Leila J Bridgeman

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Conic-sector-based control to circumvent passivity violations. International Journal of Control, 2014, 87, 1467-1477.	1.9	28
2	Saturated proportional derivative control of flexible-joint manipulators. Robotics and Computer-Integrated Manufacturing, 2014, 30, 658-666.	9.9	17
3	Conic-sector-based controller synthesis: Theory and experiments. , 2014, , .		16
4	The Extended Conic Sector Theorem. IEEE Transactions on Automatic Control, 2016, 61, 1931-1937.	5.7	16
5	Stability and feasibility of MPC for switched linear systems with dwell-time constraints. , 2016, , .		15
6	Necessary and sufficient conditions for constraint satisfaction in switched systems using switchâ€robust control invariant sets. International Journal of Robust and Nonlinear Control, 2019, 29, 2589-2602.	3.7	14
7	The minimum gain lemma. International Journal of Robust and Nonlinear Control, 2015, 25, 2515-2531.	3.7	11
8	Stability and a posteriori error analysis of discontinuous Galerkin methods for linearized elasticity. Computer Methods in Applied Mechanics and Engineering, 2011, 200, 1543-1557.	6.6	10
9	A Comparative Study of Input–Output Stability Results. IEEE Transactions on Automatic Control, 2018, 63, 463-476.	5.7	9
10	Iterative â€conic controller synthesis. International Journal of Robust and Nonlinear Control, 2019, 29, 3701-3714.	3.7	6
11	The exterior conic sector lemma. International Journal of Control, 2015, 88, 2250-2263.	1.9	5
12	Conic Bounds for Systems Subject to Delays. IEEE Transactions on Automatic Control, 2017, 62, 2006-2013.	5.7	5
13	Sparsity Promoting <i>H</i> â,,-Conic Control. , 2021, 5, 1453-1458.		5
14	Computationally Tractable Stability Criteria for Exogenously Switched Model Predictive Control. , 2021, 5, 1777-1782.		5
15	Conic-Sector-based control to circumvent passivity violations. , 2013, , .		4
16	Constraint satisfaction for switched linear systems with restricted dwell-time. , 2017, , .		4
17	Constraint Enforcement via Tube-Based MPC Exploiting Switching Restrictions. , 2021, 5, 1789-1794.		4

18 Strictly positive real and conic system syntheses using observers. , 2015, , .

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#	Article	IF	CITATIONS
19	Norm- and linear-inequality-constrained state estimation: An LMI approach. , 2017, , .		2
20	Fixed-Order â,,‹‹sub>2-Conic Control. , 2021, , .		2
21	Conic controller synthesis that minimizes an upper bound on the closed-loop â,,‹‹sub>2‹/sub>-norm. , 2017, , .		1
22	MIMO Nyquist interpretation of the large gain theorem. International Journal of Control, 2020, 93, 2326-2335.	1.9	1
23	Dual, Iterative H2-Conic Controller Synthesis. , 2020, , .		1
24	The Minimum Gain Lemma. , 2014, , .		0
25	Conic-Sector-Based Control in the Presence of Delayâ^—â^—This work was funded in part through the Natural Sciences and Engineering Research Council of Canada's Postgraduate Scholarship and Discovery Grant programs IFAC-PapersOnLine, 2015, 48, 458-461.	0.9	0
26	Iterative \$mathcal{H}_{2}\$-Conic Controller Synthesis. , 2018, , .		0
27	Sparsity Promoting \$mathscr{H}_{2}\$-Conic Control. , 2021, , .		0
28	Computationally Tractable Stability Criteria for Exogenously Switched Model Predictive Control. , 2021, , .		0
29	Conic Sector Based Stability Criteria for Time-Delay Systems. , 2021, , .		0
30	Durable Breast Phantom with Geometric and Mechanical Properties approximating Human Tissue for Ultrasound Image and Robotic System Testing. , 2022, , .		0