Mihaela van der schaar

List of Publications by Year
in descending order

323 papers	6,826 citations	81743 39 h-index	110170 64 g-index
330 all docs	330 docs citations	330 times ranked	7485 citing authors

#	Article	IF	Citations
1	Concerns about the use of digoxin in acute coronary syndromes. European Heart Journal - Cardiovascular Pharmacotherapy, 2022, 8, 474-482.	1.4	4
2	Machine learning-driven identification of novel patient factors for prediction of major complications after posterior cervical spinal fusion. European Spine Journal, 2022, 31, 1952-1959.	1.0	12
3	Feedback Adaptive Learning for Medical and Educational Application Recommendation. IEEE Transactions on Services Computing, 2022, 15, 2144-2157.	3.2	5
4	Statins for primary prevention among elderly men and women. Cardiovascular Research, 2022, 118, 3000-3009.	1.8	8
5	Reduced Heart Failure and Mortality in Patients Receiving Statin Therapy Before Initial Acute Coronary Syndrome. Journal of the American College of Cardiology, 2022, 79, 2021-2033.	1.2	7
6	CPAS: the UK's national machine learning-based hospital capacity planning system for COVID-19. Machine Learning, 2021, 110, 15-35.	3.4	23
7	How artificial intelligence and machine learning can help healthcare systems respond to COVID-19. Machine Learning, 2021, 110, 1-14.	3.4	102
8	Working alone and working with others: implications for the malthusian era. Economic Theory, 2021, 71, 841-875.	0.5	1
9	Application of a novel machine learning framework for predicting non-metastatic prostate cancer-specific mortality in men using the Surveillance, Epidemiology, and End Results (SEER) database. The Lancet Digital Health, 2021, 3, e158-e165.	5.9	56
10	Development of a Novel, Potentially Universal Machine Learning Algorithm for Prediction of Complications After Total Hip Arthroplasty. Journal of Arthroplasty, 2021, 36, 1655-1662.e1.	1.5	30
11	Personalized Education in the Artificial Intelligence Era: What to Expect Next. IEEE Signal Processing Magazine, 2021, 38, 37-50.	4.6	38
12	Machine learning to guide the use of adjuvant therapies for breast cancer. Nature Machine Intelligence, 2021, 3, 716-726.	8.3	21
13	Prediction of Major Complications and Readmission After Lumbar Spinal Fusion: A Machine Learning–Driven Approach. World Neurosurgery, 2021, 152, e227-e234.	0.7	16
14	Comparing COVID-19 risk factors in Brazil using machine learning: the importance of socioeconomic, demographic and structural factors. Scientific Reports, 2021, 11, 15591.	1.6	23
15	A Novel, Potentially Universal Machine Learning Algorithm to Predict Complications in Total Knee Arthroplasty. Arthroplasty Today, 2021, 10, 135-143.	0.8	14
16	Smoking and sex differences in first manifestation of cardiovascular disease. Atherosclerosis, 2021, 330, 43-51.	0.4	12
17	From Real-World Patient Data to Individualized Treatment Effects Using Machine Learning: Current and Future Methods to Address Underlying Challenges. Clinical Pharmacology and Therapeutics, 2021, 109, 87-100.	2.3	86
18	Aspirin for primary prevention of ST segment elevation myocardial infarction in persons with diabetes and multiple risk factors. EClinicalMedicine, 2020, 27, 100548.	3.2	6

