

Ramakalyan Ayyagari

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

104
citations

1478505

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1588992

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15
all docs

15
docs citations

15
times ranked

64
citing authors

#	ARTICLE	IF	CITATIONS
1	Optimal Coordination of Platoons of Connected and Automated Vehicles at Signal-Free Intersections. IEEE Transactions on Intelligent Vehicles, 2022, 7, 186-197.	12.7	31
2	Improved neural-aided sliding mode controller for autolandings under actuator failures and severe winds. Aerospace Science and Technology, 2014, 33, 55-64.	4.8	16
3	Advanced driver assistance system for AHS over communication links with random packet dropouts. Mechanical Systems and Signal Processing, 2014, 49, 53-62.	8.0	12
4	MILP based autonomous vehicle path-planning controller for unknown environments with dynamic obstacles. International Journal of Heavy Vehicle Systems, 2016, 23, 350.	0.2	10
5	Design of a nonlinear dynamic inversion controller for trajectory following and maneuvering for fixed wing aircraft. , 2013, , .		9
6	Interval Fuzzy Type-II Controller for the Level Control of a Three Tank System. IFAC-PapersOnLine, 2016, 49, 561-566.	0.9	7
7	A Decentralized Signal Control for Non-Lane-Based Heterogeneous Traffic Under V2I Communication. IEEE Transactions on Intelligent Transportation Systems, 2020, 21, 1741-1750.	8.0	7
8	Improved autolandings controller for aircraft encountering unknown actuator failures. , 2013, , .		4
9	Ciphers based on special graphs. , 2013, , .		4
10	Missile Longitudinal Dynamics Control Design Using Pole Placement and LQR Methods. Defence Science Journal, 2021, 71, 699-708.	0.8	3
11	A graph-theoretic approach for optimizing signalized intersections under connected vehicle environment. Sadhana - Academy Proceedings in Engineering Sciences, 2021, 46, 1.	1.3	1
12	The benefits of randomness in systems and control. , 2014, , .		0
13	Design of Optimal Phase Plan for Urban Signalized Intersections Accommodating Safe Pedestrian Crosswalks. , 2018, , .		0
14	An Alternative Design for the Traditional Lag-Lead Compensator. IEEE Potentials, 2021, 40, 43-48.	0.3	0
15	Investigative design of missile longitudinal dynamics using LQR-LQG controller in presence of measurement noise and inaccurate model. Sadhana - Academy Proceedings in Engineering Sciences, 2022, 47, 1.	1.3	0