 101: The Use Of ARCH/GARCH Models In Applied Econometrics. *Journal Of Economic Perspectives*, 15(4), 157–168. <https://doi.org/10.1257/Jep.15.4.157>
- Engle, R., & Sheppard, K. (2001). *Theoretical And Empirical Properties Of Dynamic Conditional Correlation Multivariate GARCH*. National Bureau Of Economic Research. <https://doi.org/10.3386/W8554>
- Eom, C., Choi, S., Oh, G., & Jung, W.-S. (2008). Hurst Exponent And Prediction Based On Weak-Form Efficient Market Hypothesis Of Stock Markets. *Physica A: Statistical Mechanics And Its Applications*, 387(18), 4630–4636. <https://doi.org/10.1016/J.Physa.2008.03.035>
- Fama, E. F. (1965). Random Walks In Stock Market Prices. *Financial Analysts Journal*, 21(5), 55–59. <https://doi.org/10.2469/Faj.V21.N5.55>
- Fama, E. F. (1965). The Behavior Of Stock-Market Prices. *The Journal Of Business*, 38(1), 34. <https://doi.org/10.1086/294743>
- Fama, E. F. (1970). Efficient Capital Markets: A Review Of Theory And Empirical Work. *The Journal Of Finance*, 25(2), 383. <https://doi.org/10.2307/2325486>
- Fama, E. F. (1997). Market Efficiency, Long-Term Returns, And Behavioral Finance. *SSRN Electronic Journal*. <https://doi.org/10.2139/Ssrn.15108>
- Fama, E. F., & French, K. R. (2012). Size, Value, And Momentum In International Stock Returns. *Journal Of Financial Economics*, 105(3), 457–472. <https://doi.org/10.1016/J.Jfineco.2012.05.011>
- Fama, E. F., & French, K. R. (2015). Dissecting Anomalies With A Five-Factor Model. *Review Of Financial Studies*, 29(1), 69–103. <https://doi.org/10.1093/Rfs/Hhv043>
- Frezza, M., Bianchi, S., & Pianese, A. (2021). Fractal Analysis Of Market (In)Efficiency During The COVID-19. *Finance Research Letters*, 38, 101851. <https://doi.org/10.1016/J.Frl.2020.101851>

- Fu, J., & Mishra, M. (2022). Fintech In The Time Of COVID-19: Technological Adoption During Crises. *Journal Of Financial Intermediation*, 50, 100945. <https://doi.org/10.1016/j.jfi.2021.100945>
- Gaio, L. E., & Capitani, D. H. D. (2023). Multifractal Cross-Correlation Analysis Between Crude Oil And Agricultural Futures Markets: Evidence From Russia-Ukraine Conflict. *Journal Of Agribusiness In Developing And Emerging Economies*. <https://doi.org/10.1108/jadee-11-2022-0252>
- Goodwin, John & Ahmed, Kamran & Heaney, Richard. (2008). The Effects of International Financial Reporting Standards on the Accounts and Accounting Quality of Australian Firms: A Retrospective Study. *Journal of Contemporary Accounting & Economics*. 4. 89-119. 10.1016/S1815-5669(10)70031-X.
- Gu, G.-F. Zhou, W.-X. (2010). Detrending moving average algorithm for multifractals. *Phys. Rev. E*. 82(1), 011-136
- Gunay, S. (2020). COVID-19 Pandemic Versus Global Financial Crisis: Evidence From Currency Market. *SSRN Electronic Journal*. <https://doi.org/10.2139/ssrn.3584249>
- Hellwig, M. F. (2008). Systemic Risk In The Financial Sector: An Analysis Of The Subprime-Mortgage Financial Crisis. *SSRN Electronic Journal*. <https://doi.org/10.2139/ssrn.1309442>
- He, L. Y., & Chen, S. P. (2010). Are Developed And Emerging Agricultural Futures Markets Multifractal? A Comparative Perspective. *Physica A: Statistical Mechanics And Its Applications*, 389(18), 3828-3836. <https://doi.org/10.1016/j.physa.2010.05.021>
- Hong, 2010. Serial correlation and serial dependence. *Macroeconometrics and Time series analysis*. ISBN: 978-0-230-23885-5. doi=10.1057/9780230280830\_25
- Hurst, H. E. (1951). Long-term storage capacity of reservoirs. *Transactions of the American Society of Civil Engineers*, 116, 770-799.
