

# Panayotis Mertikopoulos

## List of Publications by Year in Descending Order

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**Version:** 2024-04-27

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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	Minibatch Forward-Backward-Forward Methods for Solving Stochastic Variational Inequalities. <i>Stochastic Systems</i> , <b>2021</b> , 11, 112-139	1.7	3
57	Online Reconfiguration of IoT Applications in the Fog: The Information-Coordination Trade-Off. <i>IEEE Transactions on Parallel and Distributed Systems</i> , <b>2021</b> , 1-1	3.7	1
56	Robust Power Management via Learning and Game Design. <i>Operations Research</i> , <b>2021</b> , 69, 331-345	2.3	1
55	Derivative-Free Optimization over Multi-user MIMO Networks. <i>Communications in Computer and Information Science</i> , <b>2021</b> , 17-24	0.3	
54	When is Selfish Routing Bad? The Price of Anarchy in Light and Heavy Traffic. <i>Operations Research</i> , <b>2020</b> ,	2.3	1
53	On the Convergence of Mirror Descent beyond Stochastic Convex Programming. <i>SIAM Journal on Optimization</i> , <b>2020</b> , 30, 687-716	2	3
52	. <i>IEEE Transactions on Signal Processing</i> , <b>2020</b> , 68, 6085-6100	4.8	
51	Hessian Barrier Algorithms for Linearly Constrained Optimization Problems. <i>SIAM Journal on Optimization</i> , <b>2019</b> , 29, 2100-2127	2	2
50	Load Aware Provisioning of IoT Services on Fog Computing Platform <b>2019</b> ,		4
49	Convergent Noisy forward-backward-forward algorithms in non-monotone variational inequalities. <i>IFAC-PapersOnLine</i> , <b>2019</b> , 52, 120-125	0.7	0
48	. <i>IEEE Transactions on Signal Processing</i> , <b>2019</b> , 67, 2987-3000	4.8	10
47	Fog Based Framework for IoT Service Provisioning <b>2019</b> ,		22
46	Learning in games with continuous action sets and unknown payoff functions. <i>Mathematical Programming</i> , <b>2019</b> , 173, 465-507	2.1	29
45	On the Convergence of Gradient-Like Flows with Noisy Gradient Input. <i>SIAM Journal on Optimization</i> , <b>2018</b> , 28, 163-197	2	11
44	Stochastic Mirror Descent Dynamics and Their Convergence in Monotone Variational Inequalities. <i>Journal of Optimization Theory and Applications</i> , <b>2018</b> , 179, 838-867	1.6	6
43	Cycles in Adversarial Regularized Learning <b>2018</b> , 2703-2717		10
42	Power Control with Random Delays: Robust Feedback Averaging <b>2018</b> ,		1

41	Riemannian game dynamics. <i>Journal of Economic Theory</i> , <b>2018</b> , 177, 315-364	1.4	10
40	Mixed-Strategy Learning With Continuous Action Sets. <i>IEEE Transactions on Automatic Control</i> , <b>2017</b> , 62, 379-384	5.9	9
39	On the robustness of learning in games with stochastically perturbed payoff observations. <i>Games and Economic Behavior</i> , <b>2017</b> , 103, 41-66	1.1	8
38	Auction-based resource allocation in OpenFlow multi-tenant networks. <i>Computer Networks</i> , <b>2017</b> , 115, 29-41	5.4	13
37	Distributed Stochastic Optimization via Matrix Exponential Learning. <i>IEEE Transactions on Signal Processing</i> , <b>2017</b> , 65, 2277-2290	4.8	14
36	Semi-Cognitive Radio Networks: A Novel Dynamic Spectrum Sharing Mechanism. <i>IEEE Transactions on Cognitive Communications and Networking</i> , <b>2017</b> , 3, 97-111	6.6	11
35	Least action routing: Identifying the optimal path in a wireless relay network <b>2017</b> ,		1
34	Hedging Under Uncertainty: Regret Minimization Meets Exponentially Fast Convergence. <i>Lecture Notes in Computer Science</i> , <b>2017</b> , 252-263	0.9	3
33	Stable Power Control in Wireless Networks via Dual Averaging <b>2017</b> ,		3
32	Convergence to nash equilibrium in continuous games with noisy first-order feedback <b>2017</b> ,		6
31	Mirror descent learning in continuous games <b>2017</b> ,		12
30	A continuous-time approach to online optimization. <i>Journal of Dynamics and Games</i> , <b>2017</b> , 4, 125-148	1.9	7
29	The Asymptotic Behavior of the Price of Anarchy. <i>Lecture Notes in Computer Science</i> , <b>2017</b> , 133-145	0.9	6
28	Interference Mitigation via Pricing in Time-Varying Cognitive Radio Systems. <i>Static and Dynamic Game Theory: Foundations and Applications</i> , <b>2017</b> , 177-186	0.2	
27	. <i>IEEE Transactions on Information Theory</i> , <b>2016</b> , 62, 5030-5058	2.8	1
26	Learning in Games via Reinforcement and Regularization. <i>Mathematics of Operations Research</i> , <b>2016</b> , 41, 1297-1324	1.5	35
25	A novel dynamic network architecture model based on stochastic geometry and game theory <b>2016</b> ,		3
24	Imitation dynamics with payoff shocks. <i>International Journal of Game Theory</i> , <b>2016</b> , 45, 291-320	0.5	5

