

Mihaela van der schaar

List of Publications by Year in descending order

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324
papers

6,826
citations

81900

39
h-index

110387

64
g-index

330
all docs

330
docs citations

330
times ranked

7485
citing authors

#	ARTICLE	IF	CITATIONS
1	Ethnic and regional variations in hospital mortality from COVID-19 in Brazil: a cross-sectional observational study. <i>The Lancet Global Health</i> , 2020, 8, e1018-e1026.	6.3	435
2	Reputation-based incentive protocols in crowdsourcing applications. , 2012, , .		221
3	Dynamic Pricing and Energy Consumption Scheduling With Reinforcement Learning. <i>IEEE Transactions on Smart Grid</i> , 2016, 7, 2187-2198.	9.0	220
4	Context-Aware Proactive Content Caching With Service Differentiation in Wireless Networks. <i>IEEE Transactions on Wireless Communications</i> , 2017, 16, 1024-1036.	9.2	214
5	Sex Differences in Outcomes After STEMI. <i>JAMA Internal Medicine</i> , 2018, 178, 632.	5.1	183
6	Machine Learning in the Air. <i>IEEE Journal on Selected Areas in Communications</i> , 2019, 37, 2184-2199.	14.0	152
7	Bargaining Strategies for Networked Multimedia Resource Management. <i>IEEE Transactions on Signal Processing</i> , 2007, 55, 3496-3511.	5.3	137
8	A Machine Learning Approach for Tracking and Predicting Student Performance in Degree Programs. <i>IEEE Journal on Selected Topics in Signal Processing</i> , 2017, 11, 742-753.	10.8	137
9	Bidirectional Energy Trading and Residential Load Scheduling with Electric Vehicles in the Smart Grid. <i>IEEE Journal on Selected Areas in Communications</i> , 2013, 31, 1219-1234.	14.0	132
10	Estimating Missing Data in Temporal Data Streams Using Multi-Directional Recurrent Neural Networks. <i>IEEE Transactions on Biomedical Engineering</i> , 2019, 66, 1477-1490.	4.2	114
11	Popularity-driven content caching. , 2016, , .		111
12	Protein Family-Specific Models Using Deep Neural Networks and Transfer Learning Improve Virtual Screening and Highlight the Need for More Data. <i>Journal of Chemical Information and Modeling</i> , 2018, 58, 2319-2330.	5.4	106
13	How artificial intelligence and machine learning can help healthcare systems respond to COVID-19. <i>Machine Learning</i> , 2021, 110, 1-14.	5.4	102
14	Predicting Grades. <i>IEEE Transactions on Signal Processing</i> , 2016, 64, 959-972.	5.3	98
15	Distributed Resource Management in Multihop Cognitive Radio Networks for Delay-Sensitive Transmission. <i>IEEE Transactions on Vehicular Technology</i> , 2009, 58, 941-953.	6.3	97
16	Learning to Compete for Resources in Wireless Stochastic Games. <i>IEEE Transactions on Vehicular Technology</i> , 2009, 58, 1904-1919.	6.3	87
17	From Real-World Patient Data to Individualized Treatment Effects Using Machine Learning: Current and Future Methods to Address Underlying Challenges. <i>Clinical Pharmacology and Therapeutics</i> , 2021, 109, 87-100.	4.7	86
18	Multi-user video streaming over multi-hop wireless networks: A distributed, cross-layer approach based on priority queuing. <i>IEEE Journal on Selected Areas in Communications</i> , 2007, 25, 770-785.	14.0	85

