

Panayotis Mertikopoulos

List of Publications by Citations

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

58
papers

554
citations

13
h-index

20
g-index

69
ext. papers

754
ext. citations

3.3
avg, IF

4.57
L-index

#	Paper	IF	Citations
58	Energy-Aware Competitive Power Allocation for Heterogeneous Networks Under QoS Constraints. <i>IEEE Transactions on Wireless Communications</i> , 2015 , 14, 4728-4742	9.6	49
57	. <i>IEEE Transactions on Information Theory</i> , 2011 , 57, 1984-2007	2.8	42
56	Learning in Games via Reinforcement and Regularization. <i>Mathematics of Operations Research</i> , 2016 , 41, 1297-1324	1.5	35
55	Learning to Be Green: Robust Energy Efficiency Maximization in Dynamic MIMO-OFDM Systems. <i>IEEE Journal on Selected Areas in Communications</i> , 2016 , 34, 743-757	14.2	30
54	Learning in games with continuous action sets and unknown payoff functions. <i>Mathematical Programming</i> , 2019 , 173, 465-507	2.1	29
53	The emergence of rational behavior in the presence of stochastic perturbations. <i>Annals of Applied Probability</i> , 2010 , 20,	2	24
52	Fog Based Framework for IoT Service Provisioning 2019 ,		22
51	Higher order game dynamics. <i>Journal of Economic Theory</i> , 2013 , 148, 2666-2695	1.4	22
50	Penalty-Regulated Dynamics and Robust Learning Procedures in Games. <i>Mathematics of Operations Research</i> , 2015 , 40, 611-633	1.5	21
49	. <i>IEEE Transactions on Wireless Communications</i> , 2015 , 14, 6536-6549	9.6	18
48	Transmit without Regrets: Online Optimization in MIMO-OFDM Cognitive Radio Systems. <i>IEEE Journal on Selected Areas in Communications</i> , 2014 , 32, 1987-1999	14.2	16
47	Distributed Stochastic Optimization via Matrix Exponential Learning. <i>IEEE Transactions on Signal Processing</i> , 2017 , 65, 2277-2290	4.8	14
46	Auction-based resource allocation in OpenFlow multi-tenant networks. <i>Computer Networks</i> , 2017 , 115, 29-41	5.4	13
45	Learning in an Uncertain World: MIMO Covariance Matrix Optimization With Imperfect Feedback. <i>IEEE Transactions on Signal Processing</i> , 2016 , 64, 5-18	4.8	12
44	Mirror descent learning in continuous games 2017 ,		12
43	Semi-Cognitive Radio Networks: A Novel Dynamic Spectrum Sharing Mechanism. <i>IEEE Transactions on Cognitive Communications and Networking</i> , 2017 , 3, 97-111	6.6	11
42	On the Convergence of Gradient-Like Flows with Noisy Gradient Input. <i>SIAM Journal on Optimization</i> , 2018 , 28, 163-197	2	11

41	. <i>IEEE Transactions on Signal Processing</i> , 2019 , 67, 2987-3000	4.8	10
40	Cycles in Adversarial Regularized Learning 2018 , 2703-2717		10
39	2012 ,		10
38	Riemannian game dynamics. <i>Journal of Economic Theory</i> , 2018 , 177, 315-364	1.4	10
37	Mixed-Strategy Learning With Continuous Action Sets. <i>IEEE Transactions on Automatic Control</i> , 2017 , 62, 379-384	5.9	9
36	Neutral stability, drift, and the diversification of languages. <i>Journal of Theoretical Biology</i> , 2011 , 287, 1-12	2.3	9
35	On the robustness of learning in games with stochastically perturbed payoff observations. <i>Games and Economic Behavior</i> , 2017 , 103, 41-66	1.1	8
34	Correlated Anarchy in Overlapping Wireless Networks. <i>IEEE Journal on Selected Areas in Communications</i> , 2008 , 26, 1160-1169	14.2	8
33	A continuous-time approach to online optimization. <i>Journal of Dynamics and Games</i> , 2017 , 4, 125-148	1.9	7
32	Stochastic Mirror Descent Dynamics and Their Convergence in Monotone Variational Inequalities. <i>Journal of Optimization Theory and Applications</i> , 2018 , 179, 838-867	1.6	6
31	2014 ,		6
30	Convergence to nash equilibrium in continuous games with noisy first-order feedback 2017 ,		6
29	2014 ,		6
28	The Asymptotic Behavior of the Price of Anarchy. <i>Lecture Notes in Computer Science</i> , 2017 , 133-145	0.9	6
27	Dynamic Power Allocation Games in Parallel Multiple Access Channels 2011 ,		6
26	Imitation dynamics with payoff shocks. <i>International Journal of Game Theory</i> , 2016 , 45, 291-320	0.5	5
25	Load Aware Provisioning of IoT Services on Fog Computing Platform 2019 ,		4
24	Inertial Game Dynamics and Applications to Constrained Optimization. <i>SIAM Journal on Control and Optimization</i> , 2015 , 53, 3141-3170	1.9	4