23	Learning in an Uncertain World: MIMO Covariance Matrix Optimization With Imperfect Feedback. <i>IEEE Transactions on Signal Processing</i> , <b>2016</b> , 64, 5-18	4.8	12
22	<b>2016</b> ,		2
21	A STOCHASTIC APPROXIMATION ALGORITHM FOR STOCHASTIC SEMIDEFINITE PROGRAMMING. <i>Probability in the Engineering and Informational Sciences</i> , <b>2016</b> , 30, 431-454	0.6	2
20	Learning to Be Green: Robust Energy Efficiency Maximization in Dynamic MIMO-OFDM Systems. <i>IEEE Journal on Selected Areas in Communications</i> , <b>2016</b> , 34, 743-757	14.2	30
19	Energy-Aware Competitive Power Allocation for Heterogeneous Networks Under QoS Constraints. <i>IEEE Transactions on Wireless Communications</i> , <b>2015</b> , 14, 4728-4742	9.6	49
18	Inertial Game Dynamics and Applications to Constrained Optimization. <i>SIAM Journal on Control and Optimization</i> , <b>2015</b> , 53, 3141-3170	1.9	4
17	. <i>IEEE Transactions on Wireless Communications</i> , <b>2015</b> , 14, 6536-6549	9.6	18
16	Energy-Efficient Power Allocation in Dynamic Multi-Carrier Systems <b>2015</b> ,		1
15	Penalty-Regulated Dynamics and Robust Learning Procedures in Games. <i>Mathematics of Operations Research</i> , <b>2015</b> , 40, 611-633	1.5	21
14	Energy-aware competitive link adaptation in small-cell networks <b>2014</b> ,		2
13	<b>2014</b> ,		6
12	Adaptive transmit policies for cost-efficient power allocation in multi-carrier systems <b>2014</b> ,		3
11	Transmit without Regrets: Online Optimization in MIMO-OFDM Cognitive Radio Systems. <i>IEEE Journal on Selected Areas in Communications</i> , <b>2014</b> , 32, 1987-1999	14.2	16
10	<b>2014</b> ,		6
9	Higher order game dynamics. <i>Journal of Economic Theory</i> , <b>2013</b> , 148, 2666-2695	1.4	22
8	<b>2012</b> ,		10
7	Neutral stability, drift, and the diversification of languages. <i>Journal of Theoretical Biology</i> , <b>2011</b> , 287, 1-12	2.3	9
6	. <i>IEEE Transactions on Information Theory</i> , <b>2011</b> , 57, 1984-2007	2.8	42

5	Dynamic Power Allocation Games in Parallel Multiple Access Channels <b>2011</b> ,		6
4	The emergence of rational behavior in the presence of stochastic perturbations. <i>Annals of Applied Probability</i> , <b>2010</b> , 20,	2	24
3	Learning in the presence of noise <b>2009</b> ,		4
2	Distribution of MIMO mutual information: A large deviations approach <b>2009</b> ,		2
1	Correlated Anarchy in Overlapping Wireless Networks. <i>IEEE Journal on Selected Areas in Communications</i> , <b>2008</b> , 26, 1160-1169	14.2	8