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19	Online Learning in Large-Scale Contextual Recommender Systems. IEEE Transactions on Services Computing, 2016, 9, 433-445.	4.6	79
20	Demand Side Management in Smart Grids Using a Repeated Game Framework. IEEE Journal on Selected Areas in Communications, 2014, 32, 1412-1424.	14.0	72
21	Personalized Course Sequence Recommendations. IEEE Transactions on Signal Processing, 2016, 64, 5340-5352.	5.3	60
22	Pricing and Distributed Power Control in Wireless Relay Networks. IEEE Transactions on Signal Processing, 2011, 59, 2913-2926.	5.3	59
23	Distributed Learning for Stochastic Generalized Nash Equilibrium Problems. IEEE Transactions on Signal Processing, 2017, 65, 3893-3908.	5.3	58
24	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.	12.3	56
25	Joint Physical-Layer and System-Level Power Management for Delay-Sensitive Wireless Communications. IEEE Transactions on Mobile Computing, 2013, 12, 694-709.	5.8	55
26	Jamming Bandits—A Novel Learning Method for Optimal Jamming. IEEE Transactions on Wireless Communications, 2016, 15, 2792-2808.	9.2	55
27	Autonomic and Distributed Joint Routing and Power Control for Delay-Sensitive Applications in Multi-Hop Wireless Networks. IEEE Transactions on Wireless Communications, 2011, 10, 102-113.	9.2	53
28	Mining the Situation: Spatiotemporal Traffic Prediction With Big Data. IEEE Journal on Selected Topics in Signal Processing, 2015, 9, 702-715.	10.8	53
29	To Relay or Not to Relay: Learning Device-to-Device Relaying Strategies in Cellular Networks. IEEE Transactions on Mobile Computing, 2016, 15, 1569-1585.	5.8	53
30	Dynamic Scheduling and Pricing in Wireless Cloud Computing. IEEE Transactions on Mobile Computing, 2014, 13, 2283-2292.	5.8	50
31	A Non-Stochastic Learning Approach to Energy Efficient Mobility Management. IEEE Journal on Selected Areas in Communications, 2016, 34, 3854-3868.	14.0	49
32	Discovery and Clinical Decision Support for Personalized Healthcare. IEEE Journal of Biomedical and Health Informatics, 2017, 21, 1133-1145.	6.3	49
33	A New Systematic Framework for Autonomous Cross-Layer Optimization. IEEE Transactions on Vehicular Technology, 2009, 58, 1887-1903.	6.3	47
34	Entry and Spectrum Sharing Scheme Selection in Femtocell Communications Markets. IEEE/ACM Transactions on Networking, 2013, 21, 218-232.	3.8	47
35	Prognostication and Risk Factors for Cystic Fibrosis via Automated Machine Learning. Scientific Reports, 2018, 8, 11242.	3.3	47
36	Detection of Spectral Resources in Cognitive Radios Using Reinforcement Learning. , 2008, , .		46

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37	Distributed power allocation in multi-user multi-channel cellular relay networks. IEEE Transactions on Wireless Communications, 2010, 9, 1952-1964.	9.2	46
38	Forecasting Popularity of Videos Using Social Media. IEEE Journal on Selected Topics in Signal Processing, 2015, 9, 330-343.	10.8	46
39	Structure-Aware Stochastic Control for Transmission Scheduling. IEEE Transactions on Vehicular Technology, 2012, 61, 3931-3945.	6.3	44
40	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.	14.0	43
41	Distributed Online Learning via Cooperative Contextual Bandits. IEEE Transactions on Signal Processing, 2015, 63, 3700-3714.	5.3	43
42	Mechanism-based resource allocation for multimedia transmission over spectrum agile wireless networks. IEEE Journal on Selected Areas in Communications, 2007, 25, 601-612.	14.0	42
43	Personalized survival predictions via Trees of Predictors: An application to cardiac transplantation. PLoS ONE, 2018, 13, e0194985.	2.5	40
44	Distributed Online Learning in Social Recommender Systems. IEEE Journal on Selected Topics in Signal Processing, 2014, 8, 638-652.	10.8	39
45	Smart caching in wireless small cell networks via contextual multi-armed bandits. , 2016, , .		39
46	Personalized Risk Scoring for Critical Care Prognosis Using Mixtures of Gaussian Processes. IEEE Transactions on Biomedical Engineering, 2018, 65, 207-218.	4.2	38
47	Personalized Education in the Artificial Intelligence Era: What to Expect Next. IEEE Signal Processing Magazine, 2021, 38, 37-50.	5.6	38
48	ConfidentCare: A Clinical Decision Support System for Personalized Breast Cancer Screening. IEEE Transactions on Multimedia, 2016, 18, 1942-1955.	7.2	34
49	RNN-SURV: A Deep Recurrent Model for Survival Analysis. Lecture Notes in Computer Science, 2018, , 23-32.	1.3	34
50	Distributed online Big Data classification using context information. , 2013, , .		32
51	A Learning Approach to Frequent Handover Mitigations in 3GPP Mobility Protocols. , 2017, , .		32
52	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.	3.2	32
53	Functional Contour-following via Haptic Perception and Reinforcement Learning. IEEE Transactions on Haptics, 2018, 11, 61-72.	2.7	32
54	Sex Differences in Modifiable Risk Factors and Severity of Coronary Artery Disease. Journal of the American Heart Association, 2020, 9, e017235.	3.7	32

