

Ruifeng Ding

List of Publications by Year in Descending Order

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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.

423
papers

18,394
citations

79
h-index

116
g-index

479
ext. papers

22,868
ext. citations

3.3
avg, IF

7.95
L-index

| # | Paper | IF | Citations |
|-----------------|--|-----|-----------|
| 4 ²³ | Gradient-based Iterative Parameter Estimation for a Finite Impulse Response System with Saturation Nonlinearity. <i>International Journal of Control, Automation and Systems</i> , 2022 , 20, 73-83 | 2.9 | 0 |
| 4 ²² | Modified particle filtering-based robust estimation for a networked control system corrupted by impulsive noise. <i>International Journal of Robust and Nonlinear Control</i> , 2022 , 32, 830 | 3.6 | 3 |
| 4 ²¹ | Partially-coupled nonlinear parameter optimization algorithm for a class of multivariate hybrid models. <i>Applied Mathematics and Computation</i> , 2022 , 414, 126663 | 2.7 | 18 |
| 4 ²⁰ | Joint Parameter and Time-Delay Estimation for a Class of Nonlinear Time-Series Models. <i>IEEE Signal Processing Letters</i> , 2022 , 1-1 | 3.2 | 4 |
| 4 ¹⁹ | Separable Synchronous Multi-Innovation Gradient-Based Iterative Signal Modeling From On-Line Measurements. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2022 , 71, 1-13 | 5.2 | 5 |
| 4 ¹⁸ | Distributed simultaneous state and parameter estimation of nonlinear systems. <i>Chemical Engineering Research and Design</i> , 2022 , 181, 74-86 | 5.5 | 0 |
| 4 ¹⁷ | A novel nonlinear optimization method for fitting a noisy Gaussian activation function. <i>International Journal of Adaptive Control and Signal Processing</i> , 2022 , 36, 690-707 | 2.8 | 2 |
| 4 ¹⁶ | Expectation maximization algorithm for bilinear systems by using the Rauch-Tung-Striebel smoother. <i>Automatica</i> , 2022 , 142, 110365 | 5.7 | 1 |
| 4 ¹⁵ | Fitting nonlinear signal models using the increasing-data criterion. <i>IEEE Signal Processing Letters</i> , 2022 , 1-1 | 3.2 | 2 |
| 4 ¹⁴ | Sliding Mode Dual-Channel Disturbance Rejection Attitude Control for a Quadrotor. <i>IEEE Transactions on Industrial Electronics</i> , 2021 , 1-1 | 8.9 | 4 |
| 4 ¹³ | Optimal adaptive filtering algorithm by using the fractional-order derivative. <i>IEEE Signal Processing Letters</i> , 2021 , 1-1 | 3.2 | 19 |
| 4 ¹² | Accelerated gradient descent estimation for rational models by using Volterra series: structure identification and parameter estimation. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2021 , 1-1 | 3.5 | 1 |
| 4 ¹¹ | Parameter estimation for a class of radial basis function-based nonlinear time-series models with moving average noises. <i>Journal of the Franklin Institute</i> , 2021 , 358, 2576-2595 | 4 | 1 |
| 4 ¹⁰ | Parameter estimation for an exponential autoregressive time series model by the Newton search and multi-innovation theory. <i>International Journal of Systems Science</i> , 2021 , 52, 2630-2645 | 2.3 | |
| 4 ⁰⁹ | Hierarchical recursive signal modeling for multifrequency signals based on discrete measured data. <i>International Journal of Adaptive Control and Signal Processing</i> , 2021 , 35, 676-693 | 2.8 | 32 |
| 4 ⁰⁸ | Identification methods of nonlinear systems based on the kernel functions. <i>Nonlinear Dynamics</i> , 2021 , 104, 2537-2552 | 5 | 3 |
| 4 ⁰⁷ | Recursive least squares estimation methods for a class of nonlinear systems based on non-uniform sampling. <i>International Journal of Adaptive Control and Signal Processing</i> , 2021 , 35, 1612-1632 | 2.8 | 1 |