#	Article	IF	Citations
19	Sex Differences in Modifiable Risk Factors and Severity of Coronary Artery Disease. Journal of the American Heart Association, 2020, 9, e017235.	1.6	32
20	The Value of Patient and Tumor Factors in Predicting Preoperative Breast MRI Outcomes. Radiology Imaging Cancer, 2020, 2, e190099.	0.7	6
21	Ethnic and regional variations in hospital mortality from COVID-19 in Brazil: a cross-sectional observational study. The Lancet Global Health, 2020, 8, e1018-e1026.	2.9	435
22	Opportunities for machine learning to transform care for people with cystic fibrosis. Journal of Cystic Fibrosis, 2020, 19, 6-8.	0.3	2
23	Dynamic Matching and Allocation of Tasks. ACM Transactions on Economics and Computation, 2020, 7, 1-27.	0.7	0
24	A Hierarchical Bayesian Model for Personalized Survival Predictions. IEEE Journal of Biomedical and Health Informatics, 2019, 23, 72-80.	3.9	12
25	Guest Editorial Special Issue on Machine Learning in Wireless Communication—Part I. IEEE Journal on Selected Areas in Communications, 2019, 37, 2181-2183.	9.7	4
26	Guest Editorial Special Issue on Machine Learning in Wireless Communication—Part 2. IEEE Journal on Selected Areas in Communications, 2019, 37, 2409-2412.	9.7	3
27	Machine Learning in the Air. IEEE Journal on Selected Areas in Communications, 2019, 37, 2184-2199.	9.7	152
28	Distributed Task Management in Cyber-Physical Systems: How to Cooperate Under Uncertainty?. IEEE Transactions on Cognitive Communications and Networking, 2019, 5, 165-180.	4.9	8
29	Incentive Design in Peer Review: Rating and Repeated Endogenous Matching. IEEE Transactions on Network Science and Engineering, 2019, 6, 898-908.	4.1	1
30	A Non-Stationary Online Learning Approach to Mobility Management. IEEE Transactions on Wireless Communications, 2019, 18, 1434-1446.	6.1	16
31	A Bandit Learning Approach to Energy-Efficient Femto-Caching under Uncertainty. , 2019, , .		2
32	Joint Concordance Index. , 2019, , .		1
33	Repeated Network Games with Dominant Actions and Individual Rationality. IEEE Transactions on Network Science and Engineering, 2019, 6, 812-823.	4.1	0
34	Estimating Missing Data in Temporal Data Streams Using Multi-Directional Recurrent Neural Networks. IEEE Transactions on Biomedical Engineering, 2019, 66, 1477-1490.	2.5	114
35	Constructing effective personalized policies using counterfactual inference from biased data sets with many features. Machine Learning, 2019, 108, 945-970.	3.4	8
36	Generalized Global Bandit and Its Application in Cellular Coverage Optimization. IEEE Journal on Selected Topics in Signal Processing, 2018, 12, 218-232.	7.3	19

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37	Sex Differences in Outcomes After STEMI. JAMA Internal Medicine, 2018, 178, 632.	2.6	183
38	ToPs: Ensemble Learning With Trees of Predictors. IEEE Transactions on Signal Processing, 2018, 66, 2141-2152.	3.2	10
39	Personalized Risk Scoring for Critical Care Prognosis Using Mixtures of Gaussian Processes. IEEE Transactions on Biomedical Engineering, 2018, 65, 207-218.	2.5	38
40	A Micro-Foundation of Social Capital in Evolving Social Networks. IEEE Transactions on Network Science and Engineering, 2018, 5, 14-31.	4.1	11
41	Discovering Pediatric Asthma Phenotypes on the Basis of Response to Controller Medication Using Machine Learning. Annals of the American Thoracic Society, 2018, 15, 49-58.	1.5	32
42	Functional Contour-following via Haptic Perception and Reinforcement Learning. IEEE Transactions on Haptics, 2018, 11, 61-72.	1.8	32
43	Global Bandits. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 5798-5811.	7.2	9
44	Protein Family-Specific Models Using Deep Neural Networks and Transfer Learning Improve Virtual Screening and Highlight the Need for More Data. Journal of Chemical Information and Modeling, 2018, 58, 2319-2330.	2.5	106
45	A Non-Stationary Online Learning Approach to Mobility Management. , 2018, , .		3
46	Context-Aware Hierarchical Online Learning for Performance Maximization in Mobile Crowdsourcing. IEEE/ACM Transactions on Networking, 2018, 26, 1334-1347.	2.6	24
47	Adaptive Contextual Learning for Unit Commitment in Microgrids With Renewable Energy Sources. IEEE Journal on Selected Topics in Signal Processing, 2018, 12, 688-702.	7.3	15
48	Online Learning in Limit Order Book Trade Execution. IEEE Transactions on Signal Processing, 2018, 66, 4626-4641.	3.2	8
49	Prognostication and Risk Factors for Cystic Fibrosis via Automated Machine Learning. Scientific Reports, 2018, 8, 11242.	1.6	47
50	RNN-SURV: A Deep Recurrent Model for Survival Analysis. Lecture Notes in Computer Science, 2018, , 23-32.	1.0	34
51	Bayesian Nonparametric Causal Inference: Information Rates and Learning Algorithms. IEEE Journal on Selected Topics in Signal Processing, 2018, 12, 1031-1046.	7.3	12
52	Personalized survival predictions via Trees of Predictors: An application to cardiac transplantation. PLoS ONE, 2018, 13, e0194985.	1.1	40
53	Siamese Survival Analysis with Competing Risks. Lecture Notes in Computer Science, 2018, , 260-269.	1.0	1
54	Discovery and Clinical Decision Support for Personalized Healthcare. IEEE Journal of Biomedical and Health Informatics, 2017, 21, 1133-1145.	3.9	49

