

CITATION REPORT

List of articles citing

Regret Analysis of Stochastic and Nonstochastic Multi-armed Bandit Problems

DOI: 10.1561/22000000024

Foundations and Trends in Machine Learning, 2012, 5, 1-122.

Source: <https://exaly.com/paper-pdf/53018978/citation-report.pdf>

Version: 2024-04-20

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

#	Paper	IF	Citations
793	Information-seeking, curiosity, and attention: computational and neural mechanisms. 2013 , 17, 585-93		330
792	Algorithmic Decision Theory. <i>Lecture Notes in Computer Science</i> , 2013 ,	0.9	
791	Thompson Sampling for Bayesian Bandits with Resets. <i>Lecture Notes in Computer Science</i> , 2013 , 399-410	0.9	2
790	Linear Bayes policy for learning in contextual-bandits. 2013 , 40, 7400-7406		2
789	Informational confidence bounds for self-normalized averages and applications. 2013 ,		52
788	On optimal foraging and multi-armed bandits. 2013 ,		15
787	Bandits with Knapsacks. 2013 ,		72
786	Spectrum bandit optimization. 2013 ,		13
785	Kullback-Leibler upper confidence bounds for optimal sequential allocation. 2013 , 41,		109
784	An integrated development environment for faster feature engineering. 2014 , 7, 1657-1660		8
783	Optimal Exploration-Exploitation in a Multi-Armed-Bandit Problem with Non-Stationary Rewards. <i>SSRN Electronic Journal</i> , 2014 ,	1	17
782	Learning-based optimization of cache content in a small cell base station. 2014 ,		185
781	Algorithmic models of human decision making in Gaussian multi-armed bandit problems. 2014 ,		
780	Clinical online recommendation with subgroup rank feedback. 2014 ,		1
779	Active learning for classification: An optimistic approach. 2014 ,		3
778	A multi-armed bandit formulation for distributed appliances scheduling in smart grids. 2014 ,		
777	Pareto Upper Confidence Bounds algorithms: An empirical study. 2014 ,		1

776	Online decision making in crowdsourcing markets. 2014 , 12, 4-23		30
775	Regret in Online Combinatorial Optimization. <i>Mathematics of Operations Research</i> , 2014 , 39, 31-45	1.5	80
774	Surveillance in an abruptly changing world via multiarmed bandits. 2014 ,		13
773	Reinforcement Learning Algorithms for Adaptive Cyber Defense against Heartbleed. 2014 ,		17
772	BLISS: Budget Limited robuSt crowdSensing through online learning. 2014 ,		18
771	Dynamic Pricing with Multiple Products and Partially Specified Demand Distribution. <i>Mathematics of Operations Research</i> , 2014 , 39, 863-888	1.5	19
770	Bandits with concave rewards and convex knapsacks. 2014 ,		31
769	Networked bandits with disjoint linear payoffs. 2014 ,		8
768	Achieving differential privacy of data disclosure in the smart grid. 2014 ,		80
767	Developmental learning for Intelligent Tutoring Systems. 2014 ,		9
766	Prior-free and prior-dependent regret bounds for Thompson Sampling. 2014 ,		6
765	Regret bounds for restless Markov bandits. 2014 , 558, 62-76		10
764	Stochastic bandits with side observations on networks. 2014 ,		7
763	Online Markov Decision Processes With Kullback-Leibler Control Cost. <i>IEEE Transactions on Automatic Control</i> , 2014 , 59, 1423-1438	5.9	23
762	Can small islands protect nearby coasts from tsunamis? An active experimental design approach. 2014 , 470, 20140575		20
761	Optimal Rate Sampling in 802.11 systems. 2014 ,		26
760	On Human Decision-Making Heuristics and Algorithm Design in Engineering [Further Thoughts]. 2014 , 102, 572-573		
759	Cognitively inspired reinforcement learning architecture and its application to giant-swing motion control. 2014 , 116, 1-9		7

758	Modeling Human Decision Making in Generalized Gaussian Multiarmed Bandits. 2014 , 102, 544-571		47
757	Multi-Armed Bandits, Gittins Index, and its Calculation. 2014 , 416-435		9
756	A Multi-armed Bandit Approach to Online Spatial Task Assignment. 2014 ,		37
755	Learning-based hybrid TDMA-CSMA MAC protocol for virtualized 802.11 WLANs. 2015 ,		3
754	Bandit-Based Task Assignment for Heterogeneous Crowdsourcing. 2015 , 27, 2447-75		8
753	Bandit-based Monte-Carlo structure learning of probabilistic logic programs. 2015 , 100, 127-156		7
752	Convergence of heterogeneous distributed learning in stochastic routing games. 2015 ,		6
751	Automating model search for large scale machine learning. 2015 ,		56
750	Online Decision-Making with High-Dimensional Covariates. <i>SSRN Electronic Journal</i> , 2015 ,	1	20
749	Online Network Revenue Management Using Thompson Sampling. <i>SSRN Electronic Journal</i> , 2015 ,	1	3
748	Optimism in Active Learning. 2015 , 2015, 973696		3
747	Combining Multiple Strategies for Multiarmed Bandit Problems and Asymptotic Optimality. 2015 , 2015, 1-7		
746	A Survey on Supervised Classification on Data Streams. 2015 , 88-125		24
745	Task selection for bandit-based task assignment in heterogeneous crowdsourcing. 2015 ,		5
744	Differential privacy of populations in routing games. 2015 ,		5
743	Online convex optimization with ramp constraints. 2015 ,		12
742	Dynamic and probabilistic estimation of manipulable obstacles for indoor navigation. 2015 ,		1
741	Trends in Mobile Cyber-Physical Systems for health Just-in time interventions. 2015 ,		10

740	Work capacity of freelance markets: Fundamental limits and decentralized schemes. 2015,	7
739	An Order Optimal Policy for Exploiting Idle Spectrum in Cognitive Radio Networks. 2015, 63, 1214-1227	16
738	Cognitive forwarding control in wireless ad-hoc networks with slow fading channels. 2015, 21, 2327-2343	
737	Truthful learning mechanisms for multi-slot sponsored search auctions with externalities. 2015, 227, 93-139	7
736	Learning to Rank. 2015,	2
735	Nested-Batch-Mode Learning and Stochastic Optimization with An Application to Sequential MultiStage Testing in Materials Science. 2015, 37, B361-B381	18
734	Optimal Rates for Zero-Order Convex Optimization: The Power of Two Function Evaluations. 2015, 61, 2788-2806	88
733	On the efficiency of a randomized mirror descent algorithm in online optimization problems. 2015, 55, 580-596	4
732	Dynamic Pricing with Limited Supply. 2015, 3, 1-26	29
731	An estimation based allocation rule with super-linear regret and finite lock-on time for time-dependent multi-armed bandit processes. 2015,	
730	Bayesian Incentive-Compatible Bandit Exploration. 2015,	18
729	Online Learning of Nash Equilibria in Congestion Games. 2015, 53, 1056-1081	15
728	Synergies between Evolutionary Algorithms and Reinforcement Learning. 2015,	2
727	Spectral Sparsification and Regret Minimization Beyond Matrix Multiplicative Updates. 2015,	9
726	Robust New Product Pricing. 2015, 34, 864-881	17
725	Greedy-Bayes for Targeted News Dissemination. 2015,	5
724	Weighted Restless Bandit and Its Applications. 2015,	2
723	MyBehavior. 2015,	118

722	Overtaking method based on sand-sifter mechanism: Why do optimistic value functions find optimal solutions in multi-armed bandit problems?. 2015 , 135, 55-65		1
721	Joint Channel Selection and Power Control in Infrastructureless Wireless Networks: A Multiplayer Multiarmed Bandit Framework. 2015 , 64, 4565-4578		27
720	Automated network management and configuration using Probabilistic Trans-Algorithmic Search. 2015 , 76, 275-293		3
719	. 2015 , 33, 910-921		28
718	Feature-Based Dynamic Pricing. <i>SSRN Electronic Journal</i> , 2016 ,	1	14
717	Multi-armed bandits based on a variant of Simulated Annealing. 2016 , 47, 195-212		0
716	Cost-Friendly Differential Privacy for Smart Meters: Exploiting the Dual Roles of the Noise. 2016 , 1-1		56
715	Learning in Auctions: Regret is Hard, Envy is Easy. 2016 ,		11
714	Collaborative learning of stochastic bandits over a social network. 2016 ,		2
713	How Many Workers to Ask?. 2016 ,		7
712	Sequential decision-making in healthcare IoT: Real-time health monitoring, treatments and interventions. 2016 ,		16
711	Shortest Path Routing in Unknown Environments: Is the Adaptive Optimal Strategy Available?. 2016 ,		3
710	Efficient and flexible crowdsourcing of specialized tasks with precedence constraints. 2016 ,		10
709	Distributed cooperative decision-making in multiarmed bandits: Frequentist and Bayesian algorithms. 2016 ,		16
708	Online learning-based clustering approach for news recommendation systems. 2016 ,		7
707	A Robust UCB scheme for active learning in regression from strategic crowds. 2016 ,		2
706	Sequential Learning and Decision-Making in Wireless Resource Management. 2016 ,		5
705	On distributed cooperative decision-making in multiarmed bandits. 2016 ,		11

704	Efficient task assignment for spatial crowdsourcing: A combinatorial fractional optimization approach with semi-bandit learning. 2016 , 58, 36-56		55
703	Bayesian Optimization-based Modular Indirect Adaptive Control for a Class of Nonlinear Systems. 2016 , 49, 253-258		3
702	Natural search algorithms as a bridge between organisms, evolution, and ecology. 2016 , 113, 9413-20		24
701	Online Collaborative Filtering on Graphs. <i>Operations Research</i> , 2016 , 64, 756-769	2.3	9
700	Learning-based modular indirect adaptive control for a class of nonlinear systems. 2016 ,		3
699	Input selection for fast feature engineering. 2016 ,		20
698	Interactive Intent Modeling from Multiple Feedback Domains. 2016 ,		7
697	LinUCB applied to Monte Carlo tree search. 2016 , 644, 114-126		2
696	Gradient-free proximal methods with inexact oracle for convex stochastic nonsmooth optimization problems on the simplex. 2016 , 77, 2018-2034		12
695	Indifference-Zone-Free Selection of the Best. <i>Operations Research</i> , 2016 , 64, 1499-1514	2.3	25
694	A Unified Framework for Optimization Under Uncertainty. 2016 , 45-83		16
693	Risk-Averse Multi-Armed Bandit Problems Under Mean-Variance Measure. 2016 , 10, 1093-1111		26
692	A Non-Stochastic Learning Approach to Energy Efficient Mobility Management. 2016 , 34, 3854-3868		38
691	. 2016 ,		9
690	Three asymptotic regimes for ranking and selection with general sample distributions. 2016 ,		1
689	. 2016 ,		1
688	Mechanisms with learning for stochastic multi-armed bandit problems. 2016 , 47, 229-272		2
687	Multi-armed bandits with application to 5G small cells. 2016 , 23, 64-73		59