- Hung, M., & Subramanyam, K. (2007). Financial statements effects of adopting international accounting standards: The case of Germany. *Review of Accounting Studies*, 12(4), 623-671.
- Inoue, A., Jin, L., & Rossi, B. (2017). Rolling Window Selection For Out-Of-Sample Forecasting With Time-Varying Parameters. *Journal Of Econometrics*, 196(1), 55-67. [Doi.org/10.1016/j.jeconom.2016.03.006](https://doi.org/10.1016/j.jeconom.2016.03.006)
- Jagric, T., Podobnik, B., & Kolanovic, M. (2005). Does The Efficient Market Hypothesis Hold?: Evidence From Six Transition Economies. *Eastern European Economics*, 43(4), 79-103. [Doi.org/10.1080/00128775.2005.11041112](https://doi.org/10.1080/00128775.2005.11041112)

- Janus, J. (2021). The COVID-19 Shock And Long-Term Interest Rates In Emerging Market Economies. *Finance Research Letters*, 43, 101976. [Doi.Org/10.1016/J.Frl.2021.101976](https://doi.org/10.1016/J.Frl.2021.101976)
- Jermakowicz, K., Jenice, P. K., & Wulf, I. (2007). The value relevance of accounting income reported by DAX-30 German companies. *Journal of International Financial Management and Accounting*, 18(3), 151–191.
- Jiang, Z.-Q. Zhou W.-X., Multifractality in stock indexes: fact or fiction? *Physica A* 387, 3605–3614 (2008)
- Jitmaneroj, B. (2023). Prioritizing CSR Components For Value Enhancement: Evidence From The Financial Industry In Developed And Emerging Markets. *Heliyon*. 9(5). ISSN 2405-8440. <https://doi.org/10.1016/j.heliyon.2023.e16044>.
- Kahneman, D. (2003). Maps Of Bounded Rationality: Psychology For Behavioral Economics. *American Economic Review*, 93(5), 1449–1475. [Doi.Org/10.1257/00028280332265392](https://doi.org/10.1257/00028280332265392)
- Kahneman, D., Knetsch, J. L., & Thaler, R. H. (1991). Anomalies: The Endowment Effect, Loss Aversion, And Status Quo Bias. *Journal Of Economic Perspectives*, 5(1), 193–206. [Doi.Org/10.1257/Jep.5.1.193](https://doi.org/10.1257/Jep.5.1.193)
- Kahneman, D., & Tversky, A. (1979). Prospect Theory: An Analysis Of Decision Under Risk. *Econometrica*, 47(2), 263. [Doi.Org/10.2307/1914185](https://doi.org/10.2307/1914185)
- Kahneman, D., & Tversky, A. (2013). Prospect Theory: An Analysis Of Decision Under Risk. *Handbook Of The Fundamentals Of Financial Decision Making*, 99–127. [Doi.Org/10.1142/9789814417358\\_0006](https://doi.org/10.1142/9789814417358_0006)
- Kakinaka, S., & Umeno, K. (2022). Cryptocurrency Market Efficiency In Short- And Long-Term Horizons During COVID-19: An Asymmetric Multifractal Analysis Approach. *Finance Research Letters*, 46. [Doi.Org/10.1016/J.Frl.2021.102319](https://doi.org/10.1016/J.Frl.2021.102319)
- Kantelhardt, J. W., Zschiegner, S. A., Koscielny-Bunde, E., Bunde, A., Havlin, S., & Stanley, H. E. (2002). *Multifractal Detrended Fluctuation Analysis Of Nonstationary Time Series*.
- Karampinis, N. I., Hevas, D. (2011). Mandating IFRS in an Unfavorable Environment: The Greek Experience. *The International Journal of Accounting*. 46(3). Issue 3. 304-332.
