

Peng Yi

List of Publications by Year in descending order

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48
papers

1,782
citations

516710

16
h-index

434195

31
g-index

48
all docs

48
docs citations

48
times ranked

789
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Distributed Time-Varying Convex Optimization With Dynamic Quantization. IEEE Transactions on Cybernetics, 2023, 53, 1078-1092. | 9.5 | 8 |
| 2 | Distributed Linear Equations Over Random Networks. IEEE Transactions on Automatic Control, 2023, 68, 2607-2614. | 5.7 | 2 |
| 3 | Nash equilibrium seeking over directed graphs. Autonomous Intelligent Systems, 2022, 2, 1. | 3.1 | 5 |
| 4 | Exponentially convergent distributed Nash equilibrium seeking for constrained aggregative games. Autonomous Intelligent Systems, 2022, 2, 1. | 3.1 | 4 |
| 5 | Prescribed performance tracking for a class of uncertain nonlinear systems with actuator failures. International Journal of Robust and Nonlinear Control, 2022, 32, 7223-7239. | 3.7 | 5 |
| 6 | Distributed algorithm for μ -generalized Nash equilibria with uncertain coupled constraints. Automatica, 2021, 123, 109313. | 5.0 | 35 |
| 7 | Distributed Nonsmooth Convex Optimization over Markovian Switching Random Networks with Two Step-Sizes. Journal of Systems Science and Complexity, 2021, 34, 1324-1344. | 2.8 | 5 |
| 8 | Distributed Gradient Tracking Methods with Finite Data Rates. Journal of Systems Science and Complexity, 2021, 34, 1927-1952. | 2.8 | 5 |
| 9 | No-regret learning for repeated concave games with lossy bandits. , 2021, , . | | 1 |
| 10 | Asynchronous Distributed Algorithms for Seeking Generalized Nash Equilibria Under Full and Partial-Decision Information. IEEE Transactions on Cybernetics, 2020, 50, 2514-2526. | 9.5 | 48 |
| 11 | Distributed policy evaluation via inexact ADMM in multi-agent reinforcement learning. Control Theory and Technology, 2020, 18, 362-378. | 1.6 | 10 |
| 12 | Synthesis of recurrent neural dynamics for monotone inclusion with application to Bayesian inference. Neural Networks, 2020, 131, 231-241. | 5.9 | 0 |
| 13 | Distributed best response dynamics for Nash equilibrium seeking in potential games. Control Theory and Technology, 2020, 18, 324-332. | 1.6 | 3 |
| 14 | Asynchronous Distributed Power Control of Multimicrogrid Systems. IEEE Transactions on Control of Network Systems, 2020, 7, 1960-1973. | 3.7 | 15 |
| 15 | Distributed Algorithms with Finite Data Rates that Solve Linear Equations. SIAM Journal on Optimization, 2020, 30, 1191-1222. | 2.0 | 16 |
| 16 | New directions in distributed Nash equilibrium seeking based on monotone operator theory. Control Theory and Technology, 2020, 18, 333-335. | 1.6 | 2 |
| 17 | A Communication-efficient Linearly Convergent Algorithm with Variance Reduction for Distributed Stochastic Optimization. , 2020, , . | | 3 |
| 18 | Distributed Optimization Over Markovian Switching Random Network. , 2020, , . | | 1 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Multiple Timescale Online Learning Rules for Information Maximization with Energetic Constraints. <i>Neural Computation</i> , 2019, 31, 943-979. | 2.2 | 0 |
| 20 | Quantized Gradient-Descent Algorithm for Distributed Resource Allocation. <i>Unmanned Systems</i> , 2019, 07, 119-136. | 3.6 | 5 |
| 21 | An operator splitting approach for distributed generalized Nash equilibria computation. <i>Automatica</i> , 2019, 102, 111-121. | 5.0 | 151 |
| 22 | Distributed Generalized Nash Equilibria Computation of Monotone Games via Double-Layer Preconditioned Proximal-Point Algorithms. <i>IEEE Transactions on Control of Network Systems</i> , 2019, 6, 299-311. | 3.7 | 61 |