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55	Efficient Resource Provisioning and Rate Selection for Stream Mining in a Community Cloud. IEEE Transactions on Multimedia, 2013, 15, 723-734.	7.2	31
56	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.	3.1	30
57	Adaptive Prioritized Random Linear Coding and Scheduling for Layered Data Delivery From Multiple Servers. IEEE Transactions on Multimedia, 2015, 17, 893-906.	7.2	29
58	The Theory of Intervention Games for Resource Sharing in Wireless Communications. IEEE Journal on Selected Areas in Communications, 2012, 30, 165-175.	14.0	28
59	Dynamic Incentive Design for Participation in Direct Load Scheduling Programs. IEEE Journal on Selected Topics in Signal Processing, 2014, 8, 1111-1126.	10.8	27
60	Decomposition Principles and Online Learning in Cross-Layer Optimization for Delay-Sensitive Applications. IEEE Transactions on Signal Processing, 2010, 58, 1401-1415.	5.3	26
61	Pricing and Incentives in Peer-to-Peer Networks. , 2010, , .		26
62	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.	7.2	26
63	Socially-optimal design of crowdsourcing platforms with reputation update errors. , 2013, , .		26
64	Optimality and Improvement of Dynamic Voltage Scaling Algorithms for Multimedia Applications. IEEE Transactions on Circuits and Systems I: Regular Papers, 2010, 57, 681-690.	5.4	25
65	On-Line Learning and Optimization for Wireless Video Transmission. IEEE Transactions on Signal Processing, 2010, 58, 3108-3124.	5.3	25
66	Structural Solutions for Dynamic Scheduling in Wireless Multimedia Transmission. IEEE Transactions on Circuits and Systems for Video Technology, 2012, 22, 727-739.	8.3	25
67	Structure-Aware Stochastic Storage Management in Smart Grids. IEEE Journal on Selected Topics in Signal Processing, 2014, 8, 1098-1110.	10.8	25
68	Distortion-Driven Video Streaming over Multihop Wireless Networks with Path Diversity. IEEE Transactions on Mobile Computing, 2007, 6, 1343-1356.	5.8	24
69	Collaborative resource exchanges for peer-to-peer video streaming over wireless mesh networks. IEEE Journal on Selected Areas in Communications, 2007, 25, 108-118.	14.0	24
70	A Pricing Mechanism for Resource Allocation in Wireless Multimedia Applications. IEEE Journal on Selected Topics in Signal Processing, 2007, 1, 264-279.	10.8	24
71	Delay-Sensitive Resource Management in Multi-Hop Cognitive Radio Networks. , 2008, , .		24
72	Online learning in autonomic multi-hop wireless networks for transmitting mission-critical applications. IEEE Journal on Selected Areas in Communications, 2010, 28, 728-741.	14.0	24

