

Raquel Caballero-Aguila

List of Publications by Year in descending order

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67
papers

1,141
citations

471061

17
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31
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all docs

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docs citations

67
times ranked

360
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | THE BENEFITS OF USING SUPPLEMENTARY SELF-ASSESSMENT MATERIALS FOR FOREIGN STUDENTS. , 2021, , . | | 0 |
| 2 | Distributed fusion filtering for multi-sensor systems with correlated random transition and measurement matrices. International Journal of Computer Mathematics, 2020, 97, 263-274. | 1.0 | 3 |
| 3 | Distributed fusion estimation from measurements with correlated random parameter matrices and noise correlation. International Journal of Computer Mathematics, 2020, 97, 95-108. | 1.0 | 6 |
| 4 | Networked fusion estimation with multiple uncertainties and time-correlated channel noise. Information Fusion, 2020, 54, 161-171. | 11.7 | 55 |
| 5 | A Two-Phase Distributed Filtering Algorithm for Networked Uncertain Systems with Fading Measurements under Deception Attacks. Sensors, 2020, 20, 6445. | 2.1 | 10 |
| 6 | Covariance-Based Estimation for Clustered Sensor Networks Subject to Random Deception Attacks. Sensors, 2019, 19, 3112. | 2.1 | 3 |
| 7 | Centralized, distributed and sequential fusion estimation from uncertain outputs with correlation between sensor noises and signal. International Journal of General Systems, 2019, 48, 713-737. | 1.2 | 20 |
| 8 | Centralized filtering and smoothing algorithms from outputs with random parameter matrices transmitted through uncertain communication channels. , 2019, 85, 77-85. | | 13 |
| 9 | Networked distributed fusion estimation under uncertain outputs with random transmission delays, packet losses and multi-packet processing. Signal Processing, 2019, 156, 71-83. | 2.1 | 68 |
| 10 | A new approach to distributed fusion filtering for networked systems with random parameter matrices and correlated noises. Information Fusion, 2019, 45, 324-332. | 11.7 | 44 |
| 11 | Centralized Fusion Approach to the Estimation Problem with Multi-Packet Processing under Uncertainty in Outputs and Transmissions. Sensors, 2018, 18, 2697. | 2.1 | 7 |
| 12 | New distributed fusion filtering algorithm based on covariances over sensor networks with random packet dropouts. International Journal of Systems Science, 2017, 48, 1805-1817. | 3.7 | 24 |
| 13 | Covariance-based fusion filtering for networked systems with random transmission delays and non-consecutive losses. International Journal of General Systems, 2017, 46, 752-771. | 1.2 | 14 |
| 14 | Distributed fusion filters from uncertain measured outputs in sensor networks with random packet losses. Information Fusion, 2017, 34, 70-79. | 11.7 | 78 |
| 15 | Fusion Estimation from Multisensor Observations with Multiplicative Noises and Correlated Random Delays in Transmission. Mathematics, 2017, 5, 45. | 1.1 | 11 |
| 16 | Optimal Fusion Estimation with Multi-Step Random Delays and Losses in Transmission. Sensors, 2017, 17, 1151. | 2.1 | 14 |
| 17 | Least-Squares Filtering Algorithm in Sensor Networks with Noise Correlation and Multiple Random Failures in Transmission. Mathematical Problems in Engineering, 2017, 2017, 1-9. | 0.6 | 4 |
| 18 | Networked Fusion Filtering from Outputs with Stochastic Uncertainties and Correlated Random Transmission Delays. Sensors, 2016, 16, 847. | 2.1 | 14 |

