Wolfgang Ketter

List of Publications by Year
in descending order

102	2,446	201385 27	233125 45
papers	citations	h-index	g-index

103	103	103	1775
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Data-Driven Competitor-Aware Positioning in On-Demand Vehicle Rental Networks. Transportation Science, 2022, 56, 182-200.	2.6	11
2	A data-driven approach to managing electric vehicle charging infrastructure in parking lots. Transportation Research, Part D: Transport and Environment, 2022, 105, 103198.	3.2	18
3	Economic inefficiencies of pricing distributed generation under novel tariff designs. Applied Energy, 2022, 313, 118839.	5.1	5
4	A review of equity in electricity tariffs in the renewable energy era. Renewable and Sustainable Energy Reviews, 2022, 161, 112333.	8.2	19
5	Cognitive Challenges in Humanâ€“Artificial Intelligence Collaboration: Investigating the Path Toward Productive Delegation. Information Systems Research, 2022, 33, 678-696.	2.2	66
6	Designing Hybrid Mechanisms to Overcome Congestion in Sequential Dutch Auctions. MIS Quarterly: Management Information Systems, 2022, 46, 457-490.	3.1	1
7	Decision strategies in sequential power markets with renewable energy. Energy Policy, 2022, 167, 113025.	4.2	3
8	Dynamic retail market tariff design for an electricity aggregator using reinforcement learning. Electric Power Systems Research, 2022, 212, 108560.	2.1	5
9	Making green power purchase agreements more predictable and reliable for companies. Decision Support Systems, 2021, 144, 113514.	3.5	20
10	Sustainable Smart Electricity Markets. , 2021, , .		1
11	Why is my bus suddenly so crowded? Spillover effects of the discontinuation of three-in-one policy in Jakarta. Case Studies on Transport Policy, 2021, 9, 995-1005.	1.1	1
12	A Boost for Urban Sustainability: Optimizing Electric Transit Bus Networks in Rotterdam. INFORMS Journal on Applied Analytics, 2021, 51, 391-407.	0.7	2
13	Will Humans-in-the-Loop Become Borgs? Merits and Pitfalls of Working with AI. MIS Quarterly: Management Information Systems, 2021, 45, 1527-1556.	3.1	57
14	Renewable Energy Technologies and Electricity Forward Market Risks. Energy Journal, 2021, 42, .	0.9	10
15	Evaluating and Optimizing Opportunity Fast-Charging Schedules in Transit Battery Electric Bus Networks. Transportation Science, 2020, 54, 1601-1615.	2.6	53
16	Cross-subsidies among residential electricity prosumers from tariff design and metering infrastructure. Energy Policy, 2020, 145, 111736.	4.2	23
17	The economic consequences of electricity tariff design in a renewable energy era. Applied Energy, 2020, 275, 115317.	5.1	35
18	Modeling and Managing Joint Price and Volumetric Risk for Volatile Electricity Portfolios. Energies, 2020, 13, 3578.	1.6	7

#	Article	IF	Citations
19	A survey-based assessment of how existing and potential electric vehicle owners perceive range anxiety. Journal of Cleaner Production, 2020, 276, 122779.	4.6	91
20	Special Issue Editorial: Addressing Societal Challenges through Analytics: An ESG ICE Framework and Research Agenda. Journal of the Association for Information Systems, 2020, 21, 1115-1127.	2.4	11
21	Sustainable Electric Vehicle Charging using Adaptive Pricing. Production and Operations Management, 2020, 29, 1550-1572.	2.1	45
22	Consumption and Performance: Understanding Longitudinal Dynamics of Recommender Systems via an Agent-Based Simulation Framework. Information Systems Research, 2020, 31, 76-101.	2.2	53
23	Ridesharing platform entry effects on ownership-based consumption in Indonesia. Journal of Cleaner Production, 2020, 265, 121535.	4.6	21
24	Time-dependent electricity pricing using variable announcement horizons. Energy Informatics, 2020, 3, .	1.4	0
25	Electric Vehicle Range Anxiety: An Obstacle for the Personal Transportation (R)evolution?. , 2019, , .		59
26	Agent-level determinants of price expectation formation in online double-sided auctions. Decision Support Systems, 2019, 124, 113068.	3.5	6
27	Dynamic Decision Making in Sequential Business-to-Business Auctions: A Structural Econometric Approach. Management Science, 2019, 65, 3853-3876.	2.4	14
28	Information Transparency in Business-to-Business Auction Markets: The Role of Winner Identity Disclosure. Management Science, 2019, 65, 4261-4279.	2.4	24
29	Heterogeneous Electric Vehicle Charging Coordination: A Variable Charging Speed Approach. , 2019, , .		3
30	Electric Vehicle Virtual Power Plant Dilemma: Grid Balancing Versus Customer Mobility. Production and Operations Management, 2018, 27, 2054-2070.	2.1	69
31	A scalable preference model for autonomous decision-making. Machine Learning, 2018, 107, 1039-1068.	3.4	4
32	Smart Cities and Digitized Urban Management. Business and Information Systems Engineering, 2018, 60, 193-195.	4.0	12
33	One rate does not fit all: An empirical analysis of electricity tariffs for residential microgrids. Applied Energy, 2018, 210, 800-814.	5.1	79
34	Evaluating Policies for Parking Lots Handling Electric Vehicles. IEEE Access, 2018, 6, 944-961.	2.6	30
35	Information Systems for a Smart Electricity Grid. ACM Transactions on Management Information Systems, 2018, 9, 1-22.	2.1	30
36	Managing electricity price modeling risk via ensemble forecasting: The case of Turkey. Energy Policy, 2018, 123, 390-403.	4.2	10