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73	Dynamic pricing for smart grid with reinforcement learning. , 2014, , .		24
74	eTutor: Online learning for personalized education. , 2015, , .		24
75	Using Contextual Learning to Improve Diagnostic Accuracy: Application in Breast Cancer Screening. IEEE Journal of Biomedical and Health Informatics, 2016, 20, 902-914.	6.3	24
76	Adaptive Ensemble Learning With Confidence Bounds. IEEE Transactions on Signal Processing, 2017, 65, 888-903.	5.3	24
77	Context-Aware Hierarchical Online Learning for Performance Maximization in Mobile Crowdsourcing. IEEE/ACM Transactions on Networking, 2018, 26, 1334-1347.	3.8	24
78	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.	9.2	23
79	Discover the Expert: Context-Adaptive Expert Selection for Medical Diagnosis. IEEE Transactions on Emerging Topics in Computing, 2015, 3, 220-234.	4.6	23
80	CPAS: the UK's national machine learning-based hospital capacity planning system for COVID-19. Machine Learning, 2021, 110, 15-35.	5.4	23
81	Comparing COVID-19 risk factors in Brazil using machine learning: the importance of socioeconomic, demographic and structural factors. Scientific Reports, 2021, 11, 15591.	3.3	23
82	Analytical Rate-Distortion-Complexity Modeling of Wavelet-Based Video Coders. IEEE Transactions on Signal Processing, 2008, 56, 797-815.	5.3	22
83	Statistical Framework for Video Decoding Complexity Modeling and Prediction. IEEE Transactions on Circuits and Systems for Video Technology, 2009, 19, 1000-1013.	8.3	22
84	Cognitive MAC Protocols Using Memory for Distributed Spectrum Sharing Under Limited Spectrum Sensing. IEEE Transactions on Communications, 2011, 59, 2627-2637.	7.8	22
85	Adaptive Linear Prediction for Resource Estimation of Video Decoding. IEEE Transactions on Circuits and Systems for Video Technology, 2007, 17, 751-764.	8.3	21
86	Repeated Games with Intervention: Theory and Applications in Communications. IEEE Transactions on Communications, 2012, 60, 3123-3132.	7.8	21
87	Online Learning Based Congestion Control for Adaptive Multimedia Transmission. IEEE Transactions on Signal Processing, 2013, 61, 1460-1469.	5.3	21
88	Personalized Grade Prediction: A Data Mining Approach. , 2015, , .		21
89	Distributed Multi-Agent Online Learning Based on Global Feedback. IEEE Transactions on Signal Processing, 2015, 63, 2225-2238.	5.3	21
90	Dynamic network formation with incomplete information. Economic Theory, 2015, 59, 301-331.	0.9	21

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91	Collision Detection by Networked Sensors. IEEE Transactions on Signal and Information Processing Over Networks, 2016, 2, 1-15.	2.8	21
92	Machine learning to guide the use of adjuvant therapies for breast cancer. Nature Machine Intelligence, 2021, 3, 716-726.	16.0	21
93	Adaptive Topologic Optimization for Large-Scale Stream Mining. IEEE Journal on Selected Topics in Signal Processing, 2010, 4, 620-636.	10.8	20
94	Token System Design for Autonomic Wireless Relay Networks. IEEE Transactions on Communications, 2013, 61, 2924-2935.	7.8	20
95	Learning relaying strategies in cellular D2D networks with token-based incentives. , 2013, , .		20
96	Distributed Interference Management Policies for Heterogeneous Small Cell Networks. IEEE Journal on Selected Areas in Communications, 2015, 33, 1112-1126.	14.0	20
97	Streaming-Viability Analysis and Packet Scheduling for Video Over In-Vehicle Wireless Networks. IEEE Transactions on Vehicular Technology, 2007, 56, 3533-3549.	6.3	19
98	Conjectural Equilibrium in Multiuser Power Control Games. IEEE Transactions on Signal Processing, 2009, 57, 3638-3650.	5.3	19
99	Dynamic Spectrum Sharing Among Repeatedly Interacting Selfish Users With Imperfect Monitoring. IEEE Journal on Selected Areas in Communications, 2012, 30, 1890-1899.	14.0	19
100	Peer-to-Peer multimedia sharing based on social norms. Signal Processing: Image Communication, 2012, 27, 383-400.	3.2	19
101	Incentive Provision and Job Allocation in Social Cloud Systems. IEEE Journal on Selected Areas in Communications, 2013, 31, 607-617.	14.0	19
102	Ensemble of distributed learners for online classification of dynamic data streams. IEEE Transactions on Signal and Information Processing Over Networks, 2015, 1, 180-194.	2.8	19
103	Real-time stream mining: online knowledge extraction using classifier networks. IEEE Network, 2015, 29, 10-16.	6.9	19
104	Personalized Active Learning for Activity Classification Using Wireless Wearable Sensors. IEEE Journal on Selected Topics in Signal Processing, 2016, 10, 865-876.	10.8	19
105	Generalized Global Bandit and Its Application in Cellular Coverage Optimization. IEEE Journal on Selected Topics in Signal Processing, 2018, 12, 218-232.	10.8	19
106	Fairness Strategies for Wireless Resource Allocation Among Autonomous Multimedia Users. IEEE Transactions on Circuits and Systems for Video Technology, 2010, 20, 297-309.	8.3	18
107	Robust Power Control for Heterogeneous Users in Shared Unlicensed Bands. IEEE Transactions on Wireless Communications, 2014, 13, 3167-3182.	9.2	18
108	RELEAF: An Algorithm for Learning and Exploiting Relevance. IEEE Journal on Selected Topics in Signal Processing, 2015, 9, 716-727.	10.8	18