- Karp, A., & Vuuren, G. V. A. N. (2019). Investment Implications Of The Fractal Market Hypothesis. *Annals Of Financial Economics*, 14(1), 1950001. [Https://Doi.Org/10.1142/S2010495219500015](https://doi.org/10.1142/S2010495219500015)

- Kasidi, K., & Banafa, A. (2022). Efficient Market Hypothesis And Market Anomalies: Empirical Evidence From Nairobi Securities Exchange. *SSRN Electronic Journal*. Doi.Org/10.2139/Ssrn.4270987
- Ke, J., Duan, Y., Xu, C., & Zhang, Y. (2023). Cross-Correlation Multifractal Analysis Of Technological Innovation, Financial Market And Real Economy Indices. *Fractal And Fractional*, 7(3), 267. <https://doi.org/10.3390/fractalfract7030267>
- Khader, Osama & Hussein Shanak, Hosni. (2023). The value relevance of accounting information: empirical evidence from Jordan. 10.1108/IJLMA-11-2022-0247.
- Kristjanpoller, W., Fernandes, L. H. S., & Tabak, B. M. (2022). Examining The Fractal Market Hypothesis Considering Daily And High Frequency For Cryptocurrency Assets. *Fractals*, 30(3). Doi.Org/10.1142/S0218348x22500700
- Kristoufek, L. (2012). Fractal Markets Hypothesis And The Global Financial Crisis: Scaling, Investment Horizons And Liquidity. *Advances In Complex Systems*, 15(6), 1250065. Doi.Org/10.1142/S0219525912500658
- Kristoufek, L. (2013). Fractal Markets Hypothesis And The Global Financial Crisis: Wavelet Power Evidence. *Scientific Reports*, 3(1). Doi.Org/10.1038/Srep02857
- Kung, K. P. (2022). Efficiency Of The Stock Markets After The 2008 Financial Crisis: Evidence From The Four Asian Dragons. *Eurasian Journal Of Business And Management*, 10(2), 101–115. Doi.Org/10.15604/Ejbm.2022.10.02.002
- Laffont, J.-J., & Maskin, E. S. (1990). The Efficient Market Hypothesis And Insider Trading On The Stock Market. *Journal Of Political Economy*, 98(1), 70–93. Doi.Org/10.1086/261669
- Lahmiri, S. (2023). The Effect Of The COVID-19 Pandemic On Multifractals Of Price Returns And Trading Volume Variations Of Cryptocurrencies. *Decision Analytics Journal*, 6. Doi.Org/10.1016/J.Dajour.2023.100173
- Lee, M., Song, J. W., Kim, S., & Chang, W. (2018). Asymmetric Market Efficiency Using The Index-Based Asymmetric-MFDFA. *Physica A: Statistical Mechanics And Its Applications*, 512, 1278–1294. Doi.Org/10.1016/J.Physa.2018.08.030
- Lee, M., Song, J. W., Park, J. H., & Chang, W. (2017). Asymmetric Multi-Fractality In The U.S. Stock Indices Using Index-Based Model Of A-MFDFA. *Chaos, Solitons & Fractals*, 97, 28–38. Doi.Org/10.1016/J.Chaos.2017.02.001
- Lehkonen, H. (2014). Stock Market Integration And The Global Financial Crisis\*. *Review Of Finance*, 19(5), 2039–2094. Doi.Org/10.1093/Rof/Rfu039
- Lin, J., Dou, C., & Wang, Q. (2018). Comparisons Of MFDFA, EMD And WT By Neural Network, Mahalanobis Distance And SVM In Fault Diagnosis Of Gearboxes. *Sound&Vibration*, 52(2), 1–5. Doi.Org/10.32604/Sv.2018.03653

- Li, N., & Zhu, Y. (2021). The Impact Of COVID-19 On Stock Market In China. *SSRN Electronic Journal*. Doi.Org/10.2139/Ssrn.4039006
