Frank H Westerhoff

List of Publications by Citations

116 papers	2,381 citations	28 h-index	44 g-index
122 ext. papers	2,817 ext. citations	2 avg, IF	5.82 L-index

#	Paper	IF	Citations
116	The effectiveness of Keynes–Tobin transaction taxes when heterogeneous agents can trade in different markets: A behavioral finance approach. *Journal of Economic Dynamics and Control*, **2006**, 30, 293-322	1.3	132
115	Behavioral Rationality and Heterogeneous Expectations in Complex Economic Systems **2013**,		127
114	Structural stochastic volatility in asset pricing dynamics: Estimation and model contest. *Journal of Economic Dynamics and Control*, **2012**, 36, 1193-1211	1.3	124
113	Commodity markets, price limiters and speculative price dynamics. *Journal of Economic Dynamics and Control*, **2005**, 29, 1577-1596	1.3	76
112	MULTIASSET MARKET DYNAMICS. *Macroeconomic Dynamics*, **2004**, 8, 596-616	0.6	74
111	Speculative markets and the effectiveness of price limits. *Journal of Economic Dynamics and Control* , **2003**, 28, 493-508	1.3	67
110	Heterogeneous expectations, exchange rate dynamics and predictability. *Journal of Economic Behavior and Organization*, **2007**, 64, 111-128	1.6	66
109	Heterogeneous traders and the Tobin tax. *Journal of Evolutionary Economics*, **2003**, 13, 53-70	1.9	63
108	The Use of Agent-Based Financial Market Models to Test the Effectiveness of Regulatory Policies. *Jahrbucher Fur Nationalokonomie Und Statistik*, **2008**, 228, 195-227	1.5	62
107	Analysing tax evasion dynamics via the Ising model. *Journal of Economic Interaction and Coordination*, **2009**, 4, 1-14	1.1	60
106	Commodity price cycles and heterogeneous speculators: a STAR–GARCH model. *Empirical Economics*, **2007**, 33, 231-244	1.2	48
105	On the complicated price dynamics of a simple one-dimensional discontinuous financial market model with heterogeneous interacting traders. *Journal of Economic Behavior and Organization*, **2010**, 74, 187-205	1.6	47
104	Representativeness of news and exchange rate dynamics. *Journal of Economic Dynamics and Control*, **2005**, 29, 677-689	1.3	47
103	A simple model of a speculative housing market. *Journal of Evolutionary Economics*, **2012**, 22, 303-329	1.9	46
102	Heterogeneous speculators, endogenous fluctuations and interacting markets: A model of stock prices and exchange rates. *Journal of Economic Dynamics and Control*, **2010**, 34, 743-764	1.3	46
101	Why a simple herding model may generate the stylized facts of daily returns: explanation and estimation. *Journal of Economic Interaction and Coordination*, **2016**, 11, 1-34	1.1	45
100	Estimation of a Structural Stochastic Volatility Model of Asset Pricing. *Computational Economics*, **2011**, 38, 53-83	1.4	44

99	Controlling tax evasion fluctuations. *Physica A: Statistical Mechanics and Its Applications*, **2008**, 387, 5857-5861	3.3	43
98	Some effects of transaction taxes under different microstructures. *Journal of Economic Behavior and Organization*, **2009**, 72, 850-863	1.6	40
97	Commodity price dynamics and the nonlinear market impact of technical traders: empirical evidence for the US corn market. *Physica A: Statistical Mechanics and Its Applications*, **2005**, 349, 641-648	3.3	40
96	Analysis of Ni nanoparticle gas phase sintering. *Physical Review B*, **2007**, 75,	3.3	39
95	Exchange rate dynamics, central bank interventions and chaos control methods. *Journal of Economic Behavior and Organization*, **2005**, 58, 117-132	1.6	34
94	Nonlinearities and Cyclical Behavior: The Role of Chartists and Fundamentalists. *Studies in Nonlinear Dynamics and Econometrics*, **2003**, 7,	0.7	34
93	Inflation expectations and macroeconomic dynamics: The case of rational versus extrapolative expectations. *Journal of Economic Dynamics and Control*, **2010**, 34, 246-257	1.3	33
92	Tobin tax and market depth. *Quantitative Finance*, **2005**, 5, 213-218	1.6	32
91	Anchoring and Psychological Barriers in Foreign Exchange Markets. *Journal of Behavioral Finance*, **2003**, 4, 65-70	1.9	32
90	Preventing extinction and outbreaks in chaotic populations. *American Naturalist*, **2007**, 170, 232-41	3.7	28
89	Herding behaviour and volatility clustering in financial markets. *Quantitative Finance*, **2017**, 17, 1187-1203	1.6	26
88	Heterogeneous expectations, boom-bust housing cycles, and supply conditions: A nonlinear economic dynamics approach. *Journal of Economic Dynamics and Control*, **2016**, 71, 21-44	1.3	26
87	Paradox of simple limiter control. *Physical Review E*, **2006**, 73, 052901	2.4	25
86	The bull and bear market model of Huang and Day: Some extensions and new results. *Journal of Economic Dynamics and Control*, **2013**, 37, 2351-2370	1.3	24
85	The Emergence ofBull and BearDynamics in a Nonlinear Model of Interacting Markets. *Discrete Dynamics in Nature and Society*, **2009**, 2009, 1-30	1.1	24
84	Interactions between the Real Economy and the Stock Market: A Simple Agent-Based Approach. *Discrete Dynamics in Nature and Society*, **2012**, 2012, 1-21	1.1	24
83	Expectations driven distortions in the foreign exchange market. *Journal of Economic Behavior and Organization*, **2003**, 51, 389-412	1.6	23
82	Speculative behavior and the dynamics of interacting stock markets. *Journal of Economic Dynamics and Control*, **2014**, 45, 262-288	1.3	22