#	Article	IF	Citations
37	Renewable energy cooperatives: Facilitating the energy transition at the Port of Rotterdam. Energy Policy, 2018, 121, 61-69.	4.2	49
38	Preferences for car sharing services: Effects of instrumental attributes and psychological ownership. Journal of Environmental Psychology, 2017, 53, 121-130.	2.3	99
39	Information Transparency in B2B Auction Markets: The Role of Winner Identity Disclosure. SSRN Electronic Journal, 2017, , .	0.4	2
40	A Data-Driven Approach to Manage Charging Infrastructure for Electric Vehicles in Parking Lots. SSRN Electronic Journal, 2017, , .	0.4	1
41	Machine Learning for Identifying Demand Patterns of Home Energy Management Systems with Dynamic Electricity Pricing. Applied Sciences (Switzerland), 2017, 7, 1160.	1.3	33
42	Electricity Trading Agent for EV-enabled Parking Lots. Lecture Notes in Business Information Processing, 2017, , 35-49.	0.8	2
43	Electric Vehicle Storage Management in Operating Reserve Auctions. , 2017, , .		0
44	Analyzing and improving the energy balancing market in the power trading agent competition. , 2016, , .		2
45	Analysis of the Effects of Storage Capabilities Integration on Balancing Mechanisms in Agent-Based Smart Grids. Lecture Notes in Computer Science, 2016, , 215-230.	1.0	2
46	Estimating the benefits of cooperation in a residential microgrid: A data-driven approach. Applied Energy, 2016, 180, 130-141.	5.1	41
47	Effective demand response for smart grids: Evidence from a real-worldÂpilot. Decision Support Systems, 2016, 91, 48-66.	3.5	25
48	Call for Papers: Issue 3/2018. Business and Information Systems Engineering, 2016, 58, 437-438.	4.0	2
49	A Multiagent Competitive Gaming Platform to Address Societal Challenges. MIS Quarterly: Management Information Systems, 2016, 40, 447-460.	3.1	74
50	Exploring Bidder Heterogeneity in Multichannel Sequential B2B Auctions. MIS Quarterly: Management Information Systems, 2016, 40, 645-662.	3.1	32
51	Competitive Benchmarking: An IS Research Approach to Address Wicked Problems with Big Data and Analytics. MIS Quarterly: Management Information Systems, 2016, 40, 1057-1080.	3.1	68
52	Adaptive Tactical Pricing in Multiâ€Agent Supply Chain Markets Using Economic Regimes. Decision Sciences, 2015, 46, 791-818.	3.2	14
53	Electric Vehicles: An Agent-Based Approach to Sustainability. Lecture Notes in Computer Science, 2015, , 271-274.	1.0	0
54	Dynamic Agent-based Scheduling of Treatments: Evidence from the Dutch Youth Health Care Sector. Lecture Notes in Computer Science, 2015, , 173-199.	1.0	1

