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## List of Publications by Year in descending order

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Version: 2024-02-01

61  
papers

1,118  
citations

430874

18  
h-index

414414

32  
g-index

63  
all docs

63  
docs citations

63  
times ranked

506  
citing authors

| #  | ARTICLE                                                                                                                                                                                                   | IF  | CITATIONS |
|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 1  | Convergence rate of least-squares identification and adaptive control for stochastic systems. International Journal of Control, 1986, 44, 1459-1476.                                                      | 1.9 | 147       |
| 2  | Primal-dual algorithm for distributed constrained optimization. Systems and Control Letters, 2016, 96, 110-117.                                                                                           | 2.3 | 86        |
| 3  | Recursive Identification for Wiener Model With Discontinuous Piece-Wise Linear Function. IEEE Transactions on Automatic Control, 2006, 51, 390-400.                                                       | 5.7 | 82        |
| 4  | Output Tracking for Nonlinear Stochastic Systems by Iterative Learning Control. IEEE Transactions on Automatic Control, 2004, 49, 583-588.                                                                | 5.7 | 66        |
| 5  | Recursive Identification for Hammerstein System With ARX Subsystem. IEEE Transactions on Automatic Control, 2006, 51, 1966-1974.                                                                          | 5.7 | 61        |
| 6  | Strong consistency of recursive identification for Hammerstein systems with discontinuous piecewise-linear memoryless block. IEEE Transactions on Automatic Control, 2005, 50, 1612-1617.                 | 5.7 | 49        |
| 7  | Recursive Identification for Nonlinear ARX Systems Based on Stochastic Approximation Algorithm. IEEE Transactions on Automatic Control, 2010, 55, 1287-1299.                                              | 5.7 | 49        |
| 8  | Asymptotic properties of sign algorithms for adaptive filtering. IEEE Transactions on Automatic Control, 2003, 48, 1545-1556.                                                                             | 5.7 | 36        |
| 9  | Recursive Identification for MIMO Hammerstein Systems. IEEE Transactions on Automatic Control, 2011, 56, 895-902.                                                                                         | 5.7 | 34        |
| 10 | Consistent estimation of the order of stochastic control systems. IEEE Transactions on Automatic Control, 1987, 32, 531-535.                                                                              | 5.7 | 33        |
| 11 | Recursive Identification of MIMO Wiener Systems. IEEE Transactions on Automatic Control, 2013, 58, 802-808.                                                                                               | 5.7 | 33        |
| 12 | New Approach to Recursive Identification for ARMAX Systems. IEEE Transactions on Automatic Control, 2010, 55, 868-879.                                                                                    | 5.7 | 30        |
| 13 | Asymptotic Properties of Primal-Dual Algorithm for Distributed Stochastic Optimization over Random Networks with Imperfect Communications. SIAM Journal on Control and Optimization, 2018, 56, 2159-2188. | 2.1 | 27        |
| 14 | Convergence rates of continuous-time stochastic ELS parameter estimation. IEEE Transactions on Automatic Control, 1987, 32, 267-269.                                                                      | 5.7 | 26        |
| 15 | Recursive Identification of Multi-Input Multi-Output Errors-in-Variables Hammerstein Systems. IEEE Transactions on Automatic Control, 2015, 60, 843-849.                                                  | 5.7 | 23        |
| 16 | Optimal stochastic adaptive control with quadratic index. International Journal of Control, 1986, 43, 869-881.                                                                                            | 1.9 | 21        |
| 17 | Adaptive control via consistent estimation for deterministic systems. International Journal of Control, 1987, 45, 2183-2202.                                                                              | 1.9 | 21        |
| 18 | Asymptotically efficient stochastic approximation. Stochastic and Stochastics Reports, 1993, 45, 1-16.                                                                                                    | 0.6 | 20        |