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55	From Acquaintances to Friends: Homophily and Learning in Networks. IEEE Journal on Selected Areas in Communications, 2017, 35, 680-690.	9.7	4
56	Social Norm Incentives for Network Coding in Manets. IEEE/ACM Transactions on Networking, 2017, 25, 1761-1774.	2.6	8
57	Distributed Learning for Stochastic Generalized Nash Equilibrium Problems. IEEE Transactions on Signal Processing, 2017, 65, 3893-3908.	3.2	58
58	Adaptive Ensemble Learning With Confidence Bounds. IEEE Transactions on Signal Processing, 2017, 65, 888-903.	3.2	24
59	A Learning Approach to Frequent Handover Mitigations in 3GPP Mobility Protocols. , 2017, , .		32
60	A Machine Learning Approach for Tracking and Predicting Student Performance in Degree Programs. IEEE Journal on Selected Topics in Signal Processing, 2017, 11, 742-753.	7.3	137
61	Context-Aware Proactive Content Caching With Service Differentiation in Wireless Networks. IEEE Transactions on Wireless Communications, 2017, 16, 1024-1036.	6.1	214
62	Actionable intelligence and online learning for semantic computing. World Scientific Encyclopedia With Semantic Computing and Robotic Intelligence, 2017, , 231-238.	0.0	0
63	Actionable intelligence and online learning for semantic computing. Encyclopedia With Semantic Computing and Robotic Intelligence, 2017, 01, 1630011.	0.2	0
64	Bandit strategies for blindly attacking networks. , 2017, , .		1
65	Online learning in limit order book trade execution. , 2017, , .		1
66	Dynamic, data-driven processing of multispectral video streams. IEEE Aerospace and Electronic Systems Magazine, 2017, 32, 50-57.	2.3	18
67	Learn to adapt: Self-optimizing small cell transmit power with correlated bandit learning. , 2017, , .		2
68	Smart caching in wireless small cell networks via contextual multi-armed bandits. , 2016, , .		39
69	Big-Data Streaming Applications Scheduling Based on Staged Multi-armed Bandits. IEEE Transactions on Computers, 2016, , 1-1.	2.4	13
70	Personalized Course Sequence Recommendations. IEEE Transactions on Signal Processing, 2016, 64, 5340-5352.	3.2	60
71	ConfidentCare: A Clinical Decision Support System for Personalized Breast Cancer Screening. IEEE Transactions on Multimedia, 2016, 18, 1942-1955.	5.2	34
72	Context-based unsupervised ensemble learning and feature ranking. Machine Learning, 2016, 105, 459-485.	3.4	4