81	Interacting cobweb markets. *Journal of Economic Behavior and Organization*, **2010**, 75, 461-481	1.6	22
80	Heterogeneity, spontaneous coordination and extreme events within large-scale and small-scale agent-based financial market models. *Journal of Evolutionary Economics*, **2017**, 27, 1041-1070	1.9	21
79	TAKING STOCK: A RIGOROUS MODELLING OF ANIMAL SPIRITS IN MACROECONOMICS. *Journal of Economic Surveys*, **2017**, 31, 1152-1182	3.8	21
78	Converse trading strategies, intrinsic noise and the stylized facts of financial markets. *Quantitative Finance*, **2012**, 12, 425-436	1.6	21
77	Stability analysis of a cobweb model with market interactions. *Applied Mathematics and Computation*, **2009**, 215, 2011-2023	2.7	20
76	Heterogeneous Speculators and Asset Price Dynamics: Further Results from a One-Dimensional Discontinuous Piecewise-Linear Map. *Computational Economics*, **2011**, 38, 329-347	1.4	19
75	A simple financial market model with chartists and fundamentalists: Market entry levels and discontinuities. *Mathematics and Computers in Simulation*, **2015**, 108, 16-40	3.3	18
74	Samuelson's multiplier□ccelerator model revisited. *Applied Economics Letters*, **2006**, 13, 89-92	1	18
73	Modeling Exchange Rate Behavior with a Genetic Algorithm. *Computational Economics*, **2003**, 21, 209-229	1.4	18
72	Interactions between stock, bond and housing markets. *Journal of Economic Dynamics and Control*, **2018**, 91, 43-70	1.3	16
71	On the bimodality of the distribution of the S&P 500's distortion: Empirical evidence and theoretical explanations. *Journal of Economic Dynamics and Control*, **2017**, 80, 34-53	1.3	16
70	Greed, fear and stock market dynamics. *Physica A: Statistical Mechanics and Its Applications*, **2004**, 343, 635-642	3.3	16
69	Side effects of nonlinear profit taxes in an evolutionary market entry model: Abrupt changes, coexisting attractors and hysteresis problems. *Journal of Economic Behavior and Organization*, **2017**, 135, 15-38	1.6	15
68	Managing rational routes to randomness. *Journal of Economic Behavior and Organization*, **2015**, 116, 157-173	1.6	13
67	An agent-based macroeconomic model with interacting firms, socio-economic opinion formation and optimistic/pessimistic sales expectations. *New Journal of Physics*, **2010**, 12, 075035	2.9	13
66	TECHNICAL ANALYSIS BASED ON PRICE-VOLUME SIGNALS AND THE POWER OF TRADING BREAKS. *International Journal of Theoretical and Applied Finance*, **2006**, 09, 227-244	0.5	13
65	One-dimensional maps with two discontinuity points and three linear branches: mathematical lessons for understanding the dynamics of financial markets. *Decisions in Economics and Finance*, **2014**, 37, 27-51	0.7	12
64	A behavioral cobweb-like commodity market model with heterogeneous speculators. *Economic Modelling*, **2010**, 27, 1136-1143	3.4	11