23	Learning in the presence of noise 2009 ,		4
22	On the Convergence of Mirror Descent beyond Stochastic Convex Programming. <i>SIAM Journal on Optimization</i> , 2020 , 30, 687-716	2	3
21	A novel dynamic network architecture model based on stochastic geometry and game theory 2016 ,		3
20	Hedging Under Uncertainty: Regret Minimization Meets Exponentially Fast Convergence. <i>Lecture Notes in Computer Science</i> , 2017 , 252-263	0.9	3
19	Stable Power Control in Wireless Networks via Dual Averaging 2017 ,		3
18	Adaptive transmit policies for cost-efficient power allocation in multi-carrier systems 2014 ,		3
17	Minibatch Forward-Backward-Forward Methods for Solving Stochastic Variational Inequalities. <i>Stochastic Systems</i> , 2021 , 11, 112-139	1.7	3
16	Hessian Barrier Algorithms for Linearly Constrained Optimization Problems. <i>SIAM Journal on Optimization</i> , 2019 , 29, 2100-2127	2	2
15	Energy-aware competitive link adaptation in small-cell networks 2014 ,		2
14	Distribution of MIMO mutual information: A large deviations approach 2009 ,		2
13	2016 ,		2
12	A STOCHASTIC APPROXIMATION ALGORITHM FOR STOCHASTIC SEMIDEFINITE PROGRAMMING. <i>Probability in the Engineering and Informational Sciences</i> , 2016 , 30, 431-454	0.6	2
11	When is Selfish Routing Bad? The Price of Anarchy in Light and Heavy Traffic. <i>Operations Research</i> , 2020 ,	2.3	1
10	Least action routing: Identifying the optimal path in a wireless relay network 2017 ,		1
9	. <i>IEEE Transactions on Information Theory</i> , 2016 , 62, 5030-5058	2.8	1
8	Energy-Efficient Power Allocation in Dynamic Multi-Carrier Systems 2015 ,		1
7	Online Reconfiguration of IoT Applications in the Fog: The Information-Coordination Trade-Off. <i>IEEE Transactions on Parallel and Distributed Systems</i> , 2021 , 1-1	3.7	1
6	Robust Power Management via Learning and Game Design. <i>Operations Research</i> , 2021 , 69, 331-345	2.3	1

5	Power Control with Random Delays: Robust Feedback Averaging 2018 ,		1
4	Convergent Noisy forward-backward-forward algorithms in non-monotone variational inequalities. <i>IFAC-PapersOnLine</i> , 2019 , 52, 120-125	0.7	0
3	Interference Mitigation via Pricing in Time-Varying Cognitive Radio Systems. <i>Static and Dynamic Game Theory: Foundations and Applications</i> , 2017 , 177-186	0.2	
2	. <i>IEEE Transactions on Signal Processing</i> , 2020 , 68, 6085-6100	4.8	
1	Derivative-Free Optimization over Multi-user MIMO Networks. <i>Communications in Computer and Information Science</i> , 2021 , 17-24	0.3	