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109	Dynamic, data-driven processing of multispectral video streams. IEEE Aerospace and Electronic Systems Magazine, 2017, 32, 50-57.	1.3	18
110	Configuring Competing Classifier Chains in Distributed Stream Mining Systems. IEEE Journal on Selected Topics in Signal Processing, 2007, 1, 548-563.	10.8	17
111	Incentive design for Direct Load Control programs. , 2013, , .		17
112	Active Learning in Context-Driven Stream Mining With an Application to Image Mining. IEEE Transactions on Image Processing, 2015, 24, 3666-3679.	9.8	17
113	Bidirectional energy trading for residential load scheduling and electric vehicles. , 2013, , .		16
114	Strategic Networks: Information Dissemination and Link Formation Among Self-Interested Agents. IEEE Journal on Selected Areas in Communications, 2013, 31, 1115-1123.	14.0	16
115	Rating Protocols in Online Communities. ACM Transactions on Economics and Computation, 2014, 2, 1-34.	1.1	16
116	Online Energy-Efficient Task-Graph Scheduling for Multicore Platforms. IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems, 2014, 33, 1194-1207.	2.7	16
117	A Non-Stationary Online Learning Approach to Mobility Management. IEEE Transactions on Wireless Communications, 2019, 18, 1434-1446.	9.2	16
118	Prediction of Major Complications and Readmission After Lumbar Spinal Fusion: A Machine Learning-Driven Approach. World Neurosurgery, 2021, 152, e227-e234.	1.3	16
119	Complexity-Constrained Video Bitstream Shaping. IEEE Transactions on Signal Processing, 2007, 55, 1967-1974.	5.3	15
120	Dynamic conjectures in random access networks using bio-inspired learning. IEEE Journal on Selected Areas in Communications, 2010, 28, 587-601.	14.0	15
121	User subscription dynamics and revenue maximization in communications markets. , 2011, , .		15
122	Robust Reputation Protocol Design for Online Communities: A Stochastic Stability Analysis. IEEE Journal on Selected Topics in Signal Processing, 2013, 7, 907-920.	10.8	15
123	Contextual Online Learning for Multimedia Content Aggregation. IEEE Transactions on Multimedia, 2015, 17, 549-561.	7.2	15
124	Information-Sharing Over Adaptive Networks With Self-Interested Agents. IEEE Transactions on Signal and Information Processing Over Networks, 2015, 1, 2-19.	2.8	15
125	Adaptive Contextual Learning for Unit Commitment in Microgrids With Renewable Energy Sources. IEEE Journal on Selected Topics in Signal Processing, 2018, 12, 688-702.	10.8	15
126	Cross Layer Design and Analysis of Multiuser Wireless Video Streaming Over 802.11e EDCA. IEEE Signal Processing Letters, 2009, 16, 268-271.	3.6	14