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73	A Non-Stochastic Learning Approach to Energy Efficient Mobility Management. IEEE Journal on Selected Areas in Communications, 2016, 34, 3854-3868.	9.7	49
74	Popularity-driven content caching. , 2016, , .		111
75	Personalized Active Learning for Activity Classification Using Wireless Wearable Sensors. IEEE Journal on Selected Topics in Signal Processing, 2016, 10, 865-876.	7.3	19
76	Online Learning in Large-Scale Contextual Recommender Systems. IEEE Transactions on Services Computing, 2016, 9, 433-445.	3.2	79
77	Jamming Bandits—A Novel Learning Method for Optimal Jamming. IEEE Transactions on Wireless Communications, 2016, 15, 2792-2808.	6.1	55
78	Collision Detection by Networked Sensors. IEEE Transactions on Signal and Information Processing Over Networks, 2016, 2, 1-15.	1.6	21
79	Dynamic Pricing and Energy Consumption Scheduling With Reinforcement Learning. IEEE Transactions on Smart Grid, 2016, 7, 2187-2198.	6.2	220
80	Bits Learning: User-Adjustable Privacy Versus Accuracy in Internet Traffic Classification. IEEE Communications Letters, 2016, 20, 704-707.	2.5	7
81	To Relay or Not to Relay: Learning Device-to-Device Relaying Strategies in Cellular Networks. IEEE Transactions on Mobile Computing, 2016, 15, 1569-1585.	3.9	53
82	Predicting Grades. IEEE Transactions on Signal Processing, 2016, 64, 959-972.	3.2	98
83	Using Contextual Learning to Improve Diagnostic Accuracy: Application in Breast Cancer Screening. IEEE Journal of Biomedical and Health Informatics, 2016, 20, 902-914.	3.9	24
84	Efficient outcomes in repeated games with limited monitoring. Economic Theory, 2015, 60, 1-34.	0.5	2
85	Optimal intervention for incentivizing the adoption of commercial electric vehicles. , 2015, , .		3
86	To Send or Not to Send - Learning MAC Contention. , 2015, , .		8
87	Multiobjective Design Optimization in the Lightweight Dataflow for DDDAS Environment (LiD4E) 1. Procedia Computer Science, 2015, 51, 2563-2572.	1.2	4
88	Incentive-compatible demand-side management for smart grids based on review strategies. Eurasip Journal on Advances in Signal Processing, 2015, 2015, .	1.0	4
89	Socially-Optimal Design of Service Exchange Platforms with Imperfect Monitoring. ACM Transactions on Economics and Computation, 2015, 3, 1-25.	0.7	7
90	Big-Data Streaming Applications Scheduling with Online Learning and Concept Drift Detection. , 2015, , .		8