| #  | ARTICLE                                                                                                                                                                             | IF  | CITATIONS |
|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 19 | Stability and instability of limit points for stochastic approximation algorithms. IEEE Transactions on Automatic Control, 2000, 45, 413-420.                                       | 5.7 | 19        |
| 20 | On control of strong consensus for networked agents with noisy observations. Journal of Systems Science and Complexity, 2012, 25, 1-12.                                             | 2.8 | 18        |
| 21 | Robust adaptive pole placement for linear time-varying systems. IEEE Transactions on Automatic Control, 1996, 41, 714-719.                                                          | 5.7 | 17        |
| 22 | Convergence of stochastic-approximation-based algorithms for blind channel identification. IEEE Transactions on Information Theory, 2002, 48, 1214-1225.                            | 2.4 | 17        |
| 23 | Adaptive Regulator for Hammerstein and Wiener Systems With Noisy Observations. IEEE Transactions on Automatic Control, 2007, 52, 703-709.                                           | 5.7 | 17        |
| 24 | Robustness analysis for stochastic approximation algorithms. Stochastic and Stochastics Reports, 1989, 26, 3-20.                                                                    | 0.6 | 16        |
| 25 | Convergence of perturbation analysis based optimization algorithm with fixed number of customers period. Discrete Event Dynamic Systems: Theory and Applications, 1994, 4, 359-375. | 1.5 | 14        |
| 26 | Distributed Randomized PageRank Algorithm Based on Stochastic Approximation. IEEE Transactions on Automatic Control, 2015, 60, 1641-1646.                                           | 5.7 | 13        |
| 27 | Accessibility of switched linear systems. , 0, , .                                                                                                                                  |     | 12        |
| 28 | A Kiefer-Wolfowitz Algorithm Based Iterative Learning Control for Hammerstein-Wiener Systems. Asian Journal of Control, 2012, 14, 1070-1083.                                        | 3.0 | 12        |
| 29 | Convergence rates in stochastic adaptive tracking. International Journal of Control, 1989, 49, 1915-1935.                                                                           | 1.9 | 9         |
| 30 | Recursive identification for Wiener systems using Gaussian inputs. Asian Journal of Control, 2008, 10, 341-350.                                                                     | 3.0 | 9         |
| 31 | Output Consensus of Networked Hammerstein and Wiener Systems. SIAM Journal on Control and Optimization, 2019, 57, 1230-1254.                                                        | 2.1 | 9         |
| 32 | Nonlinear adaptive blind whitening for MIMO channels. IEEE Transactions on Signal Processing, 2005, 53, 2635-2647.                                                                  | 5.3 | 7         |
| 33 | New results on recursive identification of NARX systems. International Journal of Adaptive Control and Signal Processing, 2011, 25, 855-875.                                        | 4.1 | 7         |
| 34 | Distributed Stochastic Approximation Algorithm With Expanding Truncations. IEEE Transactions on Automatic Control, 2020, 65, 664-679.                                               | 5.7 | 7         |
| 35 | Continuous-time stochastic approximation: Convergence and asymptotic efficiency. Stochastic and Stochastics Reports, 1994, 51, 217-239.                                             | 0.6 | 6         |
| 36 | Recursive estimation for ordered eigenvectors of symmetric matrix with observation noise. Journal of Mathematical Analysis and Applications, 2011, 382, 822-842.                    | 1.0 | 5         |