63	A note on interactions-driven business cycles. *Journal of Economic Interaction and Coordination*, **2007**, 2, 85-91	1.1	11
62	Business Cycles, Heuristic Expectation Formation, and Contracyclical Policies. *Journal of Public Economic Theory*, **2006**, 8, 821-838	1	11
61	Greed, fear and stock market dynamics. *Physica A: Statistical Mechanics and Its Applications*, **2004**, 343, 635-642	3.3	11
60	Positive welfare effects of trade barriers in a dynamic partial equilibrium model. *Journal of Economic Dynamics and Control*, **2014**, 48, 246-264	1.3	10
59	Symmetry breaking in a bull and bear financial market model. *Chaos, Solitons and Fractals*, **2015**, 79, 57-72	9.3	10
58	Nonlinear Expectation Formation, Endogenous Business Cycles and Stylized Facts. *Studies in Nonlinear Dynamics and Econometrics*, **2006**, 10,	0.7	10
57	Market-maker, inventory control and foreign exchange dynamics. *Quantitative Finance*, **2003**, 3, 363-369	1.6	10
56	Exchange Rate Dynamics: A Nonlinear Survey		10
55	A financial market model with two discontinuities: Bifurcation structures in the chaotic domain. *Chaos*, **2018**, 28, 055908	3.3	10
54	Business cycle synchronization in a simple Keynesian macro-model with socially transmitted economic sentiment and international sentiment spill-over. *Structural Change and Economic Dynamics*, **2008**, 19, 249-259	4.5	9
53	Consumer sentiment and business cycles: a NeimarkSacker bifurcation scenario. *Applied Economics Letters*, **2008**, 15, 1201-1205	1	9
52	Triggering crashes in chaotic dynamics. *Physics Letters, Section A: General, Atomic and Solid State Physics*, **2007**, 362, 407-411	2.3	8
51	A Simple Agent-based Financial Market Model: Direct Interactions and Comparisons of Trading Profits **2010**, 313-332		8
50	Short-run momentum, long-run mean reversion and excess volatility: An elementary housing model. *Economics Letters*, **2019**, 176, 43-46	1.3	8
49	Modeling House Price Dynamics with Heterogeneous Speculators **2013**, 35-61		7
48	Piecewise-Linear Maps and Their Application to Financial Markets. *Frontiers in Applied Mathematics and Statistics*, **2016**, 2,	2.2	7
47	Stability conditions for three-dimensional maps and their associated bifurcation types. *Applied Economics Letters*, **2020**, 27, 1056-1060	1	7
46	Butter mountains, milk lakes and optimal price limiters. *Applied Economics Letters*, **2007**, 14, 1131-1136	1	6

45	Target Zone Interventions and Coordination of Expectations. *Journal of Optimization Theory and Applications*, **2006**, 128, 453-467	1.6	6
44	Spillover Dynamics of Central Bank Interventions. *German Economic Review*, **2004**, 5, 435-450	1.1	6
43	Central bank intervention and feedback traders. *Journal of International Financial Markets, Institutions and Money*, **2003**, 13, 419-427	3.6	6
42	Heterogeneous traders, price-volume signals, and complex asset price dynamics. *Discrete Dynamics in Nature and Society*, **2005**, 2005, 19-29	1.1	6
41	Stock market participation and endogenous boom-bust dynamics. *Economics Letters*, **2016**, 148, 72-75	1.3	6
40	Market entry waves and volatility outbursts in stock markets. *Journal of Economic Behavior and Organization*, **2018**, 153, 19-37	1.6	5
39	MARKET DEPTH AND PRICE DYNAMICS: A NOTE. *International Journal of Modern Physics C*, **2004**, 15, 1005-1012	1.1	5
38	Heterogeneous expectations, housing bubbles and tax policy. *Journal of Economic Behavior and Organization*, **2021**, 183, 555-573	1.6	5
37	Expectations and the Multiplier-Accelerator Model **2006**, 255-276		5
36	Different compositions of aggregate sentiment and their impact on macroeconomic stability. *Economic Modelling*, **2019**, 76, 117-127	3.4	4
35	On the inherent instability of international financial markets: natural nonlinear interactions between stock and foreign exchange markets. *Applied Mathematics and Computation*, **2013**, 221, 306-328	2.7	4
34	Evolutionary competition between prediction rules and the emergence of business cycles within Metzler's inventory model. *Journal of Evolutionary Economics*, **2012**, 22, 251-273	1.9	4
33	Consumer sentiment and countercyclical fiscal policies. *International Review of Applied Economics*, **2010**, 24, 609-618	1	4
32	Speculative behavior and asset price dynamics. *Nonlinear Dynamics, Psychology, and Life Sciences*, **2003**, 7, 245-62	0.4	4
31	HOUSING MARKETS, EXPECTATION FORMATION AND INTEREST RATES. *Macroeconomic Dynamics*, **2020**, 1-42	0.6	4
30	Necessary and sufficient conditions for the roots of a cubic polynomial and bifurcations of codimension-1, -2, -3 for 3D maps. *Journal of Difference Equations and Applications*, **2021**, 27, 557-578	1	4
29	One-Dimensional Discontinuous Piecewise-Linear Maps and the Dynamics of Financial Markets **2013**, 205-227		3
28	Disclosure Requirements, the Release of New Information and Market Efficiency: New Insights from Agent-based Models. *Economics*, **2010**, 4,	1.3	3