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127	A Distributed Approach for Optimizing Cascaded Classifier Topologies in Real-Time Stream Mining Systems. IEEE Transactions on Image Processing, 2010, 19, 3035-3048.	9.8	14
128	Efficient online exchange via fiat money. Economic Theory, 2013, 54, 211-248.	0.9	14
129	Optimal Foresighted Multi-User Wireless Video. IEEE Journal on Selected Topics in Signal Processing, 2015, 9, 89-101.	10.8	14
130	A Novel, Potentially Universal Machine Learning Algorithm to Predict Complications in Total Knee Arthroplasty. Arthroplasty Today, 2021, 10, 135-143.	1.6	14
131	Data Demand Dynamics in Wireless Communications Markets. IEEE Transactions on Signal Processing, 2012, 60, 1986-2000.	5.3	13
132	AppAdapt: Opportunistic Application Adaptation in Presence of Hardware Variation. IEEE Transactions on Very Large Scale Integration (VLSI) Systems, 2012, 20, 1986-1996.	3.1	13
133	Intervention with Private Information, Imperfect Monitoring and Costly Communication. IEEE Transactions on Communications, 2013, 61, 3192-3205.	7.8	13
134	A fast online learning algorithm for distributed mining of BigData. Performance Evaluation Review, 2014, 41, 90-93.	0.6	13
135	Timely Event Detection by Networked Learners. IEEE Transactions on Signal Processing, 2015, 63, 1282-1296.	5.3	13
136	Big-Data Streaming Applications Scheduling Based on Staged Multi-armed Bandits. IEEE Transactions on Computers, 2016, , 1-1.	3.4	13
137	Multi-User Multimedia Resource Management using Nash Bargaining Solution. , 2007, , .		12
138	Medium Access Control Protocols With Memory. IEEE/ACM Transactions on Networking, 2010, 18, 1921-1934.	3.8	12
139	Intervention in Power Control Games With Selfish Users. IEEE Journal on Selected Topics in Signal Processing, 2012, 6, 165-179.	10.8	12
140	Winning the Lottery: Learning Perfect Coordination With Minimal Feedback. IEEE Journal on Selected Topics in Signal Processing, 2013, 7, 846-857.	10.8	12
141	Cooperative Multi-Agent Learning and Coordination for Cognitive Radio Networks. IEEE Journal on Selected Areas in Communications, 2014, 32, 464-477.	14.0	12
142	A Hierarchical Bayesian Model for Personalized Survival Predictions. IEEE Journal of Biomedical and Health Informatics, 2019, 23, 72-80.	6.3	12
143	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.	2.2	12
144	Smoking and sex differences in first manifestation of cardiovascular disease. Atherosclerosis, 2021, 330, 43-51.	0.8	12

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145	Bayesian Nonparametric Causal Inference: Information Rates and Learning Algorithms. IEEE Journal on Selected Topics in Signal Processing, 2018, 12, 1031-1046.	10.8	12
146	Fairness Strategies for Multi-user Multimedia Applications in Competitive Environments using the Kalai-Smorodinsky Bargaining Solution. , 2007, , .		11
147	A Bargaining Theoretic Approach to Quality-Fair System Resource Allocation for Multiple Decoding Tasks. IEEE Transactions on Circuits and Systems for Video Technology, 2008, 18, 453-466.	8.3	11
148	Reputation design for adaptive networks with selfish agents. , 2013, , .		11
149	Coalitional Games With Intervention: Application to Spectrum Leasing in Cognitive Radio. IEEE Transactions on Wireless Communications, 2014, 13, 6166-6179.	9.2	11
150	A Micro-Foundation of Social Capital in Evolving Social Networks. IEEE Transactions on Network Science and Engineering, 2018, 5, 14-31.	6.4	11
151	Coalition-Based Resource Reciprocation Strategies for P2P Multimedia Broadcasting. IEEE Transactions on Broadcasting, 2008, 54, 557-567.	3.2	10
152	Clustering based online learning in recommender systems: A bandit approach. , 2014, , .		10
153	Low Power and Scalable Many-Core Architecture for Big-Data Stream Computing. , 2014, , .		10
154	Dynamic Scheduling for Energy Minimization in Delay-Sensitive Stream Mining. IEEE Transactions on Signal Processing, 2014, 62, 5439-5448.	5.3	10
155	Efficient Interference Management Policies for Femtocell Networks. IEEE Transactions on Wireless Communications, 2015, 14, 4879-4893.	9.2	10
156	ToPs: Ensemble Learning With Trees of Predictors. IEEE Transactions on Signal Processing, 2018, 66, 2141-2152.	5.3	10
157	Congestion game modeling for brokerage based multimedia resource management. , 2007, , .		9
158	Compression-Aware Energy Optimization for Video Decoding Systems With Passive Power. IEEE Transactions on Circuits and Systems for Video Technology, 2008, 18, 1300-1306.	8.3	9
159	Social Norm Design for Information Exchange Systems with Limited Observations. IEEE Journal on Selected Areas in Communications, 2012, 30, 2126-2135.	14.0	9
160	Information Production and Link Formation in Social Computing Systems. IEEE Journal on Selected Areas in Communications, 2012, 30, 2136-2145.	14.0	9
161	Context-adaptive big data stream mining. , 2014, , .		9
162	Robust Additively Coupled Games in the Presence of Bounded Uncertainty in Communication Networks. IEEE Transactions on Vehicular Technology, 2014, 63, 1436-1452.	6.3	9