| #  | ARTICLE                                                                                                                                                                              | IF  | CITATIONS |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 37 | Distributed estimation for parameter in heterogeneous linear time-varying models with observations at network sensors. Communications in Information and Systems, 2015, 15, 423-451. | 0.5 | 5         |
| 38 | Optimal adaptive control and consistent parameter estimates for ARMAX model with quadratic cost. , 1986, , .                                                                         |     | 4         |
| 39 | Distributed and recursive blind channel identification to sensor networks. Control Theory and Technology, 2017, 15, 274-287.                                                         | 1.6 | 4         |
| 40 | Stochastic approximation based PCA and its application to identification of EIV systems. , 2012, , .                                                                                 |     | 3         |
| 41 | Distributed system identification for linear stochastic systems with binary sensors. Automatica, 2022, 141, 110298.                                                                  | 5.0 | 3         |
| 42 | Adaptive regulator for discrete-time nonlinear nonparametric systems. IEEE Transactions on Automatic Control, 2001, 46, 1836-1840.                                                   | 5.7 | 2         |
| 43 | Nonconvex Stochastic Optimization for Model Reduction. Journal of Global Optimization, 2002, 23, 359-372.                                                                            | 1.8 | 2         |
| 44 | Blind Channel Identification Based on Noisy Observation by Stochastic Approximation Method. Journal of Global Optimization, 2003, 27, 249-271.                                       | 1.8 | 2         |
| 45 | Nonparametric approach to identifying NARX systems. Journal of Systems Science and Complexity, 2010, 23, 3-21.                                                                       | 2.8 | 2         |
| 46 | Adaptive tracking for NARX system based on stochastic approximation algorithm. , 2020, , .                                                                                           |     | 2         |
| 47 | Convergence of sa algorithms in multi-root or multi-extreme cases. Stochastic and Stochastics Reports, 1998, 64, 255-266.                                                            | 0.6 | 1         |
| 48 | Convergence Rate of Ordinal Optimization for Stochastic Discrete Event Systems. Discrete Event Dynamic Systems: Theory and Applications, 1999, 9, 23-43.                             | 1.5 | 1         |
| 49 | On Stability and Trajectory Boundedness in Mean-square Sense for ARMA Processes. Acta Mathematicae Applicatae Sinica, 2003, 19, 573-580.                                             | 0.7 | 1         |
| 50 | Nonparametric Approach to Identification of Hammerstein and Wiener Systems. , 0, , .                                                                                                 |     | 1         |
| 51 | Stochastic Approximation with Applications. , 2021, , 2154-2160.                                                                                                                     |     | 1         |
| 52 | Reducing measurements for Kiefer-Wolfowitz Algorithm. Proceedings of the ISCIE International Symposium on Stochastic Systems Theory and Its Applications, 1997, 1997, 31-36.         | 0.2 | 1         |
| 53 | Recursive algorithms for multichannel blind identification. , 0, , .                                                                                                                 |     | 1         |
| 54 | Optimal adaptive control for a class of stochastic systems. , 0, , .                                                                                                                 |     | 0         |

| #  | ARTICLE                                                                                                                                                                                                                            | IF  | CITATIONS |
|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 55 | Robust adaptive stabilization for time-varying systems with unmodelled dynamics and disturbances. International Journal of Adaptive Control and Signal Processing, 1996, 10, 531-550.                                              | 4.1 | 0         |
| 56 | Optimal adaptive control for a class of stochastic systems. Sadhana - Academy Proceedings in Engineering Sciences, 1997, 22, 485-498.                                                                                              | 1.3 | 0         |
| 57 | Convergence and applications of stochastic approximation with state-dependent noise. , 2001, , .                                                                                                                                   |     | 0         |
| 58 | A local information criterion for order identification of nonlinear ARX systems. , 2013, , .                                                                                                                                       |     | 0         |
| 59 | Distributed dynamic stochastic approximation algorithm over time-varying networks. Autonomous Intelligent Systems, 2021, 1, 1.                                                                                                     | 3.1 | 0         |
| 60 | Nonlinear Filter of Stochastic Approximation Type with Randomly Varying Truncations and its Acceleration. Proceedings of the ISCIE International Symposium on Stochastic Systems Theory and Its Applications, 2001, 2001, 111-116. | 0.2 | 0         |
| 61 | Function optimization by simultaneous perturbation stochastic approximation with randomly varying truncations. , 2003, , .                                                                                                         |     | 0         |