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| 406 | Hierarchical gradient- and least squares-based iterative algorithms for input nonlinear output-error systems using the key term separation. <i>Journal of the Franklin Institute</i> , 2021 , 358, 5113-5135 | 4 | 14 |
| 405 | Decomposition-based over-parameterization forgetting factor stochastic gradient algorithm for Hammerstein-Wiener nonlinear systems with non-uniform sampling. <i>International Journal of Robust and Nonlinear Control</i> , 2021 , 31, 6007-6024 | 3.6 | 4 |
| 404 | Identification of the nonlinear systems based on the kernel functions. <i>International Journal of Robust and Nonlinear Control</i> , 2021 , 31, 6917-6933 | 3.6 | 0 |
| 403 | Gradient-based recursive parameter estimation for a periodically nonuniformly sampled-data Hammerstein-Wiener system based on the key-term separation. <i>International Journal of Adaptive Control and Signal Processing</i> , 2021 , 35, 1970 | 2.8 | 1 |
| 402 | Multi-innovation Newton recursive methods for solving the support vector machine regression problems. <i>International Journal of Robust and Nonlinear Control</i> , 2021 , 31, 7239-7260 | 3.6 | 0 |
| 401 | Identification of Two-Dimensional Causal Systems With Missing Output Data via Expectation-Maximization Algorithm. <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 17, 5185-5196 | 11.9 | 3 |
| 400 | Correlation Analysis-based Stochastic Gradient and Least Squares Identification Methods for Errors-in-variables Systems Using the Multiinnovation. <i>International Journal of Control, Automation and Systems</i> , 2021 , 19, 289-300 | 2.9 | 5 |
| 399 | Auxiliary model multiinnovation stochastic gradient parameter estimation methods for nonlinear sandwich systems. <i>International Journal of Robust and Nonlinear Control</i> , 2021 , 31, 148-165 | 3.6 | 45 |
| 398 | Photoacoustic imaging-guided chemo-photothermal combinational therapy based on emissive Pt(II) metallacycle-loaded biomimic melanin dots. <i>Science China Chemistry</i> , 2021 , 64, 134-142 | 7.9 | 4 |
| 397 | Three-stage multi-innovation parameter estimation for an exponential autoregressive time-series model with moving average noise by using the data filtering technique. <i>International Journal of Robust and Nonlinear Control</i> , 2021 , 31, 166-184 | 3.6 | 9 |
| 396 | Parameter estimation algorithms of linear systems with time-delays based on the frequency responses and harmonic balances under the multi-frequency sinusoidal signal excitation. <i>Signal Processing</i> , 2021 , 181, 107904 | 4.4 | 15 |
| 395 | Hierarchical estimation approach for RBF-AR models with regression weights based on the increasing data length. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2021 , 1-1 | 3.5 | 32 |
| 394 | Extended Gradient-based Iterative Algorithm for Bilinear State-space Systems with Moving Average Noises by Using the Filtering Technique. <i>International Journal of Control, Automation and Systems</i> , 2021 , 19, 1597-1606 | 2.9 | 11 |
| 393 | The robust multi-innovation estimation algorithm for Hammerstein non-linear systems with non-Gaussian noise. <i>IET Control Theory and Applications</i> , 2021 , 15, 989-1002 | 2.5 | 1 |
| 392 | Auxiliary model-based iterative parameter estimation for a nonlinear output-error system with saturation and dead-zone nonlinearity. <i>International Journal of Robust and Nonlinear Control</i> , 2021 , 31, 4262-4286 | 3.6 | 4 |
| 391 | Aitken-based Acceleration Estimation Algorithms for a Nonlinear Model with Exponential Terms by Using the Decomposition. <i>International Journal of Control, Automation and Systems</i> , 2021 , 19, 3720 | 2.9 | 0 |
| 390 | Hierarchical extended least squares estimation approaches for a multi-input multi-output stochastic system with colored noise from observation data. <i>Journal of the Franklin Institute</i> , 2020 , 357, 11094-11110 | 4 | 4 |
| 389 | Parameter estimation for time-delay systems based on the frequency responses and harmonic balance methods. <i>International Journal of Adaptive Control and Signal Processing</i> , 2020 , 34, 1779-1798 | 2.8 | 0 |