| 23 | Distributed resource allocation over random networks based on stochastic approximation. <i>Systems and Control Letters</i> , 2018, 114, 44-51. | 2.3 | 33 |
| 24 | Distributed coordination for a class of nonlinear multi-agent systems with regulation constraints. <i>IET Control Theory and Applications</i> , 2018, 12, 1-9. | 2.1 | 16 |
| 25 | Distributed Constrained Optimization Using a Projected Differential Inclusion. , 2018, , . | | 0 |
| 26 | Network Linear Equations with Finite Data Rates. , 2018, , . | | 0 |
| 27 | Projected primal-dual gradient flow of augmented Lagrangian with application to distributed maximization of the algebraic connectivity of a network. <i>Automatica</i> , 2018, 98, 34-41. | 5.0 | 9 |
| 28 | Distributed Continuous-Time Algorithms for Nonsmooth Extended Monotropic Optimization Problems. <i>SIAM Journal on Control and Optimization</i> , 2018, 56, 3973-3993. | 2.1 | 59 |
| 29 | Distributed Algorithm for Robust Resource Allocation with Polyhedral Uncertain Allocation Parameters. <i>Journal of Systems Science and Complexity</i> , 2018, 31, 103-119. | 2.8 | 26 |
| 30 | Asynchronous distributed algorithm for seeking generalized Nash equilibria. , 2018, , . | | 6 |
| 31 | Distributed Optimization Design of Continuous-Time Multiagent Systems With Unknown-Frequency Disturbances. <i>IEEE Transactions on Cybernetics</i> , 2017, 47, 2058-2066. | 9.5 | 46 |
| 32 | Distributed Nash equilibrium seeking for aggregative games with coupled constraints. <i>Automatica</i> , 2017, 85, 179-185. | 5.0 | 179 |
| 33 | Distributed algorithm for generalized Nash equilibria seeking of network aggregative game. , 2017, , . | | 1 |
| 34 | Distributed continuous-time algorithm for robust resource allocation problems using output feedback. , 2017, , . | | 8 |
| 35 | Distributed Continuous-Time Algorithm for Constrained Convex Optimizations via Nonsmooth Analysis Approach. <i>IEEE Transactions on Automatic Control</i> , 2017, 62, 5227-5233. | 5.7 | 162 |
| 36 | Distributed Nash equilibrium seeking of a class of aggregative games. , 2017, , . | | 7 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | A distributed primal-dual algorithm for computation of generalized Nash equilibria via operator splitting methods. , 2017, , . | | 32 |
| 38 | Convergence analysis of accelerated distributed gradient methods with random sleeping scheme. , 2016, , . | | 0 |
| 39 | Initialization-free distributed algorithms for optimal resource allocation with feasibility constraints and application to economic dispatch of power systems. Automatica, 2016, 74, 259-269. | 5.0 | 326 |
| 40 | Distributed optimization design based on passivity technique. , 2016, , . | | 9 |
| 41 | A gradient-based dissipative continuous-time algorithm for distributed optimization. , 2016, , . | | 4 |
| 42 | Stochastic sub-gradient algorithm for distributed optimization with random sleep scheme. Control Theory and Technology, 2015, 13, 333-347. | 1.6 | 24 |
| 43 | Distributed gradient algorithm for constrained optimization with application to load sharing in power systems. Systems and Control Letters, 2015, 83, 45-52. | 2.3 | 235 |
| 44 | Droop control of microgrids based on distributed optimization. , 2015, , . | | 1 |
| 45 | Potential game design for a class of distributed optimisation problems. Journal of Control and Decision, 2014, 1, 166-179. | 1.6 | 25 |
| 46 | Distributed continuous-time gradient-based algorithm for constrained optimization. , 2014, , . | | 11 |
| 47 | Quantized Subgradient Algorithm and Data-Rate Analysis for Distributed Optimization. IEEE Transactions on Control of Network Systems, 2014, 1, 380-392. | 3.7 | 129 |
| 48 | Dynamic optimization for multi-agent systems with external disturbances. Control Theory and Technology, 2014, 12, 132-138. | 1.6 | 49 |