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91	Contextual Online Learning for Multimedia Content Aggregation. IEEE Transactions on Multimedia, 2015, 17, 549-561.	5.2	15
92	Silence is Gold: Strategic Interference Mitigation Using Tokens in Heterogeneous Small Cell Networks. IEEE Journal on Selected Areas in Communications, 2015, 33, 1097-1111.	9.7	8
93	Distributed Interference Management Policies for Heterogeneous Small Cell Networks. IEEE Journal on Selected Areas in Communications, 2015, 33, 1112-1126.	9.7	20
94	Timely video popularity forecasting based on social networks. , 2015, , .		8
95	A Dynamic Network Formation Model for Understanding Bacterial Self-Organization Into Micro-Colonies. IEEE Transactions on Molecular, Biological, and Multi-Scale Communications, 2015, 1, 76-89.	1.4	9
96	Caring Analytics for Adults With Special Needs. IEEE Design and Test, 2015, 32, 35-44.	1.1	7
97	Network formation games based on conditional independence graphs. , 2015, , .		0
98	Personalized Grade Prediction: A Data Mining Approach. , 2015, , .		21
99	Discover the Expert: Context-Adaptive Expert Selection for Medical Diagnosis. IEEE Transactions on Emerging Topics in Computing, 2015, 3, 220-234.	3.2	23
100	Distributed Multi-Agent Online Learning Based on Global Feedback. IEEE Transactions on Signal Processing, 2015, 63, 2225-2238.	3.2	21
101	Optimal Foresighted Multi-User Wireless Video. IEEE Journal on Selected Topics in Signal Processing, 2015, 9, 89-101.	7.3	14
102	Mining the Situation: Spatiotemporal Traffic Prediction With Big Data. IEEE Journal on Selected Topics in Signal Processing, 2015, 9, 702-715.	7.3	53
103	Timely Event Detection by Networked Learners. IEEE Transactions on Signal Processing, 2015, 63, 1282-1296.	3.2	13
104	Dynamic network formation with incomplete information. Economic Theory, 2015, 59, 301-331.	0.5	21
105	Forecasting Popularity of Videos Using Social Media. IEEE Journal on Selected Topics in Signal Processing, 2015, 9, 330-343.	7.3	46
106	Distributed Online Learning via Cooperative Contextual Bandits. IEEE Transactions on Signal Processing, 2015, 63, 3700-3714.	3.2	43
107	Information-Sharing Over Adaptive Networks With Self-Interested Agents. IEEE Transactions on Signal and Information Processing Over Networks, 2015, 1, 2-19.	1.6	15
108	Efficient Working and Shirking in Information Sharing Networks. IEEE Journal on Selected Areas in Communications, 2015, 33, 651-662.	9.7	5

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109	Active Learning in Context-Driven Stream Mining With an Application to Image Mining. IEEE Transactions on Image Processing, 2015, 24, 3666-3679.	6.0	17
110	A dynamic model of certification and reputation. Economic Theory, 2015, 58, 509-541.	0.5	8
111	Efficient Interference Management Policies for Femtocell Networks. IEEE Transactions on Wireless Communications, 2015, 14, 4879-4893.	6.1	10
112	RELEAF: An Algorithm for Learning and Exploiting Relevance. IEEE Journal on Selected Topics in Signal Processing, 2015, 9, 716-727.	7.3	18
113	Ensemble of distributed learners for online classification of dynamic data streams. IEEE Transactions on Signal and Information Processing Over Networks, 2015, 1, 180-194.	1.6	19
114	Adaptive Prioritized Random Linear Coding and Scheduling for Layered Data Delivery From Multiple Servers. IEEE Transactions on Multimedia, 2015, 17, 893-906.	5.2	29
115	A systematic learning method for optimal jamming. , 2015, , .		6
116	Real-time stream mining: online knowledge extraction using classifier networks. IEEE Network, 2015, 29, 10-16.	4.9	19
117	A data-driven approach for matching clinical expertise to individual cases. , 2015, , .		0
118	eTutor: Online learning for personalized education. , 2015, , .		24
119	Game Theoretic Design of MAC Protocols: Pricing Versus Intervention. IEEE Transactions on Communications, 2015, 63, 4287-4303.	4.9	0
120	Bandit Framework for Systematic Learning in Wireless Video-Based Face Recognition. IEEE Journal on Selected Topics in Signal Processing, 2015, 9, 180-194.	7.3	5
121	BitMiner. , 2015, , .		5
122	The Population Dynamics of Websites. Performance Evaluation Review, 2015, 43, 53-56.	0.4	0
123	Structure-aware stochastic load management in smart grids. , 2014, , .		4
124	Technology Choices and Pricing Policies in Public and Private Wireless Networks. IEEE Transactions on Wireless Communications, 2014, 13, 6606-6618.	6.1	3
125	Structure-Aware Stochastic Storage Management in Smart Grids. IEEE Journal on Selected Topics in Signal Processing, 2014, 8, 1098-1110.	7.3	25
126	Network evolution with incomplete information and learning. , 2014, , .		1