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163	Model Based Design Environment for Data-driven Embedded Signal Processing Systems1. <i>Procedia Computer Science</i> , 2014, 29, 1193-1202.	2.0	9
164	A Dynamic Network Formation Model for Understanding Bacterial Self-Organization Into Micro-Colonies. <i>IEEE Transactions on Molecular, Biological, and Multi-Scale Communications</i> , 2015, 1, 76-89.	2.1	9
165	Global Bandits. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2018, 29, 5798-5811.	11.3	9
166	Conjectural Equilibrium in Water-Filling Games. , 2009, , .		8
167	Collective Ratings for Online Communities With Strategic Users. <i>IEEE Transactions on Signal Processing</i> , 2014, 62, 3069-3083.	5.3	8
168	Non-stationary demand side management method for smart grids. , 2014, , .		8
169	To Send or Not to Send - Learning MAC Contention. , 2015, , .		8
170	Big-Data Streaming Applications Scheduling with Online Learning and Concept Drift Detection. , 2015, , .		8
171	Silence is Gold: Strategic Interference Mitigation Using Tokens in Heterogeneous Small Cell Networks. <i>IEEE Journal on Selected Areas in Communications</i> , 2015, 33, 1097-1111.	14.0	8
172	Timely video popularity forecasting based on social networks. , 2015, , .		8
173	A dynamic model of certification and reputation. <i>Economic Theory</i> , 2015, 58, 509-541.	0.9	8
174	Social Norm Incentives for Network Coding in Manets. <i>IEEE/ACM Transactions on Networking</i> , 2017, 25, 1761-1774.	3.8	8
175	Online Learning in Limit Order Book Trade Execution. <i>IEEE Transactions on Signal Processing</i> , 2018, 66, 4626-4641.	5.3	8
176	Distributed Task Management in Cyber-Physical Systems: How to Cooperate Under Uncertainty?. <i>IEEE Transactions on Cognitive Communications and Networking</i> , 2019, 5, 165-180.	7.9	8
177	Constructing effective personalized policies using counterfactual inference from biased data sets with many features. <i>Machine Learning</i> , 2019, 108, 945-970.	5.4	8
178	Statins for primary prevention among elderly men and women. <i>Cardiovascular Research</i> , 2022, 118, 3000-3009.	3.8	8
179	On the Impact of Bounded Rationality in Peer-to-Peer Networks. <i>IEEE Signal Processing Letters</i> , 2009, 16, 675-678.	3.6	7
180	Reinforcement learning in BitTorrent systems. , 2011, , .		7

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181	Configuring Trees of Classifiers in Distributed Multimedia Stream Mining Systems. IEEE Transactions on Circuits and Systems for Video Technology, 2011, 21, 245-258.	8.3	7
182	Pricing and Investment for Online TV Content Platforms. IEEE Transactions on Multimedia, 2012, 14, 1566-1578.	7.2	7
183	Maximizing profit on user-generated content platforms with heterogeneous participants. , 2012, , .		7
184	Structural Solutions for Additively Coupled Sum Constrained Games. IEEE Transactions on Communications, 2012, 60, 3779-3796.	7.8	7
185	A novel framework for design and implementation of adaptive stream mining systems. , 2013, , .		7
186	Socially-Optimal Design of Service Exchange Platforms with Imperfect Monitoring. ACM Transactions on Economics and Computation, 2015, 3, 1-25.	1.1	7
187	Caring Analytics for Adults With Special Needs. IEEE Design and Test, 2015, 32, 35-44.	1.2	7
188	Bits Learning: User-Adjustable Privacy Versus Accuracy in Internet Traffic Classification. IEEE Communications Letters, 2016, 20, 704-707.	4.1	7
189	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.	2.8	7
190	A Queuing Theoretic Approach to Processor Power Adaptation for Video Decoding Systems. IEEE Transactions on Signal Processing, 2008, 56, 378-392.	5.3	6
191	Stochastic Game Formulation for Cognitive Radio Networks. , 2008, , .		6
192	Tree configuration games for distributed stream mining systems. , 2009, , .		6
193	Content-aware TCP-friendly congestion control for multimedia transmission. , 2011, , .		6
194	Joint design of Dynamic Scheduling and Pricing in wireless cloud computing. , 2013, , .		6
195	An experts learning approach to mobile service offloading. , 2014, , .		6
196	Ensemble Online Clustering through Decentralized Observations. , 2014, , .		6
197	A systematic learning method for optimal jamming. , 2015, , .		6
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