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| 388 | Data filtering-based parameter and state estimation algorithms for state-space systems disturbed by coloured noises. <i>International Journal of Systems Science</i> , 2020 , 51, 1669-1684 | 2.3 | 5 |
| 387 | Combined estimation of the parameters and states for a multivariable state-space system in presence of colored noise. <i>International Journal of Adaptive Control and Signal Processing</i> , 2020 , 34, 590-613 | 2.8 | 8 |
| 386 | Recursive Identification of Errors-in-Variables Systems Based on the Correlation Analysis. <i>Circuits, Systems, and Signal Processing</i> , 2020 , 39, 5951-5981 | 2.2 | 2 |
| 385 | Moving data window gradient-based iterative algorithm of combined parameter and state estimation for bilinear systems. <i>International Journal of Robust and Nonlinear Control</i> , 2020 , 30, 2413-2429 | 3.6 | 8 |
| 384 | Bias Correction-Based Recursive Estimation for Dual-Rate Output-Error Systems with Sampling Noise. <i>Circuits, Systems, and Signal Processing</i> , 2020 , 39, 4297-4319 | 2.2 | 3 |
| 383 | Recursive search-based identification algorithms for the exponential autoregressive time series model with coloured noise. <i>IET Control Theory and Applications</i> , 2020 , 14, 262-270 | 2.5 | 3 |
| 382 | Interval Error Correction Auxiliary Model Based Gradient Iterative Algorithms for Multirate ARX Models. <i>IEEE Transactions on Automatic Control</i> , 2020 , 65, 4385-4392 | 5.9 | 17 |
| 381 | Recursive methods for estimating the radial basis function-based state-dependent autoregressive model. <i>International Journal of Robust and Nonlinear Control</i> , 2020 , 30, 2475-2492 | 3.6 | 6 |
| 380 | Data filtering based maximum likelihood gradient estimation algorithms for a multivariate equation-error system with ARMA noise. <i>Journal of the Franklin Institute</i> , 2020 , 357, 5640-5662 | 4 | 10 |
| 379 | Separable multi-innovation stochastic gradient estimation algorithm for the nonlinear dynamic responses of systems. <i>International Journal of Adaptive Control and Signal Processing</i> , 2020 , 34, 937-954 | 2.8 | 51 |
| 378 | Data filtering-based recursive identification for an exponential autoregressive moving average model by using the multi-innovation theory. <i>IET Control Theory and Applications</i> , 2020 , 14, 2526-2534 | 2.5 | 1 |
| 377 | Recursive Estimation Method for Bilinear Systems by Using the Hierarchical Identification Principle. <i>Lecture Notes in Electrical Engineering</i> , 2020 , 979-987 | 0.2 | |
| 376 | Parameter estimation for a multi-input multi-output state-space system with unmeasurable states through the data filtering technique. <i>IET Control Theory and Applications</i> , 2020 , 14, 3062-3075 | 2.5 | 0 |
| 375 | Recursive parameter estimation and its convergence for bilinear systems. <i>IET Control Theory and Applications</i> , 2020 , 14, 677-688 | 2.5 | 47 |
| 374 | Hierarchical multi-innovation generalised extended stochastic gradient methods for multivariable equation-error autoregressive moving average systems. <i>IET Control Theory and Applications</i> , 2020 , 14, 1276-1286 | 2.5 | 29 |
| 373 | Improved least-squares identification for multiple-output non-linear stochastic systems. <i>IET Control Theory and Applications</i> , 2020 , 14, 964-971 | 2.5 | 3 |
| 372 | Partially-coupled gradient-based iterative algorithms for multivariable output-error-like systems with autoregressive moving average noises. <i>IET Control Theory and Applications</i> , 2020 , 14, 2613-2627 | 2.5 | 43 |
| 371 | Recursive coupled projection algorithms for multivariable output-error-like systems with coloured noises. <i>IET Signal Processing</i> , 2020 , 14, 455-466 | 1.7 | 64 |