686	Adversarial Bandit for online interactive active learning of zero-shot spoken language understanding. 2016 ,		2
685	Noise Free Multi-armed Bandit Game. <i>Lecture Notes in Computer Science</i> , 2016 , 412-423	0.9	
684	Dynamic Information Retrieval Modeling. 2016 , 8, 1-144		5
683	Approximation Algorithms for Stochastic Combinatorial Optimization Problems. 2016 , 4, 1-47		7
682	Toward Optimal Adaptive Wireless Communications in Unknown Environments. <i>IEEE Transactions on Wireless Communications</i> , 2016 , 15, 3655-3667	9.6	11
681	A Superprocess with Upper Confidence Bounds for Cooperative Spectrum Sharing. 2016 , 15, 2939-2953		5
680	Resource Allocation for Statistical Estimation. 2016 , 104, 111-125		3
679	Taking the Human Out of the Loop: A Review of Bayesian Optimization. 2016 , 104, 148-175		1378
678	Taming the Uncertainty: Budget Limited Robust Crowdsensing Through Online Learning. 2016 , 24, 1462-1475		44
677	Efficacy of a causal value function in game tree search. 2017 , 32, 206-217		
676	A cognitive satisficing strategy for bandit problems. 2017 , 32, 232-242		1
675	Stochastic Dual Averaging for Decentralized Online Optimization on Time-Varying Communication Graphs. <i>IEEE Transactions on Automatic Control</i> , 2017 , 62, 6407-6414	5.9	27
674	Stochastic online optimization. Single-point and multi-point non-linear multi-armed bandits. Convex and strongly-convex case. 2017 , 78, 224-234		17
673	Hermes: Latency Optimal Task Assignment for Resource-constrained Mobile Computing. 2017 , 16, 3056-3069		120
672	Finite budget analysis of multi-armed bandit problems. 2017 , 258, 13-29		5
671	Distributed Learning for Stochastic Generalized Nash Equilibrium Problems. 2017 , 65, 3893-3908		39
670	A Learning Approach to Frequent Handover Mitigations in 3GPP Mobility Protocols. 2017 ,		22
669	Distributed User Association in Energy Harvesting Dense Small Cell Networks: A Mean-Field Multi-Armed Bandit Approach. 2017 , 5, 3513-3523		25

668	On Sequential Elimination Algorithms for Best-Arm Identification in Multi-Armed Bandits. 2017 , 65, 4281-4292	11
667	Small Cell Transmit Power Assignment Based on Correlated Bandit Learning. 2017 , 35, 1030-1045	13
666	Efficient Ranking and Selection in Parallel Computing Environments. <i>Operations Research</i> , 2017 , 65, 821-836	37
665	PAC models in stochastic multi-objective multi-armed bandits. 2017 ,	1
664	Towards Health Recommendation Systems: An Approach for Providing Automated Personalized Health Feedback from Mobile Data. 2017 , 519-542	6
663	Online Pricing for Mobile Crowdsourcing with Multi-Minded Users. 2017 ,	15
662	. 2017 ,	1
661	Optimism in the face of uncertainty supported by a statistically-designed multi-armed bandit algorithm. 2017 , 160, 25-32	2
660	Hedging Under Uncertainty: Regret Minimization Meets Exponentially Fast Convergence. <i>Lecture Notes in Computer Science</i> , 2017 , 252-263	0.9 3
659	Learning for serving deadline-constrained traffic in multi-channel wireless networks. 2017 ,	5
658	Load Prediction for Energy-Aware Scheduling for Cloud Computing Platforms. 2017 ,	5
657	An efficient bandit algorithm for general weight assignments. 2017 ,	
656	Finding the Winner of a Hypothesis Test via Sample Allocation Optimization. 2017 , 108, 1040-1049	
655	Kernel-based methods for bandit convex optimization. 2017 ,	14
654	An Efficient Bandit Algorithm for Realtime Multivariate Optimization. 2017 ,	24
653	Learning Online Trends for Interactive Query Auto-Completion. 2017 , 29, 2442-2454	6
652	TARGETED SEQUENTIAL DESIGN FOR TARGETED LEARNING INFERENCE OF THE OPTIMAL TREATMENT RULE AND ITS MEAN REWARD. 2017 , 45, 2537-2564	7
651	No-regret replanning under uncertainty. 2017 ,	2

650	When privacy meets economics: Enabling differentially-private battery-supported meter reporting in smart grid. 2017,	21
649	. 2017,	1
648	. 2017,	2
647	Joint optimization of cognitive RF energy harvesting and channel access using Markovian Multi-Armed Bandit problem. 2017,	5
646	Bio-inspired decision-making and control: From honeybees and neurons to network design. 2017,	2
645	Near-Optimal and Practical Jamming-Resistant Energy-Efficient Cognitive Radio Communications. 2017, 12, 2807-2822	11
644	Multi-armed bandits in multi-agent networks. 2017,	13
643	Extended Formulations for Online Action Selection on Big Action Sets. 2017, 160-168	
642	Dynamic Privacy Pricing: A Multi-Armed Bandit Approach With Time-Variant Rewards. 2017, 12, 271-285	24
641	Risk-aware multi-armed bandit problem with application to portfolio selection. 2017, 4, 171377	7
640	Nonstochastic Multi-Armed Bandits with Graph-Structured Feedback. 2017, 46, 1785-1826	7
639	Risk Control of Best Arm Identification in Multi-armed Bandits via Successive Rejects. 2017,	
638	Dispatching thermostatically controlled loads for frequency regulation using adversarial multi-armed bandits. 2017,	2
637	Combinatorial multi-armed bandit problem with probabilistically triggered arms: A case with bounded regret. 2017,	2
636	Bandit User Selection Algorithm for Budgeted and Time-Limited Mobile Crowdsensing. 2017,	1
635	A sequential elimination approach to value-at-risk and conditional value-at-risk selection. 2017,	0
634	Learn to adapt: Self-optimizing small cell transmit power with correlated bandit learning. 2017,	1
633	Distributed and Adaptive Routing Based on Game Theory. 2017,	1

632	A stochastic multi-armed bandit approach to nonparametric H ₀ estimation. 2017 ,		3
631	Work Capacity of Regulated Freelance Platforms: Fundamental Limits and Decentralized Schemes. 2017 , 25, 3641-3654		2
630	History of seeking better solutions, AKA simulation optimization. 2017 ,		6
629	On Lower Bounds for Statistical Learning Theory. 2017 , 19, 617		4
628	Thompson Sampling for Online Personalized Assortment Optimization Problems with Multinomial Logit Choice Models. <i>SSRN Electronic Journal</i> , 2017 ,	1	9
627	The effect of atomoxetine on random and directed exploration in humans. 2017 , 12, e0176034		37
626	Cognitive management of self-organized radio networks based on multi armed bandit. 2017 ,		1
625	Managing load contract restrictions with online learning. 2017 ,		
624	Online Learning-Assisted VNF Service Chain Scaling with Network Uncertainties. 2017 ,		17
623	Stochastic Selection Problems with Testing. <i>SSRN Electronic Journal</i> , 2017 ,	1	0
622	Optimization through satisficing with prospects. 2017 ,		1
621	Linear Thompson sampling revisited. 2017 , 11,		12
620	Multi-Armed Bandit Learning in IoT Networks: Learning Helps Even in Non-stationary Settings. 2018 , 173-185		17
619	Generalized Global Bandit and Its Application in Cellular Coverage Optimization. 2018 , 12, 218-232		12
618	Accurate Content Push for Content-Centric Social Networks: A Big Data Support Online Learning Approach. 2018 , 2, 426-438		5
617	Bandits with Knapsacks. 2018 , 65, 1-55		17
616	Online Tuning of EASY-Backfilling using Queue Reordering Policies. 2018 , 29, 2304-2316		9
615	Improvements and Generalizations of Stochastic Knapsack and Markovian Bandits Approximation Algorithms. <i>Mathematics of Operations Research</i> , 2018 , 43, 789-812	1.5	7

614	Setpoint Tracking With Partially Observed Loads. 2018 , 33, 5615-5627	10
613	Are bridging ties really advantageous? An experimental test of their advantage in a competitive social learning context. 2018 , 54, 91-100	3
612	. 2018 , 67, 3561-3574	43
611	On minimaxity of Follow the Leader strategy in the stochastic setting. 2018 , 742, 50-65	1
610	Enhancing Reputation via Price Discounts in E-Commerce Systems. 2018 , 12, 1-29	11
609	Data-Driven Configuration of Interference Coordination Parameters in HetNets. 2018 , 67, 5174-5187	6
608	Personalized Menu Optimization with Preference Updater: A Boston Case Study. 2018 , 2672, 599-607	11
607	Spectrometry analysis based on approximation coefficients and deep belief networks. 2018 , 29, 1	8
606	. 2018 , 26, 879-892	2
605	The Multi-Armed Bandit With Stochastic Plays. <i>IEEE Transactions on Automatic Control</i> , 2018 , 63, 2280-2286	10
604	An Online Minimax Optimal Algorithm for Adversarial Multiarmed Bandit Problem. 2018 , 29, 5565-5580	2
603	Gittins index based control policy for a class of pursuit-evasion problems. 2018 , 12, 110-118	1
602	Multi-Armed Bandit for Species Discovery: A Bayesian Nonparametric Approach. 2018 , 113, 455-466	4
601	Learning to Optimize via Information-Directed Sampling. <i>Operations Research</i> , 2018 , 66, 230-252	2.3 14
600	A quality assuring, cost optimal multi-armed bandit mechanism for expertsourcing. 2018 , 254, 44-63	9
599	Scale-free online learning. 2018 , 716, 50-69	4
598	Adversarial Multiarmed Bandit Problems in Gradually Evolving Worlds. 2018 , 305-311	
597	Particle EM for Variable Selection. 2018 , 113, 1684-1697	5