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|----|--|-----|-----------|
| 19 | Distributed estimation based on covariances under network-induced phenomena described by random measurement matrices. <i>International Journal of General Systems</i> , 2016, 45, 486-501. | 1.2 | 2 |
| 20 | Fusion estimation using measured outputs with random parameter matrices subject to random delays and packet dropouts. <i>Signal Processing</i> , 2016, 127, 12-23. | 2.1 | 51 |
| 21 | Quadratic estimation problem in discrete-time stochastic systems with random parameter matrices. <i>Applied Mathematics and Computation</i> , 2016, 273, 308-320. | 1.4 | 13 |
| 22 | Distributed Fusion Filtering in Networked Systems with Random Measurement Matrices and Correlated Noises. <i>Discrete Dynamics in Nature and Society</i> , 2015, 2015, 1-10. | 0.5 | 7 |
| 23 | Optimal state estimation for networked systems with random parameter matrices, correlated noises and delayed measurements. <i>International Journal of General Systems</i> , 2015, 44, 142-154. | 1.2 | 101 |
| 24 | Optimal linear filter design for systems with correlation in the measurement matrices and noises: recursive algorithm and applications. <i>International Journal of Systems Science</i> , 2014, 45, 1548-1562. | 3.7 | 44 |
| 25 | Covariance-Based Estimation from Multisensor Delayed Measurements with Random Parameter Matrices and Correlated Noises. <i>Mathematical Problems in Engineering</i> , 2014, 2014, 1-13. | 0.6 | 9 |
| 26 | Information fusion algorithms for state estimation in multi-sensor systems with correlated missing measurements. <i>Applied Mathematics and Computation</i> , 2014, 226, 548-563. | 1.4 | 65 |
| 27 | Covariance-based estimation algorithms in networked systems with mixed uncertainties in the observations. <i>Signal Processing</i> , 2014, 94, 163-173. | 2.1 | 21 |
| 28 | RLS Wiener estimators from observations with multiple and random delays in linear discrete-time stochastic systems. <i>Applied Mathematics and Computation</i> , 2013, 225, 184-194. | 1.4 | 2 |
| 29 | Optimal Fusion Filtering in Multisensor Stochastic Systems with Missing Measurements and Correlated Noises. <i>Mathematical Problems in Engineering</i> , 2013, 2013, 1-14. | 0.6 | 18 |
| 30 | Linear estimation based on covariances for networked systems featuring sensor correlated random delays. <i>International Journal of Systems Science</i> , 2013, 44, 1233-1244. | 3.7 | 16 |
| 31 | Least-squares linear estimators using measurements transmitted by different sensors with packet dropouts. , 2012, 22, 1118-1125. | | 14 |
| 32 | Recursive least-squares quadratic smoothing from measurements with packet dropouts. <i>Signal Processing</i> , 2012, 92, 931-938. | 2.1 | 9 |
| 33 | Linear and quadratic estimation using uncertain observations from multiple sensors with correlated uncertainty. <i>Signal Processing</i> , 2011, 91, 330-337. | 2.1 | 17 |
| 34 | Quadratic Filtering Algorithm Based on Covariances Using Correlated Uncertain Observations Coming from Different Sensors. <i>ISRN Applied Mathematics</i> , 2011, 2011, 1-18. | 0.5 | 0 |
| 35 | Least-squares Polynomial Estimation from Observations Featuring Correlated Random Delays. <i>Methodology and Computing in Applied Probability</i> , 2010, 12, 491-509. | 0.7 | 5 |
| 36 | Signal estimation with multiple delayed sensors using covariance information. , 2010, 20, 528-540. | | 44 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 37 | A New Estimation Algorithm from Measurements with Multiple-Step Random Delays and Packet Dropouts. <i>Mathematical Problems in Engineering</i> , 2010, 2010, 1-18. | 0.6 | 14 |
| 38 | Estimation in Linear Systems Featuring Correlated Uncertain Observations Coming from Multiple Sensors. , 2009, , . | | 0 |
| 39 | Signal estimation with nonlinear uncertain observations using covariance information. <i>Journal of Statistical Computation and Simulation</i> , 2009, 79, 55-66. | 0.7 | 10 |
| 40 | Least-squares linear filtering using observations coming from multiple sensors with one- or two-step random delay. <i>Signal Processing</i> , 2009, 89, 2045-2052. | 2.1 | 25 |
| 41 | Recursive estimation of discrete-time signals from nonlinear randomly delayed observations. <i>Computers and Mathematics With Applications</i> , 2009, 58, 1160-1168. | 1.4 | 16 |
| 42 | Signal estimation based on covariance information from observations featuring correlated uncertainty and coming from multiple sensors. <i>Signal Processing</i> , 2008, 88, 2998-3006. | 2.1 | 18 |
| 43 | Recursive fixed-point smoothing algorithm from covariances based on uncertain observations with correlation in the uncertainty. <i>Applied Mathematics and Computation</i> , 2008, 203, 243-251. | 1.4 | 10 |
| 44 | Polynomial fixed-point smoothing of uncertainly observed signals based on covariances. <i>International Journal of Systems Science</i> , 2008, 39, 207-216. | 3.7 | 2 |
| 45 | Linear least-squares estimation based on covariances from multiple correlated uncertain observations. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2008, 41, 3677-3682. | 0.4 | 0 |
| 46 | Recursive Estimation Algorithm Based on Covariances for Uncertainly Observed Signals Correlated with Noise. <i>IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences</i> , 2008, E91-A, 1706-1712. | 0.2 | 0 |
| 47 | New filtering algorithm using observations with one or two-step random delay. , 2007, , . | | 0 |
| 48 | Signal estimation from uncertain observations coming from multiple sensors. , 2007, , . | | 0 |
| 49 | Signal polynomial smoothing from correlated interrupted observations based on covariances. <i>Mathematical Methods in the Applied Sciences</i> , 2007, 30, 1645-1665. | 1.2 | 2 |
| 50 | Least-squares $\hat{1}/2$ th-order polynomial estimation of signals from observations affected by non-independent uncertainty. <i>Applied Mathematics and Computation</i> , 2006, 176, 642-653. | 1.4 | 4 |
| 51 | Recursive estimators of signals from measurements with stochastic delays using covariance information. <i>Applied Mathematics and Computation</i> , 2005, 162, 65-79. | 1.4 | 65 |
| 52 | Design of recursive Wiener fixed-point smoothers based on innovations approach in linear discrete-time stochastic systems. <i>Applied Mathematics and Computation</i> , 2005, 165, 731-747. | 1.4 | 3 |
| 53 | Fixed-interval smoothing algorithm based on covariances with correlation in the uncertainty. , 2005, 15, 207-221. | | 10 |
| 54 | An innovation approach to the smoothing problem from uncertain observations with correlated signal and noise. <i>Mathematical Methods in the Applied Sciences</i> , 2005, 28, 1569-1584. | 1.2 | 4 |