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| 370 | A New Iterative Least Squares Parameter Estimation Approach for Equation-error Autoregressive Systems. <i>International Journal of Control, Automation and Systems</i> , 2020 , 18, 780-790 | 2.9 | 25 |
| 369 | Two-stage Gradient-based Iterative Estimation Methods for Controlled Autoregressive Systems Using the Measurement Data. <i>International Journal of Control, Automation and Systems</i> , 2020 , 18, 886-896 | 2.9 | 98 |
| 368 | Recursive parameter estimation methods and convergence analysis for a special class of nonlinear systems. <i>International Journal of Robust and Nonlinear Control</i> , 2020 , 30, 1373-1393 | 3.6 | 50 |
| 367 | Joint Multi-innovation Recursive Extended Least Squares Parameter and State Estimation for a Class of State-space Systems. <i>International Journal of Control, Automation and Systems</i> , 2020 , 18, 1412-1424 | 2.9 | 35 |
| 366 | Hierarchical parameter and state estimation for bilinear systems. <i>International Journal of Systems Science</i> , 2020 , 51, 275-290 | 2.3 | 73 |
| 365 | Hierarchical least squares identification for feedback nonlinear equation-error systems. <i>Journal of the Franklin Institute</i> , 2020 , 357, 2958-2977 | 4 | 11 |
| 364 | Recursive identification of bilinear time-delay systems through the redundant rule. <i>Journal of the Franklin Institute</i> , 2020 , 357, 726-747 | 4 | 34 |
| 363 | Gradient estimation algorithms for the parameter identification of bilinear systems using the auxiliary model. <i>Journal of Computational and Applied Mathematics</i> , 2020 , 369, 112575 | 2.4 | 96 |
| 362 | Adaptive parameter estimation for a general dynamical system with unknown states. <i>International Journal of Robust and Nonlinear Control</i> , 2020 , 30, 1351-1372 | 3.6 | 62 |
| 361 | Modeling Nonlinear Processes Using the Radial Basis Function-Based State-Dependent Autoregressive Models. <i>IEEE Signal Processing Letters</i> , 2020 , 27, 1600-1604 | 3.2 | 44 |
| 360 | Two-stage gradient-based iterative algorithm for bilinear stochastic systems over the moving data window. <i>Journal of the Franklin Institute</i> , 2020 , 357, 11021-11041 | 4 | 1 |
| 359 | Two-stage recursive identification algorithms for a class of nonlinear time series models with colored noise. <i>International Journal of Robust and Nonlinear Control</i> , 2020 , 30, 7766-7782 | 3.6 | 2 |
| 358 | The filtering based auxiliary model generalized extended stochastic gradient identification for a multivariate output-error system with autoregressive moving average noise using the multi-innovation theory. <i>Journal of the Franklin Institute</i> , 2020 , 357, 5591-5609 | 4 | 7 |
| 357 | Maximum likelihood-based adaptive differential evolution identification algorithm for multivariable systems in the state-space form. <i>International Journal of Adaptive Control and Signal Processing</i> , 2020 , 34, 1658-1676 | 2.8 | 2 |
| 356 | The modified extended Kalman filter based recursive estimation for Wiener nonlinear systems with process noise and measurement noise. <i>International Journal of Adaptive Control and Signal Processing</i> , 2020 , 34, 1321-1340 | 2.8 | 4 |
| 355 | Separable Recursive Gradient Algorithm for Dynamical Systems Based on the Impulse Response Signals. <i>International Journal of Control, Automation and Systems</i> , 2020 , 18, 3167-3177 | 2.9 | 20 |
| 354 | Maximum likelihood least squares-based iterative methods for output-error bilinear-parameter models with colored noises. <i>International Journal of Robust and Nonlinear Control</i> , 2020 , 30, 6262-6280 | 3.6 | 21 |
| 353 | Three-stage least squares-based iterative estimation algorithms for bilinear state-space systems based on the bilinear state estimator. <i>International Journal of Adaptive Control and Signal Processing</i> , 2020 , 34, 1501-1518 | 2.8 | 1 |