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127	Silence is gold: Strategic small cell interference management using tokens. , 2014, , .		3
128	Towards a theory of societal co-evolution: Individualism versus collectivism. , 2014, , .		1
129	Decentralized foresighted energy purchase and procurement with renewable generation and energy storage. , 2014, , .		2
130	Spectrum sharing for delay-sensitive applications with continuing QoS guarantees. , 2014, , .		2
131	A dynamic model of certification and reputation. , 2014, , .		1
132	Rating Protocols in Online Communities. ACM Transactions on Economics and Computation, 2014, 2, 1-34.	0.7	16
133	Rating and matching in peer review systems. , 2014, , .		2
134	An experts learning approach to mobile service offloading. , 2014, , .		6
135	Ensemble Online Clustering through Decentralized Observations. , 2014, , .		6
136	Context-Aware Online Spatiotemporal Traffic Prediction. , 2014, , .		5
137	Incentivizing information sharing in networks. , 2014, , .		2
138	Dynamic pricing for smart grid with reinforcement learning. , 2014, , .		24
139	Dynamic Incentive Design for Participation in Direct Load Scheduling Programs. IEEE Journal on Selected Topics in Signal Processing, 2014, 8, 1111-1126.	7.3	27
140	Intervention framework for counteracting collusion in spectrum leasing systems. , 2014, , .		0
141	Context-adaptive big data stream mining. , 2014, , .		9
142	Energy-Efficient Nonstationary Spectrum Sharing. IEEE Transactions on Communications, 2014, 62, 810-821.	4.9	4
143	Non-Stationary Resource Allocation Policies for Delay-Constrained Video Streaming: Application to Video over Internet-of-Things-Enabled Networks. IEEE Journal on Selected Areas in Communications, 2014, 32, 782-794.	9.7	43
144	Robust Additively Coupled Games in the Presence of Bounded Uncertainty in Communication Networks. IEEE Transactions on Vehicular Technology, 2014, 63, 1436-1452.	3.9	9

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145	A unified online directed acyclic graph flow manager for multicore schedulers. , 2014, , .		3
146	Demand Side Management in Smart Grids Using a Repeated Game Framework. IEEE Journal on Selected Areas in Communications, 2014, 32, 1412-1424.	9.7	72
147	Sharing in Networks of Strategic Agents. IEEE Journal on Selected Topics in Signal Processing, 2014, 8, 717-731.	7.3	5
148	A network of cooperative learners for data-driven stream Mining. , 2014, , .		5
149	Optimal foresighted packet scheduling and resource allocation for multi-user video transmission in 4G cellular networks. , 2014, , .		1
150	Coalitional Games With Intervention: Application to Spectrum Leasing in Cognitive Radio. IEEE Transactions on Wireless Communications, 2014, 13, 6166-6179.	6.1	11
151	Online Energy-Efficient Task-Graph Scheduling for Multicore Platforms. IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems, 2014, 33, 1194-1207.	1.9	16
152	Clustering based online learning in recommender systems: A bandit approach. , 2014, , .		10
153	Distributed Online Learning in Social Recommender Systems. IEEE Journal on Selected Topics in Signal Processing, 2014, 8, 638-652.	7.3	39
154	Real-time discovery and decision making from big data. , 2014, , .		1
155	Bandit framework for systematic learning in wireless video-based face recognition. , 2014, , .		3
156	Low Power and Scalable Many-Core Architecture for Big-Data Stream Computing. , 2014, , .		10
157	Cooperative Multi-Agent Learning and Coordination for Cognitive Radio Networks. IEEE Journal on Selected Areas in Communications, 2014, 32, 464-477.	9.7	12
158	A fast online learning algorithm for distributed mining of BigData. Performance Evaluation Review, 2014, 41, 90-93.	0.4	13
159	Collective Ratings for Online Communities With Strategic Users. IEEE Transactions on Signal Processing, 2014, 62, 3069-3083.	3.2	8
160	Non-stationary demand side management method for smart grids. , 2014, , .		8
161	Dynamic Scheduling for Energy Minimization in Delay-Sensitive Stream Mining. IEEE Transactions on Signal Processing, 2014, 62, 5439-5448.	3.2	10
162	Robust Power Control for Heterogeneous Users in Shared Unlicensed Bands. IEEE Transactions on Wireless Communications, 2014, 13, 3167-3182.	6.1	18