596	Learn and Pick Right Nodes to Offload. 2018,	10
595	Posterior sampling for Monte Carlo planning under uncertainty. 2018, 48, 4998-5018	0
594	GRAPH-BASED RECOMMENDATION SYSTEM. 2018,	7
593	. 2018,	1
592	Learning by Asking Questions. 2018,	10
591	How to Make Envy Vanish Over Time. 2018,	9
590	Asymptotic Optimal Control of Markov-Modulated Restless Bandits. 2018, 2, 1-25	2
589	Social Imitation in Cooperative Multiarmed Bandits: Partition-Based Algorithms with Strictly Local Information. 2018,	3
588	Learning to Bid Without Knowing your Value. 2018,	10
587	Learning and Selecting the Right Customers for Reliability: A Multi-Armed Bandit Approach. 2018,	7
586	Stochastic Multi-path Routing Problem with Non-stationary Rewards. 2018,	1
585	Multi-model optimization with discounted reward and budget constraint. 2018,	
584	. 2018,	0
583	ONLINE OPTIMAL TASK OFFLOADING WITH ONE-BIT FEEDBACK. 2018,	1
582	Combinatorial Online Prediction. 2018,	
581	Regret Bounds and Regimes of Optimality for User-User and Item-Item Collaborative Filtering. 2018,	
580	. 2018,	0
579	Online Network Revenue Management Using Thompson Sampling. <i>Operations Research</i> , 2018, 66, 1586-1602	47

578	A Switch in Time Saves the Dime: A Model to Reduce Rental Cost in Cloud Computing. <i>SSRN Electronic Journal</i> , 2018 ,	1	0
577	Tractable Sampling Strategies for Ordinal Optimization. <i>Operations Research</i> , 2018 , 66, 1693-1712	2.3	5
576	Inventory Balancing with Online Learning. <i>SSRN Electronic Journal</i> , 2018 ,	1	
575	Global Bandits. 2018 , 29, 5798-5811		5
574	Efficient Beam Alignment in Millimeter Wave Systems Using Contextual Bandits. 2018 ,		58
573	Selling to a No-Regret Buyer. 2018 ,		4
572	QoE Aware and Cell Capacity Enhanced Computation Offloading for Multi-Server Mobile Edge Computing Systems with Energy Harvesting Devices. 2018 ,		3
571	Emotion and Memory Model to Promote Mathematics Learning - An Exploratory Long-term Study. 2018 ,		6
570	A Knowledge Gradient Policy for Sequencing Experiments to Identify the Structure of RNA Molecules Using a Sparse Additive Belief Model. 2018 , 30, 750-767		1
569	An Online Kernel Selection Wrapper via Multi-Armed Bandit Model. 2018 ,		
568	Multi-armed Bandit Based Hyper-Heuristics for the Permutation Flow Shop Problem. 2018 ,		4
567	Boundary Crossing Probabilities for General Exponential Families. 2018 , 27, 1-31		1
566	When Robot Personalisation Does Not Help: Insights from a Robot-Supported Learning Study. 2018 ,		13
565	Stochastic bandits robust to adversarial corruptions. 2018 ,		13
564	Learning Proportionally Fair Allocations with Low Regret. 2018 , 2, 1-31		
563	Low-Complexity, Low-Regret Link Rate Selection in Rapidly-Varying Wireless Channels. 2018 ,		17
562	When Will Workers Follow an Algorithm?: A Field Experiment with a Retail Business. <i>SSRN Electronic Journal</i> , 2018 ,	1	
561	Reassessing the proper place of man and machine in translation: a pre-translation scenario. 2018 , 32, 279-308		3

560	Reinforcement learning for control: Performance, stability, and deep approximators. 2018 , 46, 8-28		100
559	. 2018 , 6, 46419-46494		31
558	Small Cell Power Assignment with Unimodal Continuum-Armed Bandit Learning. 2018 ,		1
557	Regional Multi-Armed Bandits With Partial Informativeness. 2018 , 66, 5705-5717		7
556	A note on a tight lower bound for capacitated MNL-bandit assortment selection models. 2018 , 46, 534-537		13
555	A Non-Stationary Online Learning Approach to Mobility Management. 2018 ,		2
554	Spectral MAB for Unknown Graph Processes. 2018 ,		
553	Network-Model-Based vs. Network-Model-Free Approaches to Internet Congestion Control. 2018 ,		1
552	Dynamic Privacy Pricing. 2018 , 89-118		
551	Multi-objective Contextual Multi-armed Bandit With a Dominant Objective. 2018 , 66, 3799-3813		16
550	Quality-Aware Pricing for Mobile Crowdsensing. 2018 , 26, 1728-1741		42
549	Linear UCB for Online SON Management. 2018 ,		1
548	Can Machine Learning Techniques Provide Better Learning Support for Elderly People?. <i>Lecture Notes in Computer Science</i> , 2018 , 178-187	0.9	1
547	SpecWatch: A framework for adversarial spectrum monitoring with unknown statistics. 2018 , 143, 176-190		3
546	Dynamic Joint Assortment and Pricing Optimization With Demand Learning. <i>SSRN Electronic Journal</i> , 2018 ,	1	1
545	Learning to Rank and Discover for E-Commerce Search. <i>Lecture Notes in Computer Science</i> , 2018 , 331-346.	0.9	0
544	A Tutorial on Thompson Sampling. <i>Foundations and Trends in Machine Learning</i> , 2018 , 11, 1-96	32.9	152
543	An Analysis of the Value of Information When Exploring Stochastic, Discrete Multi-Armed Bandits. 2018 , 20,		3

542	A Bayesian network based solution scheme for the constrained Stochastic On-line Equi-Partitioning Problem. 2018 , 48, 3735-3747		1
541	Learning Algorithms for Minimizing Queue Length Regret. 2018 ,		8
540	Gradient-Free Two-Point Methods for Solving Stochastic Nonsmooth Convex Optimization Problems with Small Non-Random Noises. 2018 , 79, 1399-1408		5
539	Aggregation of multi-armed bandits learning algorithms for opportunistic spectrum access. 2018 ,		2
538	Learning Algorithms for Scheduling in Wireless Networks with Unknown Channel Statistics. 2018 ,		6
537	Strategic Conversations Under Imperfect Information: Epistemic Message Exchange Games. 2018 , 27, 343-385		4
536	Learning-based iterative modular adaptive control for nonlinear systems. 2019 , 33, 335-355		6
535	Trust-Based Collaborative Privacy Management in Online Social Networks. 2019 , 14, 48-60		26
534	A unified framework for stochastic optimization. 2019 , 275, 795-821		79
533	Bandit Convex Optimization for Scalable and Dynamic IoT Management. <i>IEEE Internet of Things Journal</i> , 2019 , 6, 1276-1286	10.7	42
532	A computational approach to managing coupled human-environmental systems: the POSEIDON model of ocean fisheries. 2019 , 14, 259-275		18
531	Differentially Private Mechanisms for Budget Limited Mobile Crowdsourcing. 2019 , 18, 934-946		9
530	Bayesian Uncertainty Directed Trial Designs. 2019 , 114, 962-974		6
529	MAB-based two-tier learning algorithms for joint channel and power allocation in stochastic underwater acoustic communication networks. 2019 , 23, 7181-7192		1
528	Asymptotically Optimal Contextual Bandit Algorithm Using Hierarchical Structures. 2019 , 30, 923-937		1
527	. 2019 , 29, 2112-2125		8
526	Optimal Rate Sampling in 802.11 Systems: Theory, Design, and Implementation. 2019 , 18, 1145-1158		17
525	Bandits with Global Convex Constraints and Objective. <i>Operations Research</i> , 2019 , 67, 1486-1502	2.3	2

524	Bootstrap Thompson Sampling and Sequential Decision Problems in the Behavioral Sciences. 2019 , 9, 215824401985167	8
523	Distributed Emergent Software: Assembling, Perceiving and Learning Systems at Scale. 2019 ,	3
522	BLOT: Bandit Learning-Based Offloading of Tasks in Fog-Enabled Networks. 2019 , 30, 2636-2649	15
521	Universal Best Arm Identification. 2019 , 67, 4464-4478	5
520	Energy-Aware Task Allocation for Mobile IoT by Online Reinforcement Learning. 2019 ,	6
519	Maintenance Interval Adjustment by Applying the Bandit Algorithm. 2019 ,	
518	Intelligent Adjustment of Game Properties at Run Time Using Multi-armed Bandits. 2019 , 8, 143-156	2
517	Online Distributed Analytics at the Edge with Multiple Service Grades. 2019 ,	
516	Contextual bandits with hidden contexts: a focused data capture from social media streams. 2019 , 33, 1853-1893	
515	Entropic Regularization of Markov Decision Processes. 2019 , 21,	3
514	Mobile Crowdsensing. 2019 , 5-16	
513	Delay-Optimal Task Offloading for Dynamic Fog Networks. 2019 ,	7
512	Dynamic Pricing and Learning: An Application of Gaussian Process Regression. <i>SSRN Electronic Journal</i> , 2019 ,	1
511	Fast Reconfigurable Antenna State Selection with Hierarchical Thompson Sampling. 2019 ,	5
510	A Fast Beam Searching Scheme in mmWave Communications for High-Speed Trains. 2019 ,	9
509	Heuristic-Q: A Privacy Data Pricing Method Based on Heuristic Reinforcement Learning. <i>Lecture Notes in Computer Science</i> , 2019 , 553-565	0.9 3
508	Seeker. 2019 ,	0
507	Learning Frameworks for Dynamic Joint RF Energy Harvesting and Channel Access. 2019 , 7, 84524-84535	1