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| 352 | Parameter identification of a nonlinear radial basis function-based state-dependent autoregressive network with autoregressive noise via the filtering technique and the multiinnovation theory. <i>International Journal of Robust and Nonlinear Control</i> , 2020 , 30, 7619-7634 | 3.6 | 1 |
| 351 | Gradient-Based Particle Filter Algorithm for an ARX Model With Nonlinear Communication Output. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 50, 2198-2207 | 7.3 | 21 |
| 350 | Iterative Identification of Hammerstein Parameter Varying Systems With Parameter Uncertainties Based on the Variational Bayesian Approach. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 50, 1035-1045 | 7.3 | 21 |
| 349 | Recursive Least-squares Estimation for Multivariable Systems Based on the Maximum Likelihood Principle. <i>International Journal of Control, Automation and Systems</i> , 2020 , 18, 503-512 | 2.9 | 5 |
| 348 | Rhomboidal Pt(II) metallacycle-based NIR-II theranostic nanoprobe for tumor diagnosis and image-guided therapy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 1968-1973 | 11.5 | 111 |
| 347 | Gradient-Based Iterative Parameter Estimation Algorithms for Dynamical Systems from Observation Data. <i>Mathematics</i> , 2019 , 7, 428 | 2.3 | 45 |
| 346 | Maximum likelihood gradient identification for multivariate equation-error moving average systems using the multi-innovation theory. <i>International Journal of Adaptive Control and Signal Processing</i> , 2019 , 33, 1031-1046 | 2.8 | 1 |
| 345 | State estimation for bilinear systems through minimizing the covariance matrix of the state estimation errors. <i>International Journal of Adaptive Control and Signal Processing</i> , 2019 , 33, 1157-1173 | 2.8 | 136 |
| 344 | The filtering-based maximum likelihood iterative estimation algorithms for a special class of nonlinear systems with autoregressive moving average noise using the hierarchical identification principle. <i>International Journal of Adaptive Control and Signal Processing</i> , 2019 , 33, 1189-1211 | 2.8 | 93 |
| 343 | Decomposition-based Gradient Estimation Algorithms for Multivariable Equation-error Systems. <i>International Journal of Control, Automation and Systems</i> , 2019 , 17, 2037-2045 | 2.9 | 3 |
| 342 | A nano-cocktail of an NIR-II emissive fluorophore and organoplatinum(ii) metallacycle for efficient cancer imaging and therapy. <i>Chemical Science</i> , 2019 , 10, 7023-7028 | 9.4 | 67 |
| 341 | Two-stage Recursive Least Squares Parameter Estimation Algorithm for Multivariate Output-error Autoregressive Moving Average Systems. <i>International Journal of Control, Automation and Systems</i> , 2019 , 17, 1547-1557 | 2.9 | 0 |
| 340 | A Hierarchical Approach for Joint Parameter and State Estimation of a Bilinear System with Autoregressive Noise. <i>Mathematics</i> , 2019 , 7, 356 | 2.3 | 24 |
| 339 | On some parameter estimation algorithms for the nonlinear exponential autoregressive model. <i>International Journal of Adaptive Control and Signal Processing</i> , 2019 , 33, 999-1015 | 2.8 | 3 |
| 338 | Kalman filtering based gradient estimation algorithms for observer canonical state-space systems with moving average noises. <i>Journal of the Franklin Institute</i> , 2019 , 356, 5485-5502 | 4 | 6 |
| 337 | Highly computationally efficient state filter based on the delta operator. <i>International Journal of Adaptive Control and Signal Processing</i> , 2019 , 33, 875-889 | 2.8 | 93 |
| 336 | Fitting the exponential autoregressive model through recursive search. <i>Journal of the Franklin Institute</i> , 2019 , 356, 5801-5818 | 4 | 6 |
| 335 | Maximum likelihood-based recursive least-squares estimation for multivariable systems using the data filtering technique. <i>International Journal of Systems Science</i> , 2019 , 50, 1121-1135 | 2.3 | 5 |