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163	Model Based Design Environment for Data-driven Embedded Signal Processing Systems1. Procedia Computer Science, 2014, 29, 1193-1202.	1.2	9
164	Dynamic Scheduling and Pricing in Wireless Cloud Computing. IEEE Transactions on Mobile Computing, 2014, 13, 2283-2292.	3.9	50
165	Incentive design for heterogeneous user-generated content networks. Performance Evaluation Review, 2014, 41, 34-37.	0.4	1
166	To Send or Not to Send - Learning MAC Contention. , 2014, , .		0
167	Data-Driven Stream Mining Systems for Computer Vision. Advances in Computer Vision and Pattern Recognition, 2014, , 249-264.	0.9	2
168	Efficient online exchange via fiat money. Economic Theory, 2013, 54, 211-248.	0.5	14
169	Tiered billing scheme for residential load scheduling with bidirectional energy trading. , 2013, , .		0
170	Bidirectional Energy Trading and Residential Load Scheduling with Electric Vehicles in the Smart Grid. IEEE Journal on Selected Areas in Communications, 2013, 31, 1219-1234.	9.7	132
171	Token System Design for Autonomic Wireless Relay Networks. IEEE Transactions on Communications, 2013, 61, 2924-2935.	4.9	20
172	Optimal Scheduling over Time-Varying Channels with Traffic Admission Control: Structural Results and Online Learning Algorithms. IEEE Transactions on Wireless Communications, 2013, 12, 4434-4444.	6.1	23
173	A Design Methodology for Distributed Adaptive Stream Mining Systems. Procedia Computer Science, 2013, 18, 2482-2491.	1.2	2
174	Efficient Resource Provisioning and Rate Selection for Stream Mining in a Community Cloud. IEEE Transactions on Multimedia, 2013, 15, 723-734.	5.2	31
175	Joint design of Dynamic Scheduling and Pricing in wireless cloud computing. , 2013, , .		6
176	Bidirectional energy trading for residential load scheduling and electric vehicles. , 2013, , .		16
177	A learning based congestion control for multimedia transmission in wireless networks. , 2013, , .		0
178	A novel framework for design and implementation of adaptive stream mining systems. , 2013, , .		7
179	Spectrum sharing policies for heterogeneous delay-sensitive users: A novel design framework. , 2013, , .		1
180	Conjecture-Based Load Balancing for Delay-Sensitive Users Without Message Exchanges. IEEE Transactions on Vehicular Technology, 2013, 62, 3983-3995.	3.9	2