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|----|---|-----|-----------|
| 55 | New recursive estimators from correlated interrupted observations using covariance information. International Journal of Systems Science, 2005, 36, 617-629. | 3.7 | 11 |
| 56 | Quadratic estimation from uncertain observations with white plus coloured noises using covariance information. Applied Mathematics and Computation, 2004, 155, 65-79. | 1.4 | 2 |
| 57 | Second-order polynomial estimators from uncertain observations using covariance information. Applied Mathematics and Computation, 2003, 143, 319-338. | 1.4 | 21 |
| 58 | Linear recursive discrete-time estimators using covariance information under uncertain observations. Signal Processing, 2003, 83, 1553-1559. | 2.1 | 28 |
| 59 | Linear estimation from uncertain observations with white plus coloured noises using covariance information. , 2003, 13, 552-568. | | 16 |
| 60 | New design of estimators using covariance information with uncertain observations in linear discrete-time systems. Applied Mathematics and Computation, 2003, 135, 429-441. | 1.4 | 26 |
| 61 | Fixed-point smoothing with non-independent uncertainty using covariance information. International Journal of Systems Science, 2003, 34, 439-452. | 3.7 | 11 |
| 62 | Polynomial Filtering With Uncertain Observations in Stochastic Linear Systems. International Journal of Modelling and Simulation, 2003, 23, 22-28. | 2.3 | 13 |
| 63 | Least mean-squared error polynomial estimation in systems with uncertain observations. , 0, , . | | 1 |
| 64 | Least-squares quadratic estimators from non-independent uncertain observations with coloured noise. , 0, , . | | 0 |
| 65 | General expression of the least-squares linear smoother using covariance information under uncertain observations. , 0, , . | | 0 |
| 66 | Unscented Filtering Algorithm for Discrete-Time Systems with Uncertain Observations and State-Dependent Noise. , 0, , . | | 0 |
| 67 | Centralized fusion quadratic estimators in multi-sensor systems with correlated missing measurements. Applied Mathematical Sciences, 0, 7, 2795-2813. | 0.0 | 3 |