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| 334 | Maximum Likelihood Recursive Identification for the Multivariate Equation-Error Autoregressive Moving Average Systems Using the Data Filtering. <i>IEEE Access</i> , 2019 , 7, 41154-41163 | 3.5 | 32 |
| 333 | Modified Gram-Schmidt Method-Based Variable Projection Algorithm for Separable Nonlinear Models. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2019 , 30, 2410-2418 | 10.3 | 46 |
| 332 | Highly efficient parameter estimation algorithms for Hammerstein non-linear systems. <i>IET Control Theory and Applications</i> , 2019 , 13, 477-485 | 2.5 | 10 |
| 331 | Beyond 1000 nm Emission Wavelength: Recent Advances in Organic and Inorganic Emitters for Deep-Tissue Molecular Imaging. <i>Advanced Healthcare Materials</i> , 2019 , 8, e1900260 | 10.1 | 99 |
| 330 | Gradient-based iterative identification method for multivariate equation-error autoregressive moving average systems using the decomposition technique. <i>Journal of the Franklin Institute</i> , 2019 , 356, 1658-1676 | 4 | 29 |
| 329 | Auxiliary Model-Based Recursive Generalized Least Squares Algorithm for Multivariate Output-Error Autoregressive Systems Using the Data Filtering. <i>Circuits, Systems, and Signal Processing</i> , 2019 , 38, 590-610 | 2.2 | 35 |
| 328 | Maximum likelihood gradient-based iterative estimation for multivariable systems. <i>IET Control Theory and Applications</i> , 2019 , 13, 1683-1691 | 2.5 | 4 |
| 327 | . <i>IEEE Signal Processing Letters</i> , 2019 , 26, 1182-1186 | 3.2 | 21 |
| 326 | Melanin-dot-mediated delivery of metallacycle for NIR-II/photoacoustic dual-modal imaging-guided chemo-photothermal synergistic therapy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 16729-16735 | 11.5 | 102 |
| 325 | Decomposition Least-Squares-Based Iterative Identification Algorithms for Multivariable Equation-Error Autoregressive Moving Average Systems. <i>Mathematics</i> , 2019 , 7, 609 | 2.3 | 16 |
| 324 | Recursive Algorithms for Multivariable Output-Error-Like ARMA Systems. <i>Mathematics</i> , 2019 , 7, 558 | 2.3 | 29 |
| 323 | Parameter estimation for a special class of nonlinear systems by using the over-parameterisation method and the linear filter. <i>International Journal of Systems Science</i> , 2019 , 50, 1689-1702 | 2.3 | 1 |
| 322 | Recursive Identification Algorithms for a Class of Linear Closed-loop Systems. <i>International Journal of Control, Automation and Systems</i> , 2019 , 17, 3194-3204 | 2.9 | 4 |
| 321 | Iterative identification for multiple-input systems with time-delays based on greedy pursuit and auxiliary model. <i>Journal of the Franklin Institute</i> , 2019 , 356, 5819-5833 | 4 | 6 |
| 320 | Maximum likelihood based identification methods for rational models. <i>International Journal of Systems Science</i> , 2019 , 50, 2579-2591 | 2.3 | 2 |
| 319 | Influence of chloride ions on organic contaminants decolorization through the Fe-activated persulfate oxidation process: efficiency and intermediates. <i>Water Science and Technology</i> , 2019 , 80, 563-574 | 2.2 | 2 |
| 318 | The innovation algorithms for multivariable state-space models. <i>International Journal of Adaptive Control and Signal Processing</i> , 2019 , 33, 1601-1618 | 2.8 | 88 |
| 317 | Partially-Coupled Recursive Least Squares Algorithm for Multivariate Systems Based on the Model Transformation. <i>IEEE Access</i> , 2019 , 7, 123086-123097 | 3.5 | 2 |