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181	Game theoretic design of MAC protocols: Pricing and intervention in slotted-Aloha. , 2013, , .		1
182	Entry and Spectrum Sharing Scheme Selection in Femtocell Communications Markets. IEEE/ACM Transactions on Networking, 2013, 21, 218-232.	2.6	47
183	Winning the Lottery: Learning Perfect Coordination With Minimal Feedback. IEEE Journal on Selected Topics in Signal Processing, 2013, 7, 846-857.	7.3	12
184	Strategic information dissemination in endogenous networks. , 2013, , .		1
185	Nonstationary resource sharing with imperfect binary feedback: An optimal design framework for cost minimization. , 2013, , .		1
186	Online Learning Based Congestion Control for Adaptive Multimedia Transmission. IEEE Transactions on Signal Processing, 2013, 61, 1460-1469.	3.2	21
187	Joint Physical-Layer and System-Level Power Management for Delay-Sensitive Wireless Communications. IEEE Transactions on Mobile Computing, 2013, 12, 694-709.	3.9	55
188	Markov Decision Process Based Energy-Efficient On-Line Scheduling for Slice-Parallel Video Decoders on Multicore Systems. IEEE Transactions on Multimedia, 2013, 15, 268-278.	5.2	26
189	Intervention with Complete and Incomplete Information: Application to Flow Control. IEEE Transactions on Communications, 2013, 61, 3206-3218.	4.9	4
190	Incentive Provision and Job Allocation in Social Cloud Systems. IEEE Journal on Selected Areas in Communications, 2013, 31, 607-617.	9.7	19
191	Distributed online Big Data classification using context information. , 2013, , .		32
192	Reputation design for adaptive networks with selfish agents. , 2013, , .		11
193	Robust Reputation Protocol Design for Online Communities: A Stochastic Stability Analysis. IEEE Journal on Selected Topics in Signal Processing, 2013, 7, 907-920.	7.3	15
194	Learning optimal classifier chains for real-time big data mining. , 2013, , .		2
195	Learning perfect coordination with minimal feedback in wireless multi-access communications. , 2013, , .		0
196	Energy-efficient nonstationary power control in cognitive radio networks. , 2013, , .		0
197	Strategic Networks: Information Dissemination and Link Formation Among Self-Interested Agents. IEEE Journal on Selected Areas in Communications, 2013, 31, 1115-1123.	9.7	16
198	Socially-optimal design of crowdsourcing platforms with reputation update errors. , 2013, , .		26

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199	Distributed demand side management among foresighted decision makers in power networks. , 2013, , .		2
200	Learning relaying strategies in cellular D2D networks with token-based incentives. , 2013, , .		20
201	Strategic information dissemination and link formation in social networks. , 2013, , .		0
202	Rating systems for enhanced cyber-security investments. , 2013, , .		1
203	Markov decision process based energy-efficient scheduling for slice-parallel video decoding. , 2013, , .		0
204	Intervention with Private Information, Imperfect Monitoring and Costly Communication. IEEE Transactions on Communications, 2013, 61, 3192-3205.	4.9	13
205	Distributed spectrum sensing in the presence of selfish users. , 2013, , .		4
206	Energy-efficient design of real-time stream mining systems. , 2013, , .		2
207	Incentive design for Direct Load Control programs. , 2013, , .		17
208	Tiered billing scheme for residential load scheduling with bidirectional energy trading. , 2013, , .		4
209	Social Norm Design for Information Exchange Systems with Limited Observations. IEEE Journal on Selected Areas in Communications, 2012, 30, 2126-2135.	9.7	9
210	Dynamic Spectrum Sharing Among Repeatedly Interacting Selfish Users With Imperfect Monitoring. IEEE Journal on Selected Areas in Communications, 2012, 30, 1890-1899.	9.7	19
211	Reputation-based incentive protocols in crowdsourcing applications. , 2012, , .		221
212	Data Demand Dynamics in Wireless Communications Markets. IEEE Transactions on Signal Processing, 2012, 60, 1986-2000.	3.2	13
213	Energy-efficient community cloud for real-time stream mining. , 2012, , .		2
214	Repeated Games with Intervention: Theory and Applications in Communications. IEEE Transactions on Communications, 2012, 60, 3123-3132.	4.9	21
215	Structure-Aware Stochastic Control for Transmission Scheduling. IEEE Transactions on Vehicular Technology, 2012, 61, 3931-3945.	3.9	44
216	Pricing and Investment for Online TV Content Platforms. IEEE Transactions on Multimedia, 2012, 14, 1566-1578.	5.2	7

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217	Sustaining cooperation in social exchange networks with incomplete global information. , 2012, , .		0
218	Maximizing profit on user-generated content platforms with heterogeneous participants. , 2012, , .		7
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