506	Conservative Exploration for Semi-Bandits with Linear Generalization: A Product Selection Problem for Urban Warehouses. <i>SSRN Electronic Journal</i> , 2019 ,	1
505	Recent Advances in Multiarmed Bandits for Sequential Decision Making. 2019 , 167-188	3
504	Optimal ExplorationExploitation in a Multi-armed Bandit Problem with Non-stationary Rewards. 2019 , 9, 319-337	13
503	Secure Mobile Edge Computing in IoT via Collaborative Online Learning. 2019 , 67, 5922-5935	17
502	Online Learning for Measuring Incentive Compatibility in Ad Auctions?. 2019 ,	4
501	Learning to Control Renewal Processes with Bandit Feedback. 2019 , 3, 1-32	2
500	Toward Optimal Adaptive Online Shortest Path Routing With Acceleration Under Jamming Attack. 2019 , 27, 1815-1829	7
499	Carousel Ads Optimization in Yahoo Gemini Native. 2019 ,	0
498	Scaling Multi-Armed Bandit Algorithms. 2019 ,	3
497	Multi-User Multi-Armed Bandits for Uncoordinated Spectrum Access. 2019 ,	6
496	Multi-Player Multi-Armed Bandits for Stable Allocation in Heterogeneous Ad-Hoc Networks. 2019 , 37, 2350-2363	14
495	Social Learning and the Innkeeper's Challenge. 2019 ,	
494	Decentralized Spectrum Learning for IoT Wireless Networks Collision Mitigation. 2019 ,	5
493	Bayesian Exploration with Heterogeneous Agents. 2019 ,	4
492	Collaboratively Learning the Best Option on Graphs, Using Bounded Local Memory. 2019 ,	1
491	MNL-Bandit: A Dynamic Learning Approach to Assortment Selection. <i>Operations Research</i> , 2019 , 67, 1453-1485	25
490	. 2019 , 21, 1762-1777	13
489	Adaptive Learning-Based Task Offloading for Vehicular Edge Computing Systems. 2019 , 68, 3061-3074	119

488	CBA: Contextual Quality Adaptation for Adaptive Bitrate Video Streaming. 2019,	2
487	Link Rate Selection using Constrained Thompson Sampling. 2019,	10
486	Online Channel-state Clustering And Multiuser Capacity Learning For Wireless Scheduling. 2019,	2
485	Distributed Learning and Optimal Assignment in Multiplayer Heterogeneous Networks. 2019,	12
484	A Collaborative Learning Based Approach for Parameter Configuration of Cellular Networks. 2019,	7
483	Optimal Learning for Dynamic Coding in Deadline-Constrained Multi-Channel Networks. 2019, 27, 1043-1054	2
482	Application of Machine Learning in Wireless Networks: Key Techniques and Open Issues. 2019, 21, 3072-3108	188
481	Democratizing Data Science through Interactive Curation of ML Pipelines. 2019,	21
480	OWLS: Opportunistic Wireless Link Scheduling with SINR Constraints. <i>Lecture Notes in Computer Science, 2019, 419-431</i>	0.9 0
479	May AI?. 2019,	24
478	Bus transit network design with uncertainties on the basis of a metro network: A two-step model framework. 2019, 126, 115-138	20
477	Dual Graph Attention Networks for Deep Latent Representation of Multifaceted Social Effects in Recommender Systems. 2019,	61
476	Derivative-free optimization methods. 2019, 28, 287-404	92
475	Optimal Learning for Urban Delivery Fleet Allocation. 2019, 53, 623-641	8
474	Adversarial Multi-user Bandits for Uncoordinated Spectrum Access. 2019,	3
473	. 2019, 21, 2849-2885	51
472	. 2019, 67, 2987-3000	10
471	Guaranteed satisficing and finite regret: Analysis of a cognitive satisficing value function. 2019, 180, 46-53	4

470	A practical approach to sample size calculation for fixed populations. 2019 , 14, 100339		1
469	Online Learning for Position-Aided Millimeter Wave Beam Training. 2019 , 7, 30507-30526		47
468	Meta-inductive prediction based on Attractivity Weighting: Mathematical and empirical performance evaluation. 2019 , 89, 13-30		7
467	Collaborative Spatial Reuse in wireless networks via selfish Multi-Armed Bandits. 2019 , 88, 129-141		24
466	A Non-Stationary Online Learning Approach to Mobility Management. <i>IEEE Transactions on Wireless Communications</i> , 2019 , 18, 1434-1446	9.6	10
465	Kernel-based Multi-Task Contextual Bandits in Cellular Network Configuration. 2019 ,		2
464	Efficient Decision Making under Uncertainty in a Power System Investment Problem. 2019 ,		
463	Spectrum Sensing Across Multiple Service Providers: A Discounted Thompson Sampling Method. 2019 , 23, 2402-2406		6
462	SeqScout: Using a Bandit Model to Discover Interesting Subgroups in Labeled Sequences. 2019 ,		3
461	GNU Radio Implementation of MALIN: Multi-Armed bandits Learning for Internet-of-things Networks. 2019 ,		3
460	Upper-Confidence Bound for Channel Selection in LPWA Networks with Retransmissions. 2019 ,		1
459	Online Kernel Selection via Grouped Adversarial Bandit Model. 2019 ,		
458	. 2019 ,		0
457	A TDRL Model for the Emotion of Regret. 2019 ,		2
456	Handover Mitigation in Dense HetNets via Bandit Arm Elimination. 2019 ,		2
455	Modeling and optimization of Human-Machine Interaction Processes via the Maximum Entropy Principle. 2019 ,		2
454	Collaborative Learning with Limited Interaction: Tight Bounds for Distributed Exploration in Multi-armed Bandits. 2019 ,		1
453	. 2019 ,		0

452	Recurrent Network and Multi-arm Bandit Methods for Multi-task Learning without Task Specification. 2019 ,	
451	OPQR: Online Pricing and Quality Requesting for Mobile Crowd Sensing. 2019 ,	1
450	Automating Deep Neural Network Model Selection for Edge Inference. 2019 ,	3
449	Dimensionality Reduction for Low-Latency High-Throughput Fraud Detection on Datastreams. 2019	
448	. 2019 ,	
447	On Monte-Carlo tree search for deterministic games with alternate moves and complete information. 2019 , 23, 176-216	1
446	Quasi-Stochastic Approximation and Off-Policy Reinforcement Learning. 2019 ,	3
445	Mistake bounds on the noise-free multi-armed bandit game. 2019 , 269, 104453	0
444	Offline Simulation Online Application: A New Framework of Simulation-Based Decision Making. 2019 , 36, 1940015	5
443	EdgeLaaS: Edge Learning as a Service for Knowledge-Centric Connected Healthcare. 2019 , 33, 37-43	20
442	Intelligent Caching Algorithms in Heterogeneous Wireless Networks with Uncertainty. 2019 ,	3
441	Adversarial Influence Maximization. 2019 ,	1
440	Rethinking search engines and recommendation systems. 2019 , 62, 66-75	7
439	Multi-Armed Bandits: Theory and Applications to Online Learning in Networks. 2019 , 12, 1-165	7
438	Bibliography. 2019 , 601-605	
437	Search as a simple take-the-best heuristic. 2019 , 6, 190529	1
436	Interactions Between Learning and Broadcasting in Wireless Recommendation Systems. 2019 ,	2
435	An optimal bidimensional multi-armed bandit auction for multi-unit procurement. 2019 , 85, 1-19	

434	Algorithms for Online Influencer Marketing. 2019 , 13, 1-30		10
433	Concentration bounds for empirical conditional value-at-risk: The unbounded case. 2019 , 47, 16-20		5
432	Mirror Descent and Constrained Online Optimization Problems. 2019 , 64-78		3
431	Learning algorithms for scheduling in wireless networks with unknown channel statistics. 2019 , 85, 131-144		9
430	A Perspective on Incentive Design: Challenges and Opportunities. 2019 , 2, 305-338		6
429	Explore First, Exploit Next: The True Shape of Regret in Bandit Problems. <i>Mathematics of Operations Research</i> , 2019 , 44, 377-399	1.5	61
428	A Distributed Online Pricing Strategy for Demand Response Programs. 2019 , 10, 350-360		32
427	Learning in games with continuous action sets and unknown payoff functions. 2019 , 173, 465-507		29
426	Analysis of Hannan consistent selection for Monte Carlo tree search in simultaneous move games. 2020 , 109, 1-50		3
425	Online Optimization Using Zeroth Order Oracles. 2020 , 4, 31-36		5
424	Bandwidth and Storage Efficient Caching Based on Dynamic Programming and Reinforcement Learning. 2020 , 9, 206-209		3
423	Spectrum Sharing Among Rapidly Deployable Small Cells: A Hybrid Multi-Agent Approach. <i>IEEE Transactions on Wireless Communications</i> , 2020 , 19, 395-409	9.6	1
422	New bounds on the price of bandit feedback for mistake-bounded online multiclass learning. 2020 , 808, 159-163		1
421	Adaptive policies for perimeter surveillance problems. 2020 , 283, 265-278		1
420	Jamsa: A Utility Optimal Contextual Online Learning Framework for Anti-Jamming Wireless Scheduling Under Reactive Jamming Attack. 2020 , 7, 1862-1878		3
419	Combinatorial Sleeping Bandits With Fairness Constraints. 2020 , 7, 1799-1813		7
418	Gaussian Data-Aided Sensing With Multichannel Random Access and Model Selection. <i>IEEE Internet of Things Journal</i> , 2020 , 7, 2412-2420	10.7	4
417	Posterior Sampling for Anytime Motion Planning on Graphs with Expensive-to-Evaluate Edges. 2020 ,		1

416	QTAcel: A Generic FPGA based Design for Q-Table based Reinforcement Learning Accelerators. 2020,		3
415	Throughput Maximization in Uncooperative Spectrum Sharing Networks. 2020, 28, 2517-2530		1
414	Optimal Frequency and Rate Selection Using Unimodal Objective Based Thompson Sampling Algorithm. 2020,		1
413	Learning in multi-agent systems with asymmetric information structure. 2020, 412, 351-359		0
412	Cost-Aware Cascading Bandits. 2020, 68, 3692-3706		3
411	A reliability-aware multi-armed bandit approach to learn and select users in demand response. 2020, 119, 109015		5
410	Approximate Bayesian Inference. 2020, 22,		2
409	Task recommendation in crowdsourcing systems: A bibliometric analysis. 2020, 63, 101337		9
408	. 2020,		3
407	A/B Testing with Fat Tails. 2020, 128, 4614-000		8
406	Multi-Armed Bandit-Based Client Scheduling for Federated Learning. <i>IEEE Transactions on Wireless Communications</i> , 2020, 19, 7108-7123	9.6	48
405	Hyper-heuristics using multi-armed bandit models for multi-objective optimization. 2020, 95, 106520		3
404	Robust Pricing Mechanism for Resource Sustainability Under Privacy Constraint in Competitive Online Learning Multi-Agent Systems. 2020,		0
403	Contextual Multi-armed Bandit Based Pricing Scheme for Cooperative D2D Communications. 2020,		1
402	Polynomial-Time Algorithms for Multiple-Arm Identification with Full-Bandit Feedback. 2020, 32, 1733-1773		
401	An Adversarial Model for Scheduling with Testing. 2020, 82, 3630-3675		10
400	Dynamic Pricing and Placement for Distributed Machine Learning Jobs. 2020,		0
399	Bandit-Based Relay Selection in Cooperative Networks Over Unknown Stationary Channels. 2020,		4