- Li, S., Li, J., Lu, X., & Sun, Y. (2022). Exploring The Dynamic Nonlinear Relationship Between Crude Oil Price And Implied Volatility Indices: A New Perspective From MMV-MFDFA. *Physica A: Statistical Mechanics And Its Applications*, 603, 127684. Doi.Org/10.1016/J.Physa.2022.127684
- Liu, G., Yu, C.-P., Shiu, S.-N., & Shih, I.-T. (2022). The Efficient Market Hypothesis And The Fractal Market Hypothesis: Interfluves, Fusions, And Evolutions. *SAGE Open*, 12(1), 2147483647. Doi.Org/10.1177/21582440221082137
- Liu, X., Zhou, X., Zhu, B., & Wang, P. (2020). Measuring The Efficiency Of China's Carbon Market: A Comparison Between Efficient And Fractal Market Hypotheses. *Journal Of Cleaner Production*, 271, 122885. Doi.Org/10.1016/J.Jclepro.2020.122885
- Li, X. (2021). Asymmetric Impact Of COVID-19 On China's Stock Market Volatility: Media Effect Or Fact? *Asian Economics Letters*, 2(4). Doi.Org/10.46557/001c.24143
- Li, Y. (2022). Multifractal Characteristics Of China's Stock Market And Slump's Fractal Prediction. *Fractal And Fractional*, 6(9), 499. Doi.Org/10.3390/Fractalfract6090499
- Lu, X., Tian, J., Zhou, Y., & Li, Z. (2013). Multifractal Detrended Fluctuation Analysis Of The Chinese Stock Index Futures Market. *Physica A: Statistical Mechanics And Its Applications*, 392(6), 1452–1458. Doi.Org/10.1016/J.Physa.2012.11.037
- Makovský, P. (2014). Modern Approaches To Efficient Market Hypothesis Of FOREX The Central European Case. *Procedia Economics And Finance*, 14, 397–406. Doi.Org/10.1016/S2212-5671(14)00728-X
- Mali, P., & Mukhopadhyay, A. (2014). Multifractal Characterization Of Gold Market: A Multifractal Detrended Fluctuation Analysis. *Physica A: Statistical Mechanics And Its Applications*, 413, 361–372. Doi.Org/10.1016/J.Physa.2014.06.076
- Malkiel, B. G. (2003). The Efficient Market Hypothesis and Its Critics. Princeton University CEPS Working Paper No. 91 April 2003
- Malkiel, B. G. (2005). Reflections On The Efficient Market Hypothesis: 30 Years Later. *The Financial Review*, 40(1), 1–9. Doi.Org/10.1111/J.0732-8516.2005.00090.X
- Malkiel, B. G., & Fama, E. F. (1970). Efficient Capital Markets: A Review Of Theory And Empirical Work\*. *The Journal Of Finance*, 25(2), 383–417. Doi.Org/10.1111/J.1540-6261.1970.Tb00518.X



- Mandelbrot, B. (1963). The Stable Paretian Income Distribution When The Apparent Exponent Is Near Two. *International Economic Review*, 4(1), 111. Doi.Org/10.2307/2525463
- Mandelbrot, B. (1967). The Variation Of Some Other Speculative Prices. *The Journal Of Business*, 40(4), 393. <https://doi.org/10.1086/295006>
- Mandelbrot, B. (1969). Long-Run Linearity, Locally Gaussian Process, H-Spectra And Infinite Variances. *International Economic Review*, 10(1), 82. Doi.Org/10.2307/2525574
- Mandelbrot, B. B., & Hudson, R. L. (2004). *The (Mis)Behavior Of Markets A Fractal View Of Risk, Ruin, And Rew Ard*.
- Mandelbrot, B., & Wallis, J. (1969). *Robustness Of The Rescaled Range R/S In The Measurement Noncyclic Long Run Statistical Dependence* (Vol. 5, Issue 5).
