

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
g-index

10
all docs

10
docs citations

10
times ranked

117
citing authors

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