398	Undiscounted bandit games. 2020 , 124, 43-61		1
397	MAMBA: A Multi-armed Bandit Framework for Beam Tracking in Millimeter-wave Systems. 2020 ,		14
396	. 2020 ,		1
395	Decentralized Zeroth-Order Constrained Stochastic Optimization Algorithms: Frank-Wolfe and Variants With Applications to Black-Box Adversarial Attacks. 2020 , 108, 1890-1905		5
394	Online reinforcement learning for adaptive interference coordination. 2020 , 31, e4087		4
393	Decentralized spectrum learning for radio collision mitigation in ultra-dense IoT networks: LoRaWAN case study and experiments. 2020 , 75, 711-727		2
392	Model-Free Primal-Dual Methods for Network Optimization with Application to Real-Time Optimal Power Flow. 2020 ,		1
391	Robust Dynamic Spectrum Access in Adversarial Environments. 2020 ,		0
390	Optimistic Monte Carlo Tree Search with Sampled Information Relaxation Dual Bounds. <i>Operations Research</i> , 2020 , 68, 1678-1697	2.3	2
389	Deep Reinforcement Learning for Wireless Network. 2020 , 51-71		0
388	Deep Reinforcement Learning based Wireless Network Optimization: A Comparative Study. 2020 ,		6
387	Cost risk analysis for instance recommendation in a sustainable Cloud-cyber-physical system framework. 2020 , 51, 2317		
386	Intra- and Inter-Server Smart Task Scheduling for Profit and Energy Optimization of HPC Data Centers. 2020 , 10, 32		2
385	Reconfigurable and Computationally Efficient Architecture for Multi-Armed Bandit Algorithms. 2020 ,		
384	Incentive mechanisms for mobile data offloading through operator-owned WiFi access points. 2020 , 174, 107226		2
383	Dynamic Assortment Personalization in High Dimensions. <i>Operations Research</i> , 2020 , 68, 1020-1037	2.3	9
382	UNDERSTANDING DOCTOR DECISION MAKING: THE CASE OF DEPRESSION TREATMENT. 2020 , 88, 847-878		8
381	Beam Alignment and Tracking for Millimeter Wave Communications via Bandit Learning. <i>IEEE Transactions on Communications</i> , 2020 , 68, 5519-5533	6.9	19

380	Agent-based modelling as a tool for elephant poaching mitigation. 2020 , 427, 109054	2
379	Contextual Bandit-Based Sequential Transit Route Design under Demand Uncertainty. 2020 , 2674, 613-625	4
378	Linear Thompson Sampling Under Unknown Linear Constraints. 2020 ,	0
377	Self-accelerated Thompson sampling with near-optimal regret upper bound. 2020 , 399, 37-47	2
376	. 2020 , 1-1	12
375	Randomized allocation with nonparametric estimation for contextual multi-armed bandits with delayed rewards. 2020 , 164, 108818	2
374	Differentially Private and Budget-Limited Bandit Learning over Matroids. 2020 , 32, 790-804	
373	Optimizing Dynamic Pricing Demand Response Algorithm Using Reinforcement Learning in Smart Grid. 2020 ,	
372	. 2020 , 27, 24-30	34
371	Multi-Agent Thompson Sampling for Bandit Applications with Sparse Neighbourhood Structures. 2020 , 10, 6728	1
370	A Near-Optimal Change-Detection Based Algorithm for Piecewise-Stationary Combinatorial Semi-Bandits. 2020 , 34, 6933-6940	0
369	Preface. 2020 , xiii-xiv	
368	Bandits, Probability and Concentration. 2020 , 1-2	
367	Introduction. 2020 , 3-11	
366	Foundations of Probability. 2020 , 12-35	
365	Stochastic Processes and Markov Chains. 2020 , 36-44	
364	Stochastic Bandits. 2020 , 45-59	
363	Concentration of Measure. 2020 , 60-72	

- 362 Stochastic Bandits with Finitely Many Arms. **2020**, 73-74
- 361 The Explore-Then-Commit Algorithm. **2020**, 75-83
- 360 The Upper Confidence Bound Algorithm. **2020**, 84-96
- 359 The Upper Confidence Bound Algorithm: Asymptotic Optimality. **2020**, 97-102
- 358 The Upper Confidence Bound Algorithm: Minimax Optimality. **2020**, 103-111
- 357 The Upper Confidence Bound Algorithm: Bernoulli Noise. **2020**, 112-122
- 356 Adversarial Bandits with Finitely Many Arms. **2020**, 123-126
- 355 The Exp3 Algorithm. **2020**, 127-141
- 354 The Exp3-IX Algorithm. **2020**, 142-152
- 353 Lower Bounds for Bandits with Finitely Many Arms. **2020**, 153-154
- 352 Lower Bounds: Basic Ideas. **2020**, 155-159
- 351 Foundations of Information Theory. **2020**, 160-169
- 350 Minimax Lower Bounds. **2020**, 170-176
- 349 Instance-Dependent Lower Bounds. **2020**, 177-184
- 348 High-Probability Lower Bounds. **2020**, 185-190
- 347 Contextual and Linear Bandits. **2020**, 191-192
- 346 Contextual Bandits. **2020**, 193-204
- 345 Stochastic Linear Bandits. **2020**, 205-218

- 344 Confidence Bounds for Least Squares Estimators. **2020**, 219-230
- 343 Optimal Design for Least Squares Estimators. **2020**, 231-235
- 342 Stochastic Linear Bandits with Finitely Many Arms. **2020**, 236-239
- 341 Stochastic Linear Bandits with Sparsity. **2020**, 240-249
- 340 Minimax Lower Bounds for Stochastic Linear Bandits. **2020**, 250-257
- 339 Asymptotic Lower Bounds for Stochastic Linear Bandits. **2020**, 258-264
- 338 Adversarial Linear Bandits. **2020**, 265-266
- 337 Foundations of Convex Analysis. **2020**, 267-277
- 336 Exp3 for Adversarial Linear Bandits. **2020**, 278-285
- 335 Follow-the-regularised-Leader and Mirror Descent. **2020**, 286-305
- 334 The Relation between Adversarial and Stochastic Linear Bandits. **2020**, 306-312
- 333 Other Topics. **2020**, 313-316
- 332 Combinatorial Bandits. **2020**, 317-330
- 331 Non-stationary Bandits. **2020**, 331-339
- 330 Ranking. **2020**, 340-352
- 329 Pure Exploration. **2020**, 353-368
- 328 Foundations of Bayesian Learning. **2020**, 369-385
- 327 Bayesian Bandits. **2020**, 386-403

326	Thompson Sampling. 2020 , 404-420		
325	Beyond Bandits. 2020 , 421-422		
324	Partial Monitoring. 2020 , 423-451		
323	Markov Decision Processes. 2020 , 452-483		
322	Bibliography. 2020 , 484-512		
321	Index. 2020 , 513-518		
320	Adaptive Matching for Expert Systems with Uncertain Task Types. <i>Operations Research</i> , 2020 , 68, 1403-1424	2	
319	Bayesian Contextual Bandits for Hyper Parameter Optimization. 2020 , 8, 42971-42979		4
318	Sequential decision-making in mining and processing based on geometallurgical inputs. 2020 , 149, 106262		3
317	. 2020 , 66, 1607-1624		5
316	Dimensionality reduction for multi-criteria problems: An application to the decommissioning of oil and gas installations. 2020 , 148, 113236		5
315	Low-Complexity Methods for Estimation After Parameter Selection. 2020 , 68, 1152-1167		3
314	On strict sub-Gaussianity, optimal proxy variance and symmetry for bounded random variables. 2020 , 24, 39-55		3
313	Distributed learning dynamics of Multi-Armed Bandits for edge intelligence. 2021 , 114, 101919		4
312	From reactive towards anticipatory fishing agents. 2021 , 15, 23-37		1
311	LACO: A Latency-Driven Network Slicing Orchestration in Beyond-5G Networks. <i>IEEE Transactions on Wireless Communications</i> , 2021 , 20, 667-682	9.6	6
310	Online Learning over a Finite Action Set with Limited Switching. <i>Mathematics of Operations Research</i> , 2021 , 46, 179-203	1.5	
309	Anytime mining of sequential discriminative patterns in labeled sequences. 2021 , 63, 439-476		1

308	Functional Sequential Treatment Allocation. 2021 , 1-13		0
307	An online algorithm for the risk-aware restless bandit. 2021 , 290, 622-639		3
306	Privacy-Preserving Collaborative Learning for Multiarmed Bandits in IoT. <i>IEEE Internet of Things Journal</i> , 2021 , 8, 3276-3286	10.7	10
305	Learning Unknown Service Rates in Queues: A Multiarmed Bandit Approach. <i>Operations Research</i> , 2021 , 69, 315-330	2.3	7
304	Stability Analysis of Communication System Under Certain Session Arrival Rate. 2021 , 748-758		
303	Dynamic allocation optimization in A/B tests using classification-based preprocessing. 2021 , 1-1		0
302	Toward Intelligent Reconfigurable Wireless Physical Layer (PHY). 2021 , 2, 226-240		1
301	The closed loop between opinion formation and personalised recommendations. 2021 , 1-1		0
300	Intelligent Task Caching in Edge Cloud via Bandit Learning. 2021 , 8,		7
299	Memory-Constrained No-Regret Learning in Adversarial Multi-Armed Bandits. 2021 , 69, 2371-2382		1
298	Experiments, Longitudinal Studies, and Sequential Experimentation: How Using Intermediate Results Can Help Design Experiments. 2021 , 121-149		
297	Zeroth-Order Algorithms for Smooth Saddle-Point Problems. 2021 , 71-85		3
296	Ensemble Wrapper Subsampling for Deep Modulation Classification. 2021 , 1-1		1
295	Low-Regret Algorithms for Strategic Buyers with Unknown Valuations in Repeated Posted-Price Auctions. <i>Lecture Notes in Computer Science</i> , 2021 , 416-436	0.9	
294	Learning-Based Control Policy and Regret Analysis for Online Quadratic Optimization With Asymmetric Information Structure. 2021 , PP,		
293	Auto-Tuning for Cellular Scheduling Through Bandit-Learning and Low-Dimensional Clustering. 2021 , 1-15		0
292	Multi-Player Multi-Armed Bandits With Collision-Dependent Reward Distributions. 2021 , 69, 4385-4402		1
291	Reinforcement Learning. 2021 , 399-430		