- May, R. Simple mathematical models with very complicated dynamics. *Nature* 261, 459–467 (1976). <https://doi.org/10.1038/261459a0>
- Mensi, W., Sensoy, A., Vo, X. V., & Kang, S. H. (2022). Pricing Efficiency And Asymmetric Multifractality Of Major Asset Classes Before And During COVID-19 Crisis. *North American Journal Of Economics And Finance*, 62. Doi.Org/10.1016/J.Najef.2022.101773
- Miloş, L. R., Hațiegan, C., Miloş, M. C., Barna, F. M., & Boțoc, C. (2020). Multifractal Detrended Fluctuation Analysis (MF-DFA) Of Stock Market Indexes. Empirical Evidence From Seven Central And Eastern European Markets. *Sustainability*, 12(2), 535. Doi.Org/10.3390/Su12020535
- Mishra, A., Mishra, V., & Smyth, R. (2015). The Random-Walk Hypothesis On The Indian Stock Market. *Emerging Markets Finance And Trade*, 51(5), 879–892. Doi.Org/10.1080/1540496x.2015.1061380
- Mnif, E., & Jarboui, A. (2021). COVID-19, Bitcoin Market Efficiency, Herd Behaviour. *Review Of Behavioral Finance*, 13(1), 69–84. Doi.Org/10.1108/Rbf-09-2020-0233
- Mnif, E., Jarboui, A., & Mouakhar, K. (2020). How The Cryptocurrency Market Has Performed During COVID 19? A Multifractal Analysis. *Finance Research Letters*, 36. Doi.Org/10.1016/J.Frl.2020.101647
- Mnif, E., Salhi, B., Trabelsi, L., & Jarboui, A. (2022). Efficiency And Herding Analysis In Gold-Backed Cryptocurrencies. *Heliyon*, 8(12). Doi.Org/10.1016/J.Heliyon.2022.E11982
- Moradi, M., Nooghabi, M. J., & Rounaghi, M. M. (2019). Investigation Of Fractal Market Hypothesis And Forecasting Time Series Stock Returns For Tehran Stock

- Exchange And London Stock Exchange. *International Journal Of Finance & Economics*, 26(1), 662–678. Doi.Org/10.1002/Ijfe.1809
- Nazlioglu, S., Pazarci, S., Kar, A., & Varol, O. (2023). Efficient Market Hypothesis In Emerging Stock Markets: Gradual Shifts And Common Factors In Panel Data. *Applied Economics Letters*, 1–7. [Doi.Org/10.1080/13504851.2023.2206613](https://doi.org/10.1080/13504851.2023.2206613)
- Ohlson J (1989). Accounting Earnings, Book Value And Dividends: *The Theory Of Clean Surplus Equation, Unpublished Paper*
- Oygur, T., & Unal, G. (2020). Traces Of The Multifractal Nature Of The Financial Crises In Turkey: Co-Movement Of The Hölder Exponents And Large-Scale Forecast. *Fluctuation And Noise Letters*, 19(3). Doi.Org/10.1142/S0219477520500297
- Pascan, C.-D. (2014). Measuring the effects of IFRS adoption in Romania on the value relevance of accounting data. *Annales Univerisitatis Apulensis series Oeconomica*, 16(2), 263–273.
- Paananen, M., & Lin, H. (2009). The development of value relevance of IAS and IFRS over Time: The case of Germany. *Journal of International Accounting Research*, 8, 31–55.
- Peng, C. K., Buldyrev, S. V., Havlin, S., Simons, M., Stanley, H. E., & Goldberger, A. L. (1994). Mosaic Organization Of DNA Nucleotides. *Physical Review E*, 49(2), 1685–1689. Doi.Org/10.1103/Physreve.49.1685
- Rachev, S. T., Weron, A., & Weron, R. (1999). CED Model For Asset Returns And Fractal Market Hypothesis. *Mathematical And Computer Modelling*, 29(10), 23–36. Doi.Org/10.1016/S0895-7177(99)00090-4
- Raouf, A., & Sathé, P. T. (1975). A Runs Test For Sample Non-Randomness. *Journal Of Quality Technology*, 7(4), 196–199. Doi.Org/10.1080/00224065.1975.11980697
- Rossi, M., & Gunardi, A. (2018). Efficient Market Hypothesis And Stock Market Anomalies: Empirical Evidence In Four European Countries. *Journal Of Applied Business Research (JABR)*, 34(1), 183–192. Doi.Org/10.19030/Jabr.V34i1.10111