#	Article	IF	Citations
55	Agent-assisted supply chain management: Analysis and lessons learned. Decision Support Systems, 2014, 57, 274-284.	3.5	37
56	Smart Grid Challenges for Electricity Retailers. KI - Kunstliche Intelligenz, 2014, 28, 191-198.	2.2	7
57	Should I Stay or Should I Go. Business and Information Systems Engineering, 2014, 6, 115-126.	4.0	1
58	Power TAC: A competitive economic simulation of the smart grid. Energy Economics, 2013, 39, 262-270.	5.6	115
59	A reinforcement learning approach to autonomous decision-making in smart electricity markets. Machine Learning, 2013, 92, 5-39.	3.4	72
60	A Decision Framework for Broker Selection in Smart Grids. Lecture Notes in Business Information Processing, 2013, , 61-74.	0.8	0
61	Real-Time Tactical and Strategic Sales Management for Intelligent Agents Guided by Economic Regimes. Information Systems Research, 2012, 23, 1263-1283.	2.2	45
62	Forecasting prices in dynamic heterogeneous product markets using multivariate prediction methods. , 2012, , .		0
63	SmartRate. , 2012, , .		0
64	The impact of framing on consumer selection of energy tariffs. , 2012, , .		5
65	A profitable business model for electric vehicle fleet owners. , 2012, , .		5
66	Transitioning from the traditional to the smart grid: Lessons learned from closed-loop supply chains. , 2012, , .		13
67	Competitive Benchmarking: Lessons Learned from the Trading Agent Competition. AI Magazine, 2012, 33, 103.	1.4	4
68	Autonomous Data-Driven Decision-Making in Smart Electricity Markets. Lecture Notes in Computer Science, 2012, , 132-147.	1.0	5
69	Challenges for Software Agents Supporting Decision-Makers in Trading Flowers Worldwide. Lecture Notes in Business Information Processing, 2012, , 32-39.	0.8	0
70	Demand side managementâ€"A simulation of household behavior under variable prices. Energy Policy, 2011, 39, 8163-8174.	4.2	385
71	Pushing the Limits of Rational Agents: The Trading Agent Competition for Supply Chain Management. AI Magazine, 2010, 31, 63.	1.4	32
72	Multi-Agent Systems for Energy Management. Integrated Computer-Aided Engineering, 2010, 17, 271-272.	2.5	0

#	Article	IF	Citations
73	Business intelligence gap analysis. , 2010, , .		4
74	Towards a dynamic model of supply chain regimes for complex multi-agent markets. , 2010, , .		1
75	Research Commentaryâ€"Designing Smart Markets. Information Systems Research, 2010, 21, 688-699.	2.2	115
76	A Kalman filter approach to analyze multivariate hedonics pricing model in dynamic supply chain markets. , 2010, , .		1
77	Agent-based competitive simulation. , 2010, , .		7
78	Flexible decision support in dynamic inter-organisational networks. European Journal of Information Systems, 2010, 19, 436-448.	5.5	31
79	Coordinating Decisions in a Supply-Chain Trading Agent. Lecture Notes in Business Information Processing, 2010, , 161-174.	0.8	4
80	AAAI 2008 Workshop Reports. AI Magazine, 2009, 30, 108.	1.4	0
81	Ontology-Driven Decision Support in Dynamic Supply-Chains. , 2009, , .		0
82	Introducing an Agile Method for Enterprise Mash-Up Component Development. , 2009, , .		10
83	Identifying and predicting economic regimes in supply chains using sales and procurement information. , 2009, , .		0
84	Product pricing using adaptive real-time probability of acceptance estimations based on economic regimes. , 2009, , .		4
85	Detecting and forecasting economic regimes in multi-agent automated exchanges. Decision Support Systems, 2009, 47, 307-318.	3.5	43
86	Flexible decision control in an autonomous trading agent. Electronic Commerce Research and Applications, 2009, 8, 91-105.	2.5	31
87	Flexible Decision Support in a DynamicBusiness Network. , 2009, , 233-248.		4
88	A semantic web architecture for advocate agents to determine preferences and facilitate decision making. , 2008, , .		5
89	A predictive empirical model for pricing and resource allocation decisions. , 2007, , .		12
90	Identifying and Forecasting Economic Regimes in TAC SCM. Lecture Notes in Computer Science, 2006, , 113-125.	1.0	7

#	Article	IF	Citations
91	An Evolutionary Framework for Large-Scale Experimentation in Multi-Agent Systems. , 2004, , 155-173.		1
92	An Evolutionary Approach for Studying Heterogeneous Strategies in Electronic Markets. Lecture Notes in Computer Science, 2004, , 157-168.	1.0	4
93	A Multi-Agent Negotiation Testbed for Contracting Tasks with Temporal and Precedence Constraints. International Journal of Electronic Commerce, 2002, 7, 35-57.	1.4	53
94	The 2015 Power Trading Agent Competition. SSRN Electronic Journal, 0, , .	0.4	7
95	Competitive Benchmarking: An IS Research Approach to Address Wicked Problems with Big Data and Analytics. SSRN Electronic Journal, 0, , .	0.4	7
96	The 2018 Power Trading Agent Competition. SSRN Electronic Journal, 0, , .	0.4	5
97	Fleetpower: Creating Virtual Power Plants in Sustainable Smart Electricity Markets. SSRN Electronic Journal, 0, , .	0.4	1
98	The 2014 Power Trading Agent Competition. SSRN Electronic Journal, 0, , .	0.4	8
99	The 2016 Power Trading Agent Competition. SSRN Electronic Journal, 0, , .	0.4	4
100	Market-Based Multi-Agent Coordination to Manage Energy Balance in Smart Grids. SSRN Electronic Journal, 0, , .	0.4	1
101	The 2017 Power Trading Agent Competition. SSRN Electronic Journal, 0, , .	0.4	0
102	Collaboration and Delegation between Humans and AI: An Experimental Investigation of the Future of Work. SSRN Electronic Journal, 0, , .	0.4	5