290	Multi-Armed Bandit Regularized Expected Improvement for Efficient Global Optimization of Expensive Computer Experiments With Low Noise. 2021 , 9, 100125-100140		0
289	Learning-based decentralized offloading decision making in an adversarial environment. 2021 , 1-1		0
288	Adaptive Treatment Assignment in Experiments for Policy Choice. 2021 , 89, 113-132		5
287	ONETS: Online Network Slice Broker From Theory to Practice. <i>IEEE Transactions on Wireless Communications</i> , 2021 , 1-1	9.6	1
286	Beam Drift in Millimeter Wave Links: Beamwidth Tradeoffs and Learning Based Optimization. <i>IEEE Transactions on Communications</i> , 2021 , 1-1	6.9	2
285	Learning to Cache and Caching to Learn: Regret Analysis of Caching Algorithms. 2021 , 1-14		1
284	Nonasymptotic sequential tests for overlapping hypotheses applied to near-optimal arm identification in bandit models. 2021 , 40, 61-96		3
283	Cascaded Algorithm Selection with Extreme-Region UCB Bandit. 2021 , PP,		
282	Bernoulli multi-armed bandit problem under delayed feedback. 2021 , 20-26		2
281	The dynamics of explore-exploit decisions reveal a signal-to-noise mechanism for random exploration. 2021 , 11, 3077		2
280	A Novel Approach to Address External Validity Issues in Fault Prediction Using Bandit Algorithms. 2021 , E104.D, 327-331		1
279	Reinforcement Learning Approaches in Social Robotics. 2021 , 21,		13
278	Response-adaptive trial designs with accelerated Thompson sampling. 2021 , 20, 645-656		1
277	. 2021 , 29, 465-478		7
276	Earning and Learning with Varying Cost. <i>Production and Operations Management</i> , 2021 , 30, 2379	3.6	
275	Efficient subspace search in data streams. 2021 , 97, 101705		2
274	Matching While Learning. <i>Operations Research</i> , 2021 , 69, 655-681	2.3	5
273	Distributed cooperative decision making in multi-agent multi-armed bandits. 2021 , 125, 109445		3

272	Zeroth-Order Nonconvex Stochastic Optimization: Handling Constraints, High Dimensionality, and Saddle Points. 1			4
271	To update or not to update? Delayed nonparametric bandits with randomized allocation. 2021 , 10, e366			
270	Learning Algorithms for Minimizing Queue Length Regret. 2021 , 67, 1759-1781			3
269	Palette: Towards Multi-source Model Selection and Ensemble for Reuse. 2021 ,			1
268	Federated-Learning-Based Client Scheduling for Low-Latency Wireless Communications. 2021 , 28, 32-38			6
267	Learning to Schedule Network Resources Throughput and Delay Optimally Using Q+-Learning. 2021 , 29, 750-763			3
266	Local Clustering in Contextual Multi-Armed Bandits. 2021 ,			2
265	Batched Learning in Generalized Linear Contextual Bandits with General Decision Sets. 2021 ,			
264	Optimal Policy for Dynamic Assortment Planning Under Multinomial Logit Models. <i>Mathematics of Operations Research</i> ,	1.5		0
263	Dynamic Spectrum Access Using Stochastic Multi-User Bandits. 2021 , 10, 953-956			2
262	. 2021 ,			1
261	A Unified Approach to Translate Classical Bandit Algorithms to Structured Bandits. 2021 ,			
260	mmWave Beam Steering with Hierarchical Optimal Sampling for Unimodal Bandits. 2021 ,			1
259	One for All and All for One: Distributed Learning of Fair Allocations With Multi-Player Bandits. 2021 , 2, 584-598			0
258	. 2021 , 67, 4197-4222			0
257	The complexity of constrained min-max optimization. 2021 ,			5
256	Quantile Multi-Armed Bandits: Optimal Best-Arm Identification and a Differentially Private Scheme. 2021 , 2, 534-548			1
255	Time Saving Students Formative Assessment: Algorithm to Balance Number of Tasks and Result Reliability. 2021 , 11, 6048			2

254	Bandit-Based Power Control in Full-Duplex Cooperative Relay Networks. 2021 ,	2
253	Kernel-based Methods for Bandit Convex Optimization. 2021 , 68, 1-35	
252	Ballooning multi-armed bandits. 2021 , 296, 103485	
251	On testing transitivity in online preference learning. 2021 , 110, 2063-2084	
250	Dominant strategy truthful, deterministic multi-armed bandit mechanisms with logarithmic regret for sponsored search auctions. 1	
249	Asynchronous parallel Bayesian optimization for AI-driven cloud laboratories. 2021 , 37, i451-i459	1
248	A Regret Analysis of Bilateral Trade. 2021 ,	2
247	A revised approach for risk-averse multi-armed bandits under CVaR criterion. 2021 , 49, 465-472	3
246	Multi-armed bandits for bid shading in first-price real-time bidding auctions. 2021 , 1-15	
245	Channel selection observation period length analysis under different channel service rates. 2021 , 27, 4451-4459	
244	Improving demand-response scheme in smart grids using reinforcement learning.	0
243	Online-Learning-Based Defense Against Jamming Attacks in Multichannel Wireless CPS. <i>IEEE Internet of Things Journal</i> , 2021 , 8, 13278-13290	10.7 1
242	Personalized optimization with user feedback. 2021 , 131, 109767	2
241	Online Debiasing for Adaptively Collected High-dimensional Data with Applications to Time Series Analysis. 1-38	2
240	Multi-armed bandit with sub-exponential rewards. 2021 , 49, 728-733	0
239	An Integration of Online Learning and Online Control for Green Offloading in Fog-Assisted IoT Systems. 2021 , 5, 1632-1646	0
238	Emotion and memory model for social robots: a reinforcement learning based behaviour selection. 1-27	0
237	Online learning: A comprehensive survey. 2021 , 459, 249-289	25

236	Batched Learning in Generalized Linear Contextual Bandits With General Decision Sets. 2022 , 6, 37-42		0
235	Parallelizing Subgradient Methods for the Lagrangian Dual in Stochastic Mixed-Integer Programming. 2021 , 3, 1-22		
234	Observation Period Length for Channel Selection. 2021 , 477-484		
233	Queue Regret Analysis Under Fixed Arrival Rate and Fixed Service Rates. 2021 , 557-567		
232	Trading Utility and Uncertainty: Applying the Value of Information to Resolve the Exploration Exploitation Dilemma in Reinforcement Learning. 2021 , 557-610		
231	Adaptive Algorithmic Behavior for Solving Mixed Integer Programs Using Bandit Algorithms. 2019 , 513-519		1
230	Optimizing mHealth Interventions with a Bandit. <i>Studies in Neuroscience, Psychology and Behavioral Economics</i> , 2019 , 277-291	1.8	10
229	Dynamic Pricing Using Thompson Sampling with Fuzzy Events. 2020 , 653-666		1
228	Ensemble Learning, Social Choice and Collective Intelligence. <i>Lecture Notes in Computer Science</i> , 2020 , 53-65	0.9	1
227	OnPlan: A Framework for Simulation-Based Online Planning. <i>Lecture Notes in Computer Science</i> , 2016 , 1-30	0.9	6
226	Locality-Sensitive Linear Bandit Model for Online Social Recommendation. <i>Lecture Notes in Computer Science</i> , 2016 , 80-90	0.9	1
225	Parallel Ranking and Selection. 2017 , 249-275		13
224	Large-Scale Bandit Approaches for Recommender Systems. <i>Lecture Notes in Computer Science</i> , 2017 , 811-821	0.9	5
223	Parallel Gaussian Process Optimization with Upper Confidence Bound and Pure Exploration. <i>Lecture Notes in Computer Science</i> , 2013 , 225-240	0.9	33
222	Building Intelligent Integrated Development Environment for IoT in the Context of Statistical Modeling for Software Source Code. 2021 , 95-115		5
221	Bandit Algorithms. 2020 ,		113
220	Search as a simple take-the-best heuristic.		1
219	Statistically Model Checking PCTL Specifications on Markov Decision Processes via Reinforcement Learning. 2020 ,		1

218	Entanglement is Necessary for Optimal Quantum Property Testing. 2020 ,	3
217	Stochastic bandits with side observations on networks. 2014 , 42, 289-300	7
216	Learning to Rank. 2015 , 43, 231-244	8
215	Matching while Learning. 2017 ,	7
214	Incentivizing exploration via information asymmetry. 2017 , 24, 38-41	2
213	Competitive Online Optimization under Inventory Constraints. 2019 , 3, 1-28	6
212	Adversarial Bandits Policy for Crawling Commercial Web Content. 2020 ,	2
211	Social Learning in Multi Agent Multi Armed Bandits. 2019 , 3, 1-35	10
210	Randomized allocation with arm elimination in a bandit problem with covariates. 2016 , 10,	6
209	Active ranking from pairwise comparisons and when parametric assumptions do not help. 2019 , 47,	8
208	Cognitive Validity of a Causal Value Function with Loose Symmetry and Its Effectiveness for N-armed Bandit Problems. 2015 , 30, 403-416	5
207	Cognitive Satisficing. 2016 , 31, AI30-M_1-11	4
206	Nonparametric Learning and Optimization with Covariates. <i>SSRN Electronic Journal</i> ,	1 2
205	A continuous-time approach to online optimization. 2017 , 4, 125-148	7
204	Adversarial Online Learning With Variable Plays in the Pursuit-Evasion Game: Theoretical Foundations and Application in Connected and Automated Vehicle Cybersecurity. 2021 , 9, 142475-142488	
203	. 2021 , 1-14	1
202	Technical noteKnowledge gradient for selection with covariates: Consistency and computation.	0
201	Coordinated Online Learning for Multiagent Systems With Coupled Constraints and Perturbed Utility Observations. <i>IEEE Transactions on Automatic Control</i> , 2021 , 66, 5080-5095	5.9