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| 316 | Multi-innovation gradient estimation algorithms for multivariate equation-error autoregressive moving average systems based on the filtering technique. <i>IET Control Theory and Applications</i> , 2019 , 13, 2086-2094 | 2.5 | 1 |
| 315 | Partially coupled gradient estimation algorithm for multivariable equation-error autoregressive moving average systems using the data filtering technique. <i>IET Control Theory and Applications</i> , 2019 , 13, 642-650 | 2.5 | 18 |
| 314 | Parameter estimation of Markov-switching Hammerstein systems using the variational Bayesian approach. <i>IET Control Theory and Applications</i> , 2019 , 13, 1646-1655 | 2.5 | 3 |
| 313 | Recursive parameter and state estimation methods for observability canonical state-space models exploiting the hierarchical identification principle. <i>IET Control Theory and Applications</i> , 2019 , 13, 2538-2545 | 2.5 | 5 |
| 312 | Partially-coupled least squares based iterative parameter estimation for multi-variable output-error-like autoregressive moving average systems. <i>IET Control Theory and Applications</i> , 2019 , 13, 3040-3051 | 2.5 | 96 |
| 311 | Recursive least squares algorithm and stochastic gradient algorithm for feedback nonlinear equation-error systems. <i>International Journal of Modelling, Identification and Control</i> , 2019 , 32, 251-257 | 0.6 | 1 |
| 310 | Two-stage multi-innovation stochastic gradient algorithm for multivariate output-error ARMA systems based on the auxiliary model. <i>International Journal of Systems Science</i> , 2019 , 50, 2870-2884 | 2.3 | 2 |
| 309 | Hierarchical Principle-Based Iterative Parameter Estimation Algorithm for Dual-Frequency Signals. <i>Circuits, Systems, and Signal Processing</i> , 2019 , 38, 3251-3268 | 2.2 | 59 |
| 308 | The filtering based parameter identification for bilinear-in-parameter systems. <i>Journal of the Franklin Institute</i> , 2019 , 356, 514-538 | 4 | 7 |
| 307 | Hierarchical Newton and least squares iterative estimation algorithm for dynamic systems by transfer functions based on the impulse responses. <i>International Journal of Systems Science</i> , 2019 , 50, 141-151 | 2.3 | 79 |
| 306 | Decomposition- and Gradient-Based Iterative Identification Algorithms for Multivariable Systems Using the Multi-innovation Theory. <i>Circuits, Systems, and Signal Processing</i> , 2019 , 38, 2971-2991 | 2.2 | 86 |
| 305 | Modeling a nonlinear process using the exponential autoregressive time series model. <i>Nonlinear Dynamics</i> , 2019 , 95, 2079-2092 | 5 | 29 |
| 304 | Two-Stage Generalized Projection Identification Algorithms for Stochastic Systems. <i>Circuits, Systems, and Signal Processing</i> , 2019 , 38, 2846-2862 | 2.2 | 3 |
| 303 | Least Squares based Iterative Parameter Estimation Algorithm for Stochastic Dynamical Systems with ARMA Noise Using the Model Equivalence. <i>International Journal of Control, Automation and Systems</i> , 2018 , 16, 630-639 | 2.9 | 38 |
| 302 | A hierarchical least squares identification algorithm for Hammerstein nonlinear systems using the key term separation. <i>Journal of the Franklin Institute</i> , 2018 , 355, 3737-3752 | 4 | 108 |
| 301 | Recent advances in near-infrared II fluorophores for multifunctional biomedical imaging. <i>Chemical Science</i> , 2018 , 9, 4370-4380 | 9.4 | 307 |
| 300 | Recursive parameter estimation algorithm for multivariate output-error systems. <i>Journal of the Franklin Institute</i> , 2018 , 355, 5163-5181 | 4 | 78 |
| 299 | Decomposition-based recursive least squares identification methods for multivariate pseudo-linear systems using the multi-innovation. <i>International Journal of Systems Science</i> , 2018 , 49, 920-928 | 2.3 | 41 |