- Ryan, S. G. (2008). Accounting In And For The Subprime Crisis. *The Accounting Review*, 83(6), 1605–1638. Doi.Org/10.2308/Accr.2008.83.6.1605
- Rydin, L., Hassan, G., Kurths, J., & Witthaut, D. (2022). MFDFA: Efficient Multifractal Detrended Fluctuation Analysis In Python. *Computer Physics Communications*, 273. Doi.Org/10.1016/J.Cpc.2021.108254
- Schadner, W. (2021). On The Persistence Of Market Sentiment: A Multifractal Fluctuation Analysis. *Physica A: Statistical Mechanics And Its Applications*, 581. Doi.Org/10.1016/J.Physa.2021.126242

- Shen, N., & Chen, J. Y. (2022). Multifractal Analysis Of The Impact Of COVID-19 On NASDAQ, CIOPI, And WTI Crude Oil Market. *Fluctuation And Noise Letters*, 21(4). Doi.Org/10.1142/S0219477522500419
- Shiller, R. (1987). *Investor Behavior In The October 1987 Stock Market Crash: Survey Evidence*. National Bureau Of Economic Research. Doi.Org/10.3386/W2446
- Shiller, R. J. (1999). Chapter 20 Human Behavior And The Efficiency Of The Financial System. *Handbook Of Macroeconomics*, 1305–1340. Doi.Org/10.1016/S1574-0048(99)10033-8
- Shiller, R. J. (2015). *Irrational Exuberance*. Princeton University Press. Doi.Org/10.2307/J.Ct1287kz5
- Shiller, R. J., & Perron, P. (1985). Testing The Random Walk Hypothesis. *Economics Letters*, 18(4), 381–386. Doi.Org/10.1016/0165-1765(85)90058-8
- Shlesinger, M. F. (1986). On The Riemann Hypothesis: A Fractal Random Walk Approach. *Physica A: Statistical Mechanics And Its Applications*, 138(1), 310–319. Doi.Org/10.1016/0378-4371(86)90187-1
- Shrestha, K. (2019). Multifractal Detrended Fluctuation Analysis Of Return On Bitcoin\*. *International Review Of Finance*, 21(1), 312–323. <https://doi.org/10.1111/Irfi.12256>
- Shrestha, K. (2021). Multifractal Detrended Fluctuation Analysis Of Return On Bitcoin\*. In *International Review Of Finance* (Vol. 21, Issue 1, Pp. 312–323). John Wiley And Sons Inc. <https://doi.org/10.1111/Irfi.12256>
- Shrestha, K., Naysary, B., & Philip, S. S. S. (2023). Fintech Market Efficiency: A Multifractal Detrended Fluctuation Analysis. *Finance Research Letters*, 54, 103775. Doi.Org/10.1016/J.Frl.2023.103775
- Song, et al., (2013). Value Relevance of Fair Values—Empirical Evidence of the Impact of Market Volatility. Wiley online library. <https://doi.org/10.1111/1911-3838.12045>
- Thaler, R. H., Tversky, A., Kahneman, D., & Schwartz, A. (1997). The Effect Of Myopia And Loss Aversion On Risk Taking: An Experimental Test. *The Quarterly Journal Of Economics*, 112(2), 647–661. <https://doi.org/10.1162/003355397555226>
- Tversky, A., & Kahneman, D. (1992). Advances In Prospect Theory: Cumulative Representation Of Uncertainty. *Journal Of Risk And Uncertainty*, 5(4), 297–323. <https://doi.org/10.1007/Bf00122574>
- Qu X, Zhang G. (2015). Value-relevance of Earnings and Book Value Over the Institutional Transition in China: The Suitability of Fair Value Accounting in This Emerging Market. *The International Journal of Accounting*. 50(2). 195-223

- Qian, X.Y. Gu, G.F. Zhou W.X., (2011). Modified Detrended Fluctuation Analysis Based On Empirical Mode Decomposition For The Characterization Of Anti-Persistent Processes, *Physica A: Statistical Mechanics And Its Applications*, 390(23) 4388–4395, <https://doi.org/10.1016/j.physa.2011.07.008>.
