

David Evan Zlotnik

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

147
citations

1307594

7
h-index

1588992

8
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10
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10
docs citations

10
times ranked

117
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Higher Order Nonlinear Complementary Filtering on Lie Groups. IEEE Transactions on Automatic Control, 2019, 64, 1772-1783. | 5.7 | 11 |
| 2 | Gradient-Based Observer for Simultaneous Localization and Mapping. IEEE Transactions on Automatic Control, 2018, 63, 4338-4344. | 5.7 | 19 |
| 3 | Nonlinear Estimator Design on the Special Orthogonal Group Using Vector Measurements Directly. IEEE Transactions on Automatic Control, 2017, 62, 149-160. | 5.7 | 36 |
| 4 | MPC for coupled station keeping, attitude control, and momentum management of GEO satellites using on-off electric propulsion. , 2017, , . | | 9 |
| 5 | Saturated control of flexible-joint manipulators using a Hammerstein strictly positive real compensator. Robotica, 2016, 34, 1367-1382. | 1.9 | 8 |
| 6 | Exponential convergence of a nonlinear attitude estimator. Automatica, 2016, 72, 11-18. | 5.0 | 20 |
| 7 | A nonlinear attitude estimator with desirable convergence properties. , 2015, , . | | 5 |
| 8 | Saturated proportional derivative control of flexible-joint manipulators. Robotics and Computer-Integrated Manufacturing, 2014, 30, 658-666. | 9.9 | 17 |
| 9 | Continuous-time norm-constrained Kalman filtering. Automatica, 2014, 50, 2546-2554. | 5.0 | 21 |
| 10 | DYNAMIC MODELLING, ESTIMATION, AND CONTROL FOR PRECISION POINTING OF AN ATMOSPHERIC BALLOON PLATFORM. Transactions of the Canadian Society for Mechanical Engineering, 2014, 38, 263-274. | 0.8 | 1 |