200	Online learning for hierarchical scheduling to support network slicing in cellular networks. 2021 , 152, 102237		0
199	Online Collaborative-Filtering on Graphs. <i>SSRN Electronic Journal</i> ,	1	
198	Bayesian Reinforcement Learning with Exploration. <i>Lecture Notes in Computer Science</i> , 2014 , 170-184	0.9	2
197	Schemata Bandits for Binary Encoded Combinatorial Optimisation Problems. <i>Lecture Notes in Computer Science</i> , 2014 , 299-310	0.9	1
196	LinUCB Applied to Monte-Carlo Tree Search. <i>Lecture Notes in Computer Science</i> , 2015 , 41-52	0.9	0
195	Online Experimentation for Information Retrieval. 2015 , 21-41		
194	Online Learning and Optimization. 2015 , 1-8		
193	Greedy-Bayes for Targeted News Dissemination. 2015 , 43, 285-296		2
192	Introduction. 2016 , 3-7		
191	Stochastic Multi-armed Bandit. 2016 , 9-25		
190	Pure Exploration for Max-Quantile Bandits. <i>Lecture Notes in Computer Science</i> , 2016 , 556-571	0.9	4
189	Encyclopedia of Machine Learning and Data Mining. 2016 , 1-9		
188	Meta-algorithm to Choose a Good On-Line Prediction (Short Paper). <i>Lecture Notes in Computer Science</i> , 2016 , 126-130	0.9	
187	Encyclopedia of Algorithms. 2016 , 1443-1448		
186	On the Prior Sensitivity of Thompson Sampling. <i>Lecture Notes in Computer Science</i> , 2016 , 321-336	0.9	1
185	Trend Detection Based Regret Minimization for Bandit Problems. 2016 ,		
184	A Hidden Markov Restless Multi-armed Bandit Model for Payout Recommendation Systems. <i>Lecture Notes in Computer Science</i> , 2017 , 335-362	0.9	1
183	Encyclopedia of Machine Learning and Data Mining. 2017 , 929-937		

182	Non-Stationary Stochastic Optimization with Local Spatial and Temporal Changes. <i>SSRN Electronic Journal</i> ,	1	
181	Learning traffic congestion by contextual bandit problems for optimum localization. 2017 ,		
180	Efficient Real-Parameter Single Objective Optimizer Using Hierarchical CMA-ES Solvers. 2018 , 131-145		
179	Conclusion and Future Work. 2018 , 95-99		
178	Response Prediction for Low-Regret Agents. <i>Lecture Notes in Computer Science</i> , 2019 , 31-44	0.9	0
177	NARPCA: Neural Accumulate-Retract PCA for Low-Latency High-Throughput Processing on Datastreams. <i>Lecture Notes in Computer Science</i> , 2019 , 253-266	0.9	
176	Observe Before Play. 2019 , 46, 89-90		0
175	Fast Algorithms for Online Personalized Assortment Optimization in a Big Data Regime. <i>SSRN Electronic Journal</i> ,	1	3
174	Self-adjusting Linear Networks. <i>Lecture Notes in Computer Science</i> , 2019 , 368-382	0.9	0
173	Collaboratively Learning the Best Option on Graphs, Using Bounded Local Memory. 2019 , 3, 1-32		2
172	On some stochastic mirror descent methods for constrained online optimization problems. 2019 , 11, 205-217		2
171	Collaboratively Learning the Best Option on Graphs, Using Bounded Local Memory. 2019 , 47, 1-2		
170	BelMan: An Information-Geometric Approach to Stochastic Bandits. <i>Lecture Notes in Computer Science</i> , 2020 , 167-183	0.9	
169	Online Optimization with Predictions and Non-convex Losses. 2020 , 4, 1-32		0
168	A Method for Optimizing Opaque Filter Queries. 2020 ,		2
167	Bandit join. 2020 ,		3
166	User Opinion based Trust Value Prediction for Online Social Network. 2020 , 491-500		
165	Online Learning and Optimization for Revenue Management Problems with Add-on Discounts. <i>SSRN Electronic Journal</i> ,	1	0

164	Online Learning Methods for Controlling Dynamic Cyber Deception Strategies. 2020 , 231-251	1
163	Human-Machine Collaboration for Face Recognition. 2020 ,	0
162	Efficient Algorithm for Multi-Constrained Opportunistic Wireless Scheduling. 2020 ,	1
161	Iterative H-norm Estimation Using Cyclic-Prefixed Signals. 2020 ,	
160	Optimisation with Zeroth-Order Oracles in Formation. 2020 ,	
159	Autonomous Target Allocation Recommendations. 2020 ,	0
158	Massive Unsourced Random Access for Massive MIMO Correlated Channels. 2020 ,	3
157	Secure Outsourcing of Multi-armed Bandits. 2020 ,	2
156	Book announcement: Introduction to Multi-Armed Bandits. 2020 , 18, 28-30	
155	Dynamic Creative Optimization in Verizon Media Native Advertising. 2020 ,	0
154	Literature Review of mmWave Networks. 2021 , 15-36	2
153	Learning the Best Price and Ordering Policy under Fixed Costs and Ambiguous Demand. <i>SSRN Electronic Journal</i> ,	1
152	No-Regret Learning for Coalitional Model Predictive Control. 2020 , 53, 3439-3444	
151	Adaptive Discretization for Episodic Reinforcement Learning in Metric Spaces. 2019 , 3, 1-44	3
150	No-Regret Learning from Partially Observed Data in Repeated Auctions. 2020 , 53, 14-19	1
149	Learning Product Rankings Robust to Fake Users. <i>SSRN Electronic Journal</i> ,	1 1
148	Introduction to Reinforcement Learning. 2020 , 47-123	9
147	Effect of Routing Constraints on Learning Efficiency of Destination Recommender Systems in Mobility-on-Demand Services. 2020 , 1-16	1

146	Stochastic One-Sided Full-Information Bandit. <i>Lecture Notes in Computer Science</i> , 2020 , 150-166	0.9	1
145	Optimal Policies for Dynamic Pricing and Inventory Control with Nonparametric Censored Demands. <i>SSRN Electronic Journal</i> ,	1	1
144	Tailoring data source distributions for fairness-aware data integration. 2021 , 14, 2519-2532		2
143	. 2021 ,		3
142	Exponential Two-Armed Bandit Problem. 2020 ,		
141	Survey on cognitive anti-jamming communications. 2020 , 14, 3110-3127		6
140	Personalizing Natural Language Understanding using Multi-armed Bandits and Implicit Feedback. 2020 ,		0
139	Differentially Private and Budget Limited Bandit Learning over Matroids. 2021 , 347-382		
138	Bayesian Meta-Prior Learning Using Empirical Bayes.		
137	Order Scoring, Bandit Learning and Order Cancellations. 2021 , 134, 104287		0
136	Hedging the Drift: Learning to Optimize Under Nonstationarity.		0
135	Dynamic Data Transaction in Crowdsensing Based on Multi-armed Bandits and Shapley Value. 2021 , 1-1		
134	The Internet of Federated Things (IoFT). 2021 , 9, 156071-156113		4
133	Social Bandit Learning: Strangers Can Help. 2020 ,		
132	Bandit-based Communication-Efficient Client Selection Strategies for Federated Learning. 2020 ,		2
131	Accordia: Adaptive Cloud Configuration Optimization for Recurring Data-Intensive Applications. 2020 ,		1
130	A Unified Approach to Translate Classical Bandit Algorithms to the Structured Bandit Setting. 2020 , 1, 840-853		3
129	Decentralized Heterogeneous Multi-Player Multi-Armed Bandits with Non-Zero Rewards on Collisions. 2021 , 1-1		0

- 128 Hoover: A Framework for Verification and Parameter Synthesis in Stochastic Systems using Optimistic Optimization. **2021**,
- 127 Collaborative Best Arm Identification in Multi-armed Bandits. **2022**,
- 126 Worst-case regret analysis of computationally budgeted online kernel selection. 1 1
- 125 Online Learning and Optimization for Revenue Management Problems with Add-on Discounts. 0
- 124 A Bandit-Learning Approach to Multifidelity Approximation. **2022**, 44, A150-A175 0
- 123 Smoothness-Adaptive Contextual Bandits. *Operations Research*, 2.3
- 122 A Case for Sampling Based Learning Techniques in Coflow Scheduling. **2022**, 1-15
- 121 Designing Lookahead Policies for Sequential Decision Problems in Transportation and Logistics. **2022**, 1-1 0
- 120 Emotion Recognition in the Wild. **2022**,
- 119 Addressing Ethical Issues of Affective Computing. **2022**,
- 118 Synthesizing Natural and Believable Emotional Expressions. **2022**,
- 117 Applied Affective Computing. **2022**, 1
- 116 Reinforcement Learning and Affective Computing. **2022**,
- 115 Emotion-aware HumanRobot Interaction and Social Robots. **2022**, 0
- 114 Bibliography. **2022**,
- 113 Applied Affective Computing in Built Environments. **2022**,
- 112 Affective Computing for Enhancing Well-Being. **2022**,
- 111 Machine Learning Approaches for Applied Affective Computing. **2022**,

110	Multimodal Data Collection and Processing for Applied Affective Computing. 2022,		
109	Introduction to Applied Affective Computing. 2022,		
108	Future of Affective Computing and Applied Affective Computing. 2022,		
107	Emotions as Studied in Psychology and Cognitive Science. 2022,		
106	Preface. 2022,		
105	AuthorsBiographies & Index. 2022,		
104	Secure protocols for cumulative reward maximization in stochastic multi-armed bandits. 2022, 1-27		
103	Two-Stage Resource Allocation in Reconfigurable Intelligent Surface Assisted Hybrid Networks via Multi-Player Bandits. <i>IEEE Transactions on Communications</i> , 2022, 1-1	6.9	1
102	Bandit-Based Power Control in Full-Duplex Cooperative Relay Networks With Strict-Sense Stationary and Non-Stationary Wireless Communication Channels. 2022, 3, 366-378		1
101	Fair Incentive Mechanism with Imperfect Quality in Privacy-Preserving Crowdsensing. <i>IEEE Internet of Things Journal</i> , 2022, 1-1	10.7	0
100	Statistically Robust, Risk-Averse Best Arm Identification in Multi-Armed Bandits. 2022, 1-1		1
99	Satisficing in Time-Sensitive Bandit Learning. <i>Mathematics of Operations Research</i> ,	1.5	
98	Learning in auctions: Regret is hard, envy is easy. 2022,		
97	SRTuner: Effective Compiler Optimization Customization by Exposing Synergistic Relations. 2022,		
96	Canonical Problems and Applications. 2022, 39-100		
95	EE-Grad: Exploration and Exploitation for Cost-Efficient Mini-Batch SGD. 2021,		
94	?????????????????????????????. 2021,		
93	Joint AP Probing and Scheduling: A Contextual Bandit Approach. 2021,		0