- Vasileiou, E. (2020). Behavioral Finance And Market Efficiency In The Time Of The COVID-19 Pandemic: Does Fear Drive The Market? *International Review Of Applied Economics*, 35(2), 224–241. [Doi.Org/10.1080/02692171.2020.1864301](https://doi.org/10.1080/02692171.2020.1864301)
- Wakil, G., & Petruska, K.A. (2020). A Comprehensive Evaluation of Canada’s Mandatory Adoption of IFRS. S&P Global Market Intelligence Research Paper Series.
- Wang, J., & Wang, X. (2021). COVID-19 And Financial Market Efficiency: Evidence From An Entropy-Based Analysis. *Finance Research Letters*, 42, 101888. <https://doi.org/10.1016/j.frl.2020.101888>
- Weron, A., & Weron, R. (2000). Fractal Market Hypothesis And Two Power-Laws. *Chaos, Solitons & Fractals*, 11(1), 289–296. [https://doi.org/10.1016/S0960-0779\(98\)00295-1](https://doi.org/10.1016/S0960-0779(98)00295-1)
- World Bank. “China Economy Growth” World Development Indicators. The World Bank Group, 2022. [Data.worldbank.org/indicator/NY.GDP.MKTP.KD.ZG](https://data.worldbank.org/indicator/NY.GDP.MKTP.KD.ZG). Accessed 28 July 2023.
- Xiao, L., Xu, X., & Xue, W. (2023). *Blockchain Mania Without Bitcoins: Evidence From China Stock Market*. Elsevier BV. <https://doi.org/10.2139/ssrn.4384974>
- Xu, D. (2022). Canadian Stock Market Volatility Under COVID-19. *International Review Of Economics & Finance*, 77, 159–169. <https://doi.org/10.1016/j.iref.2021.09.015>
- Yang, L., Zhu, Y., & Wang, Y. (2016). Multifractal Characterization Of Energy Stocks In China: A Multifractal Detrended Fluctuation Analysis. *Physica A: Statistical Mechanics And Its Applications*, 451, 357–365. [Doi.Org/10.1016/j.physa.2016.01.100](https://doi.org/10.1016/j.physa.2016.01.100)
- Yang, Y., & Xi, C. (2022). Rolling Bearing Fault Diagnosis Based On MFDFA-SPS And ELM. *Mathematical Problems In Engineering*, 2022, 1–17. [Doi.Org/10.1155/2022/4034477](https://doi.org/10.1155/2022/4034477)
- Yin, H., & Wang, X. (2023). Does Investor Sentiment Affect The Efficiency Of Stock Pricing? – Textual Evidence From The Stock Bar In China. *SSRN Electronic Journal*. <https://doi.org/10.2139/ssrn.4326204>
- Yordanov, Y. (2021). Weak Form Efficiency Evaluation At The Bulgarian Stock Exchange Using Runs Test. *Economic And Social Alternatives*, 27(2), 60–71. <https://doi.org/10.37075/isa.2021.2.05>

- Yuan, K. (2022). Efficient Market Hypothesis In China Stock Markets. *Applied Economics And Policy Studies*, 788–800. [https://doi.org/10.1007/978-981-19-0564-3\\_74](https://doi.org/10.1007/978-981-19-0564-3_74)
- Zeng, Z.-J., Xie, C., Yan, X.-G., Hu, J., & Mao, Z. (2016). Are Stock Market Networks Non-Fractal? Evidence From New York Stock Exchange. *Finance Research Letters*, 17, 97–102. <https://doi.org/10.1016/j.frl.2016.02.002>
- Zhang, W., Hou, W., & Qu, C. (2022). A Sectoral-Level Analysis Of The Short- And Long-Term Impacts Of The COVID-19 Pandemic On China's Stock Market Volatility. *Heliyon*, 8(10). <https://doi.org/10.1016/j.heliyon.2022.E11175>
- Zhang, X., Zhang, G., Qiu, L., Zhang, B., Sun, Y., Gui, Z., & Zhang, Q. (2019). A Modified Multifractal Detrended Fluctuation Analysis (MFDFA) Approach For Multifractal Analysis Of Precipitation In Dongting Lake Basin, China. *Water (Switzerland)*, 11(5). [doi.org/10.3390/w11050891](https://doi.org/10.3390/w11050891)