Cem Tekin

List of Publications by Year
in descending order

42 papers	693 citations	686830 13 h-index	642321 23 g-index
42 all docs	42 docs citations	42 times ranked	610 citing authors

#	Article	IF	Citations
1	Feedback Adaptive Learning for Medical and Educational Application Recommendation. IEEE Transactions on Services Computing, 2022, 15, 2144-2157.	3.2	5
2	Conservative Policy Construction Using Variational Autoencoders for Logged Data With Missing Values. IEEE Transactions on Neural Networks and Learning Systems, 2022, PP, 1-11.	7.2	3
3	Exploiting Relevance for Online Decision-Making in High-Dimensions. IEEE Transactions on Signal Processing, 2021, 69, 1438-1451.	3.2	3
4	Multi-objective multi-armed bandit with lexicographically ordered and satisficing objectives. Machine Learning, 2021, 110, 1233-1266.	3.4	1
5	Decentralized Dynamic Rate and Channel Selection Over a Shared Spectrum. IEEE Transactions on Communications, 2021, 69, 3787-3801.	4.9	4
6	Multi-User Small Base Station Association via Contextual Combinatorial Volatile Bandits. IEEE Transactions on Communications, 2021, 69, 3726-3740.	4.9	3
7	Fast Learning for Dynamic Resource Allocation in AI-Enabled Radio Networks. IEEE Transactions on Cognitive Communications and Networking, 2020, 6, 95-110.	4.9	22
8	Thompson Sampling for Combinatorial Network Optimization in Unknown Environments. IEEE/ACM Transactions on Networking, 2020, 28, 2836-2849.	2.6	2
9	Online Bayesian Learning for Rate Selection in Millimeter Wave Cognitive Radio Networks. , 2020, , .		5
10	Rate and Channel Adaptation in Cognitive Radio Networks Under Time-Varying Constraints. IEEE Communications Letters, 2020, 24, 2979-2983.	2.5	3
11	The biobjective multiarmed bandit: learning approximate lexicographic optimal allocations. Turkish Journal of Electrical Engineering and Computer Sciences, 2019, , .	0.9	0
12	Online Contextual Influence Maximization With Costly Observations. IEEE Transactions on Signal and Information Processing Over Networks, 2019, 5, 273-289.	1.6	1
13	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
14	Global Bandits. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 5798-5811.	7.2	9
15	Context-Aware Hierarchical Online Learning for Performance Maximization in Mobile Crowdsourcing. IEEE/ACM Transactions on Networking, 2018, 26, 1334-1347.	2.6	24
16	Multi-objective Contextual Multi-armed Bandit With a Dominant Objective. IEEE Transactions on Signal Processing, 2018, 66, 3799-3813.	3.2	21
17	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
18	Online Learning in Limit Order Book Trade Execution. IEEE Transactions on Signal Processing, 2018, 66, 4626-4641.	3.2	8

#	Article	IF	Citations
19	Online cross-layer learning in heterogeneous cognitive radio networks without CSI. , 2018, , .		2
20	Adaptive Ensemble Learning With Confidence Bounds. IEEE Transactions on Signal Processing, 2017, 65, 888-903.	3.2	24
21	Actionable intelligence and online learning for semantic computing. Encyclopedia With Semantic Computing and Robotic Intelligence, 2017, 01, 1630011.	0.2	0
22	Online learning in limit order book trade execution. , 2017, , .		1
23	Combinatorial multi-armed bandit problem with probabilistically triggered arms: A case with bounded regret. , 2017, , .		3
24	Multi-Objective contextual bandits with a dominant objective. , 2017, , .		5
25	Contextual learning for unit commitment with renewable energy sources. , 2016, , .		2
26	Online Contextual Influence Maximization in social networks. , 2016, , .		2
27	Big-Data Streaming Applications Scheduling Based on Staged Multi-armed Bandits. IEEE Transactions on Computers, 2016, , 1-1.	2.4	13
28	A Non-Stochastic Learning Approach to Energy Efficient Mobility Management. IEEE Journal on Selected Areas in Communications, 2016, 34, 3854-3868.	9.7	49
29	Gambler's Ruin Bandit Problem. , 2016, , .		2
30	Distributed Multi-Agent Online Learning Based on Global Feedback. IEEE Transactions on Signal Processing, 2015, 63, 2225-2238.	3.2	21
31	Distributed Online Learning via Cooperative Contextual Bandits. IEEE Transactions on Signal Processing, 2015, 63, 3700-3714.	3.2	43
32	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
33	RELEAF: An Algorithm for Learning and Exploiting Relevance. IEEE Journal on Selected Topics in Signal Processing, 2015, 9, 716-727.	7.3	18
34	A data-driven approach for matching clinical expertise to individual cases. , 2015, , .		0
35	Approximately optimal adaptive learning in opportunistic spectrum access. , 2012, , .		30
36	Atomic Congestion Games on Graphs and Their Applications in Networking. IEEE/ACM Transactions on Networking, 2012, 20, 1541-1552.	2.6	72

#	Article	IF	Citations
37	Online learning in decentralized multi-user spectrum access with synchronized explorations. , 2012, , .		11
38	Online Learning of Rested and Restless Bandits. IEEE Transactions on Information Theory, 2012, 58, 5588-5611.	1.5	98
39	Online learning in opportunistic spectrum access: A restless bandit approach. , 2011, , .		70
40	Adaptive learning of uncontrolled restless bandits with logarithmic regret. , 2011, , .		14
41	Online algorithms for the multi-armed bandit problem with Markovian rewards. , 2010, , .		37
42	Enhancing Cognitive Radio dynamic spectrum sensing through adaptive learning. , 2009, , .		11