27	A Metzlerian business cycle model with nonlinear heterogeneous expectations. *Economic Modelling* , **2009**, 26, 715-720	3.4	3
26	Effects of Inflation Expectations on Macroeconomic Dynamics: Extrapolative Versus Regressive Expectations. *Studies in Nonlinear Dynamics and Econometrics*, **2012**, 16,	0.7	3
25	Global Bifurcations in a Three-Dimensional Financial Model of Bull and Bear Interactions **2010**, 333-352		3
24	Nonlinear asset-price dynamics and stabilization policies. *Nonlinear Dynamics*, **2020**, 102, 1045-1070	5	3
23	Heterogeneous speculators and stock market dynamics: a simple agent-based computational model. *European Journal of Finance*, **2020**, 1-20	1.5	3
22	Pricking asset market bubbles. *Finance Research Letters*, **2021**, 38, 101441	8.1	3
21	Steady states, stability and bifurcations in multi-asset market models. *Decisions in Economics and Finance*, **2018**, 41, 357-378	0.7	3
20	Stability and welfare effects of profit taxes within an evolutionary market interaction model. *Review of International Economics*, **2018**, 26, 691-708	1	2
19	EVOLUTIONARY COMPETITION AND PROFIT TAXES: MARKET STABILITY VERSUS TAX BURDEN. *Macroeconomic Dynamics*, **2018**, 22, 2007-2031	0.6	2
18	Agent-Based Models for Economic Policy Design **2018**,		2
17	THE WORKING OF CIRCUIT BREAKERS WITHIN PERCOLATION MODELS FOR FINANCIAL MARKETS. *International Journal of Modern Physics C*, **2006**, 17, 299-304	1.1	2
16	BUBBLES AND CRASHES: OPTIMISM, TREND EXTRAPOLATION AND PANIC. *International Journal of Theoretical and Applied Finance*, **2003**, 06, 829-837	0.5	2
15	CONSUMER BEHAVIOR AND FLUCTUATIONS IN ECONOMIC ACTIVITY. *International Journal of Modeling, Simulation, and Scientific Computing*, **2005**, 08, 209-215	0.8	2
14	Taking Stock: A Rigorous Modelling of Animal Spirits in Macroeconomics5-38		2
13	Regulating Speculative Housing Markets via Public Housing Construction Programs: Insights from a Heterogeneous Agent Model. *Jahrbucher Fur Nationalokonomie Und Statistik*, **2019**, 239, 627-660	1.5	1
12	Heterogeneous Expectations, Boom-Bust Housing Cycles, and Supply Conditions: A Nonlinear Dynamics Approach. *SSRN Electronic Journal*, **2015**,	1	1
11	HEURISTIC EXPECTATION FORMATION AND BUSINESS CYCLES: A SIMPLE LINEAR MODEL. *Metroeconomica*, **2007**, 59, 071117013745002-???	0.9	1
10	Regulating complex dynamics in firms and economic systems. *Chaos, Solitons and Fractals*, **2008**, 38, 911-919	9.3	1

9	On central bank interventions and transaction taxes. *Applied Economics Letters*, **2007**, 3, 11-14		1
8	Speculative housing markets and rent control: insights from nonlinear economic dynamics. *Journal of Economic Interaction and Coordination*,1	1.1	1
7	Speculative behavior and chaotic asset price dynamics: On the emergence of a bandcount accretion bifurcation structure. *Discrete and Continuous Dynamical Systems - Series B*, **2021**,	1.3	1
6	Production delays, technology choice and cyclical cobweb dynamics. *Chaos, Solitons and Fractals*, **2022**, 156, 111796	9.3	0
5	Trend followers, contrarians and fundamentalists: Explaining the dynamics of financial markets. *Journal of Economic Behavior and Organization*, **2021**, 192, 117-136	1.6	0
4	Market Interactions, Endogenous Dynamics and Stabilization Policies. *Springer Proceedings in Complexity*, **2018**, 137-152	0.3	
3	Hommes, Cars LeBaron, Blake: Handbook of Computational Economics, Volume 4, Heterogeneous Agent Modeling. *Jahrbucher Fur Nationalokonomie Und Statistik*, **2019**, 239, 757-760	1.5	
2	Speculative asset price dynamics and wealth taxes. *Decisions in Economics and Finance*,1	0.7	
1	Revisiting Paul de Grauwe Chaotic Exchange Rate Model: New Analytical Insights and Agent-Based Explorations. *Open Economies Review*,1	1	