# Haris E Psillakis

## List of Publications by Year
in descending order

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|---|---|---|---|
| 32 papers | 431 citations | 840585 11 h-index | 752573 20 g-index |
| 32 all docs | 32 docs citations | 32 times ranked | 325 citing authors |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 1 | NN-Based Adaptive Tracking Control of Uncertain Nonlinear Systems Disturbed by Unknown Covariance Noise. IEEE Transactions on Neural Networks, 2007, 18, 1830-1835. | 4.8 | 95 |
| 2 | Consensus in Networks of Agents With Unknown High-Frequency Gain Signs and Switching Topology. IEEE Transactions on Automatic Control, 2017, 62, 3993-3998. | 3.6 | 50 |
| 3 | Cooperative Control of Multiple Agents With Unknown High-Frequency Gain Signs Under Unbalanced and Switching Topologies. IEEE Transactions on Automatic Control, 2019, 64, 2495-2501. | 3.6 | 49 |
| 4 | Further Results on the Use of Nussbaum Gains in Adaptive Neural Network Control. IEEE Transactions on Automatic Control, 2010, 55, 2841-2846. | 3.6 | 44 |
| 5 | Adaptive Cooperative Control With Guaranteed Convergence in Time-Varying Networks of Nonlinear Dynamical Systems. IEEE Transactions on Cybernetics, 2020, 50, 5035-5046. | 6.2 | 30 |
| 6 | Adaptive neural motion control of n-link robot manipulators subject to unknown disturbances and stochastic perturbations. IET Control Theory and Applications, 2006, 153, 127-138. | 1.7 | 17 |
| 7 | Adaptive Neural Tracking for a Class of SISO Uncertain and Stochastic Nonlinear Systems. , 0, , . | | 16 |
| 8 | Adaptive NN Cooperative Control of Unknown Nonlinear Multiagent Systems With Communication Delays. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 5311-5321. | 5.9 | 16 |
| 9 | Integrator backstepping with the nonlinear PI method: An integral equation approach. European Journal of Control, 2016, 28, 49-55. | 1.6 | 13 |
| 10 | Cooperative Control of Multiple High-Order Agents With Nonidentical Unknown Control Directions Under Fixed and Time-Varying Topologies. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 2582-2591. | 5.9 | 13 |
| 11 | Adaptive NN Distributed Control for Time-Varying Networks of Nonlinear Agents With Antagonistic Interactions. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 2573-2583. | 7.2 | 13 |
| 12 | An extension of the Georgiou–Smith example: Boundedness and attractivity in the presence of unmodelled dynamics via nonlinear PI control. Systems and Control Letters, 2016, 92, 1-4. | 1.3 | 12 |
| 13 | PI consensus error transformation for adaptive cooperative control of nonlinear multi-agent systems. Journal of the Franklin Institute, 2019, 356, 11581-11604. | 1.9 | 10 |
| 14 | Sampled-Data Adaptive NN Tracking Control of Uncertain Nonlinear Systems. IEEE Transactions on Neural Networks, 2009, 20, 336-355. | 4.8 | 9 |
| 15 | Prescribed performance bipartite consensus for nonlinear agents with antagonistic interactions: A PI transformation approach. Journal of the Franklin Institute, 2021, 358, 2382-2404. | 1.9 | 7 |
| 16 | Coordinated Excitation and Static Var Compensator Control with Delayed Feedback Measurements in SGIB Power Systems. Energies, 2020, 13, 2181. | 1.6 | 6 |
| 17 | Optimal Consensus via OCPI Regulation for Unknown Pure-Feedback Agents with Disturbances and State-Delays. IEEE Transactions on Automatic Control, 2022, , 1-1. | 3.6 | 6 |
| 18 | Projection-Based Adaptive Neurocontrol With Switching Logic Deadzone Tuning. IEEE Transactions on Neural Networks, 2009, 20, 1520-1527. | 4.8 | 5 |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 19 | Further results on robustness of the nonlinear PI control method: The ignored actuator dynamics case. , 2016, , . | | 4 |
| 20 | PdI Regulation for Consensus: Application to Unknown Pure-Feedback Agents With State and Communication Delays. IEEE Transactions on Control of Network Systems, 2021, 8, 1964-1974. | 2.4 | 4 |
| 21 | Distributed UAV Formation Control with Prescribed Performance. , 2020, , . | | 3 |
| 22 | Improving Transient Performance of Nussbaum Gain-based Controllers with Barrier Liapunov Functions. , 2012, , . | | 3 |
| 23 | Adaptive identification of Fuzzy Cognitive Networks. , 2010, , . | | 2 |
| 24 | Unifying adaptive control with the nonlinear PI methodology: Designs for unknown strict€feedback nonlinear systems with nonsmooth actuator nonlinearities. International Journal of Adaptive Control and Signal Processing, 2018, 32, 362-377. | 2.3 | 2 |
| 25 | Distributed Adaptive Consensus of Nonlinear Heterogeneous Agents With Delayed and Sampled Neighbor Measurements. IEEE Transactions on Cybernetics, 2022, 52, 2340-2350. | 6.2 | 2 |
| 26 | Boundary Layer Sliding Mode Control for Multimachine Power Systems improved by Antiwindup Integral Action. , 0, , . | | 0 |
| 27 | Passivity Margin and Related Bounds for Linear Systems. , 0, , . | | 0 |
| 28 | Guaranteeing passivity by output feedback gain-matrix construction. , 2007, , . | | 0 |
| 29 | EGFR Signaling Pathway estimation using a RISE-based asymptotic observer. , 2011, , . | | 0 |
| 30 | Nonlinear PI robust adaptive control for uncertain multiple€input multiple€output nonlinear systems: Application to the visual servoing problem. International Journal of Adaptive Control and Signal Processing, 2022, 36, 209-229. | 2.3 | 0 |
| 31 | An Adaptive NN Controller with Second Order SMC-Based NN Weight Update Law for Asymptotic Tracking. Lecture Notes in Computer Science, 2009, , 815-822. | 1.0 | 0 |
| 32 | Using RISE Observer to Implement Patchy Neural Network for the Identification of â€œWing Rockâ€• Phenomenon on Slender Delta 80Â° Wings. Communications in Computer and Information Science, 2012, , 264-271. | 0.4 | 0 |