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| 298 | Taking advantage of multi-regions-based diagonal texture structure descriptor for image retrieval. <i>Expert Systems With Applications</i> , 2018 , 96, 347-357 | 7.8 | 16 |
| 297 | Expectation maximization estimation for a class of input nonlinear state space systems by using the Kalman smoother. <i>Signal Processing</i> , 2018 , 145, 295-303 | 4.4 | 15 |
| 296 | Iterative parameter identification for pseudo-linear systems with ARMA noise using the filtering technique. <i>IET Control Theory and Applications</i> , 2018 , 12, 892-899 | 2.5 | 89 |
| 295 | Combined state and parameter estimation for a bilinear state space system with moving average noise. <i>Journal of the Franklin Institute</i> , 2018 , 355, 3079-3103 | 4 | 102 |
| 294 | Multi-step-length gradient iterative algorithm for equation-error type models. <i>Systems and Control Letters</i> , 2018 , 115, 15-21 | 2.4 | 23 |
| 293 | Filtering-Based Maximum Likelihood Gradient Iterative Estimation Algorithm for Bilinear Systems with Autoregressive Moving Average Noise. <i>Circuits, Systems, and Signal Processing</i> , 2018 , 37, 5023-5048 ^{2.2} | 2.2 | 29 |
| 292 | Data filtering based maximum likelihood extended gradient method for multivariable systems with autoregressive moving average noise. <i>Journal of the Franklin Institute</i> , 2018 , 355, 3381-3398 | 4 | 3 |
| 291 | Recursive least squares identification methods for multivariate pseudo-linear systems using the data filtering. <i>Multidimensional Systems and Signal Processing</i> , 2018 , 29, 1135-1152 | 1.8 | 7 |
| 290 | Some new results of designing an IIR filter with colored noise for signal processing 2018 , 72, 44-58 | | 49 |
| 289 | Decomposition-Based Gradient Estimation Algorithms for Multivariate Equation-Error Autoregressive Systems Using the Multi-innovation Theory. <i>Circuits, Systems, and Signal Processing</i> , 2018 , 37, 1846-1862 | 2.2 | 3 |
| 288 | State filtering-based least squares parameter estimation for bilinear systems using the hierarchical identification principle. <i>IET Control Theory and Applications</i> , 2018 , 12, 1704-1713 | 2.5 | 106 |
| 287 | Adaptive Gradient-Based Iterative Algorithm for Multivariable Controlled Autoregressive Moving Average Systems Using the Data Filtering Technique. <i>Complexity</i> , 2018 , 2018, 1-11 | 1.6 | 43 |
| 286 | Recursive Identification Methods for Multivariate Output-error Moving Average Systems Using the Auxiliary Model. <i>International Journal of Control, Automation and Systems</i> , 2018 , 16, 1070-1079 | 2.9 | 5 |
| 285 | Variational Bayesian approach for ARX systems with missing observations and varying time-delays. <i>Automatica</i> , 2018 , 94, 194-204 | 5.7 | 53 |
| 284 | Recursive identification for multivariate autoregressive equation-error systems with autoregressive noise. <i>International Journal of Systems Science</i> , 2018 , 49, 2763-2775 | 2.3 | 4 |
| 283 | Expectation maximization estimation algorithm for Hammerstein models with non-Gaussian noise and random time delay from dual-rate sampled-data 2018 , 73, 135-144 | | 14 |
| 282 | The data filtering based generalized stochastic gradient parameter estimation algorithms for multivariate output-error autoregressive systems using the auxiliary model. <i>Multidimensional Systems and Signal Processing</i> , 2018 , 29, 1781-1800 | 1.8 | 5 |
| 281 | Effective degradation of primary color direct azo dyes using Fe aggregates-activated persulfate process. <i>Journal of Environmental Management</i> , 2018 , 206, 565-576 | 7.9 | 30 |

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