92	On the Convergence of Optimal Computing Budget Allocation Algorithms. 2021,		
91	Equilibrium Tracking and Convergence in Dynamic Games. 2021,		
90	Structured Projection-free Online Convex Optimization with Multi-point Bandit Feedback. 2021,		0
89	Regret-Minimization in Risk-Averse Bandits. 2021,		
88	Distributed Multi-Robot Deployment in Dynamic Environments Using Thompson Sampling. 2021,		
87	Rosella: A Self-Driving Distributed Scheduler for Heterogeneous Clusters. 2021,		0
86	Penalized and Decentralized Contextual Bandit Learning for WLAN Channel Allocation with Contention-Driven Feature Extraction. <i>IEICE Transactions on Communications</i> , 2022,	0.5	
85	Decentralized Adaptive Spectrum Learning in Wireless IoT Networks based on Channel Quality Information. <i>IEEE Internet of Things Journal</i> , 2022, 1-1	10.7	0
84	Learning the Scheduling Policy in Time-Varying Multiclass Many Server Queues with Abandonment. <i>SSRN Electronic Journal</i> ,	1	
83	Multinode Data Offloading for Urban Wireless Sensor Networks Based on Fog Computing: A Multiarmed Bandit Approach. <i>Security and Communication Networks</i> , 2022, 2022, 1-17	1.9	
82	Bandit Change-Point Detection for Real-Time Monitoring High-Dimensional Data Under Sampling Control. <i>Technometrics</i> , 1-11	1.4	3
81	A Tutorial on Bandit Learning and Its Applications in 5G Mobile Edge Computing (Invited Paper). 2022, 2,		
80	Optimistic Posterior Sampling for Reinforcement Learning: Worst-Case Regret Bounds. <i>Mathematics of Operations Research</i> ,	1.5	
79	Cascading Bandit Under Differential Privacy. 2022,		
78	Learning on the Job: Long-Term Behavioural Adaptation in Human-Robot Interactions. <i>IEEE Robotics and Automation Letters</i> , 2022, 1-1	4.2	
77	An Accelerated Method for Derivative-Free Smooth Stochastic Convex Optimization. <i>SIAM Journal on Optimization</i> , 2022, 32, 1210-1238	2	1
76	Age-of-Information Oriented Scheduling for Multi-Channel IoT Systems with Correlated Sources. <i>IEEE Transactions on Wireless Communications</i> , 2022, 1-1	9.6	2
75	Noisy Zeroth-Order Optimization for Non-smooth Saddle Point Problems. <i>Lecture Notes in Computer Science</i> , 2022, 18-33	0.9	

74	Jacobi-Style Iteration for Distributed Submodular Maximization. <i>IEEE Transactions on Automatic Control</i> , 2022 , 1-15	5.9	
73	Distributed Bandits with Heterogeneous Agents. 2022 ,		
72	Socially-Optimal Mechanism Design for Incentivized Online Learning. 2022 ,		
71	Online Data Valuation and Pricing for Machine Learning Tasks in Mobile Health. 2022 ,		
70	Context-based dynamic pricing with online clustering. <i>Production and Operations Management</i> ,	3.6	1
69	A mixed-categorical data-driven approach for prediction and optimization of hybrid discontinuous composites performance. 2022 ,		
68	Offline Multi-Action Policy Learning: Generalization and Optimization. <i>Operations Research</i> ,	2.3	1
67	Non-Stationary Representation Learning in Sequential Linear Bandits. 2022 , 1, 41-56		0
66	Multi-channel Resource Allocation for Smooth Streaming: Non-convexity and Bandits. <i>IEEE Transactions on Communications</i> , 2022 , 1-1	6.9	
65	Multi-armed quantum bandits: Exploration versus exploitation when learning properties of quantum states. <i>Quantum - the Open Journal for Quantum Science</i> , 6, 749		0
64	PPAR: A Privacy-Preserving Adaptive Ranking Algorithm for Multi-Armed-Bandit Crowdsourcing. 2022 ,		
63	Adaptive Experiments for Policy Choice: Phone Calls for Home Reading in Kenya. <i>Policy Research Working Papers</i> , 2022 ,	2.1	
62	Bandit-based inventory optimisation: Reinforcement learning in multi-echelon supply chains. <i>International Journal of Production Economics</i> , 2022 , 108578	9.3	
61	Neuroevolution-enhanced multi-objective optimization for mixed-precision quantization. 2022 ,		
60	Optimizing mHealth Interventions with a Bandit. <i>Studies in Neuroscience, Psychology and Behavioral Economics</i> , 2023 , 365-378	1.8	
59	Machine Learning for Data Management: A System View. 2022 ,		
58	Learning the Optimal Controller Placement in Mobile Software-Defined Networks. 2022 ,		0
57	Setting Reserve Prices in Second-Price Auctions with Unobserved Bids.		

56	Reconfigurable intelligent surface-aided millimetre wave communications utilizing two-phase minimax optimal stochastic strategy bandit.	2
55	Adversarial Bandits with Knapsacks.	
54	Treatment recommendation with distributional targets. 2022,	o
53	Correlated combinatorial bandits for online resource allocation. 2022,	o
52	Location, transshipment and routing: An adaptive transportation network integrating long-haul and local vehicle routing. 2022, 11, 100091	o
51	Extreme Bandits using Robust Statistics. 2022, 1-1	o
50	Learning and Pricing with Inventory Constraints. 2022, 103-135	o
49	The Stochastic Multi-Armed Bandit Problem. 2022, 3-13	o
48	An Approximate Dynamic Programming Approach to Repeated Games with Vector Losses.	o
47	Dynamic Global Sensitivity for Differentially Private Contextual Bandits. 2022,	o
46	Identifying New Podcasts with High General Appeal Using a Pure Exploration Infinitely-Armed Bandit Strategy. 2022,	o
45	An Adversarial Approach to Adaptive Model Predictive Control. 9, 135-146	o
44	Adaptive Algorithms for Meta-Induction.	o
43	Measuring Convergence Inertia: Online Learning in Self-adaptive Systems with Context Shifts. 2022, 231-248	1
42	Equilibrium Approximating and Online Learning for Anti-Jamming Game of Satellite Communication Power Allocation. 2022, 11, 3526	o
41	Bandit Learning in Many-to-One Matching Markets. 2022,	o
40	Dynamic Assortment Optimization: Beyond MNL Model. 2022, 241-269	o
39	Bandit Procedures for Designing Patient-Centric Clinical Trials. 2022, 365-389	o

- 38 Bandits with Dynamic Arm-acquisition Costs*. **2022**, ○
- 37 Mode Selection of Content Delivery at Edge Nodes Based on Learning. ○
- 36 Regret minimization in online Bayesian persuasion: Handling adversarial receiver's types under full and partial feedback models. **2023**, 314, 103821 ○
- 35 Distribution-Free Reinforcement Learning. **2022**, 221-235 ○
- 34 Best Arm Identification in Restless Markov Multi-Armed Bandits. **2022**, 1-1 ○
- 33 Adaptive Algorithm for Multi-armed Bandit Problem with High-dimensional Covariates. 1-32 ○
- 32 Budget-limited distribution learning in multifidelity problems. ○
- 31 Multi-Item Nontruthful Auctions Achieve Good Revenue. **2022**, 51, 1796-1838 ○
- 30 An ϵ -Greedy Multiarmed Bandit Approach to Markov Decision Processes. **2023**, 6, 99-112 ○
- 29 Constrained regret minimization for multi-criterion multi-armed bandits. ○
- 28 A privacy-dependent condition-based privacy-preserving information sharing scheme in online social networks. **2023**, ○
- 27 A General Framework for Bandit Problems Beyond Cumulative Objectives. ○
- 26 MABAMS: Multi-Armed Bandit-Aided Mode Selection in Cooperative Buffer-Aided Relay Networks. **2022**, ○
- 25 A Buffered Semi-Asynchronous Mechanism with MAB for Efficient Federated Learning. **2022**, ○
- 24 MAB based Network Selection mechanism for URLLC users in RIS assisted network. **2022**, ○
- 23 An Efficient Dynamic Sampling Policy for Monte Carlo Tree Search. **2022**, ○
- 22 Synthetic Control as Online Linear Regression. **2023**, 91, 465-491 ○
- 21 Provably Efficient Reinforcement Learning with Linear Function Approximation. ○

- 20 Asymptotic optimality of myopic ranking and selection procedures. **2023**, 151, 110896 ○
- 19 Cloud Configuration Optimization for Recurring Batch-Processing Applications. **2023**, 34, 1495-1507 ○
- 18 Convergence rate analysis for optimal computing budget allocation algorithms. **2023**, 153, 111042 ○
- 17 Multi-armed bandit problem with online clustering as side information. **2023**, 427, 115132 ○
- 16 Formative assessment methods for intelligent learning systems. ○
- 15 Conversion-Based Dynamic-Creative-Optimization in Native Advertising. **2022**, ○
- 14 Multi-channel transmission scheduling with hopping scheme under uncertain channel states. **2023**, 360, 3800-3824 ○
- 13 A Comparative Study of Situation Awareness-Based Decision-Making Model Reinforcement Learning Adaptive Automation in Evolving Conditions. **2023**, 11, 16166-16182 ○
- 12 Multi-armed bandit based device scheduling for crowdsensing in power grids. 11, ○
- 11 Nonstationary Reinforcement Learning: The Blessing of (More) Optimism. ○
- 10 Dynamic Pricing and Placing for Distributed Machine Learning Jobs: An Online Learning Approach. **2023**, 41, 1135-1150 ○
- 9 Multi-domain Active Learning for Semi-supervised Anomaly Detection. **2023**, 485-501 ○
- 8 Nonparametric learning for impulse control problems Exploration vs. exploitation. **2023**, 33, ○
- 7 Daisee: Adaptive importance sampling by balancing exploration and exploitation. ○
- 6 Sequential Experimentation and Learning. **2023**, 147-175 ○
- 5 Distributionally Robust Batch Contextual Bandits. ○
- 4 Particle Thompson Sampling with Static Particles. **2023**, ○
- 3 Greedy Algorithm Almost Dominates in Smoothed Contextual Bandits. **2023**, 52, 487-524 ○

- 2 Self-Adjusting Grid Networks. **2023**, 105038 ○
- 1 Multi-Armed Bandit Based Base Stations Deployment in Millimeter Wave Network. **2022**, ○