## Ali Tavasoli

List of Publications by Year in descending order

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Διι Τλυλεοιι

#	Article	IF	CITATIONS
1	Incentive rate determination in viral marketing. European Journal of Operational Research, 2021, 289, 1169-1187.	5.7	8
2	Mitigating the risk of infection spread in manual order picking operations: A multi-objective approach. Applied Soft Computing Journal, 2021, 100, 106953.	7.2	9
3	Designing optimal multiplex networks for certain Laplacian spectral properties. Physical Review E, 2020, 102, 022302.	2.1	1
4	A new discrete-time robust adaptive time-delay control for a class of uncertain nonlinear strict-feedback systems using sliding mode. ISA Transactions, 2019, 93, 40-54.	5.7	5
5	Boundary control of a circular curved beam using active disturbance rejection control. International Journal of Control, 2019, 92, 1137-1154.	1.9	8
6	Dynamic modeling and adaptive robust boundary control of a flexible robotic arm with 2â€dimensional rigid body rotation. International Journal of Adaptive Control and Signal Processing, 2018, 32, 891-907.	4.1	12
7	Adaptive Nonlinear Boundary Control of a Hybrid Euler–Bernoulli Beam with Coupled Rigid and Flexible Dynamics. Iranian Journal of Science and Technology - Transactions of Mechanical Engineering, 2018, 42, 311-315.	1.3	2
8	Well-posedness and exponential stability of two-dimensional vibration model of a boundary-controlled curved beam with tip mass. International Journal of Systems Science, 2018, 49, 2847-2860.	5.5	4
9	Active disturbance rejection boundary control of Timoshenko beam with tip mass. ISA Transactions, 2018, 80, 221-231.	5.7	14
10	Active disturbance rejection and Lyapunov redesign approaches for robust boundary control of plate vibration. International Journal of Systems Science, 2017, 48, 1656-1670.	5.5	17
11	Robust adaptive boundary control of a perturbed hybrid Euler-Bernoulli beam with coupled rigid and flexible motion. International Journal of Control, Automation and Systems, 2017, 15, 680-688.	2.7	10
12	A control-oriented dynamic model for sit-to-stand motion with fixed support. Proceedings of the Institution of Mechanical Engineers, Part K: Journal of Multi-body Dynamics, 2017, , 146441931773105.	0.8	3
13	Adaptive robust boundary control of coupled bendingâ€ŧorsional vibration of beams with only one axis of symmetry. International Journal of Adaptive Control and Signal Processing, 2017, 31, 761-784.	4.1	9
14	Robust boundary stabilization of a vibrating rectangular plate using disturbance adaptation. International Journal of Adaptive Control and Signal Processing, 2016, 30, 1603-1626.	4.1	24
15	Stabilized MLPG-VF-based method with CBS scheme for laminar flow at high Reynolds and Rayleigh numbers. International Journal of Modern Physics C, 2016, 27, 1650081.	1.7	8
16	Adaptive robust boundary control of shaft vibrations under perturbations with unknown upper bounds. International Journal of Adaptive Control and Signal Processing, 2015, 29, 537-562.	4.1	17
17	Dynamic modeling and nonlinear boundary control of hybrid Euler–Bernoulli beam system with a tip mass. Proceedings of the Institution of Mechanical Engineers, Part K: Journal of Multi-body Dynamics, 2015, 229, 3-15.	0.8	10
18	Interiorâ€Point Method to Optimize Tire Force Allocation in 4â€Wheeled Vehicles Using High‣evel Sliding Mode Control with Adaptive Gain. Asian Journal of Control, 2013, 15, 1188-1200.	3.0	10

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19	Vehicle Sliding Mode Control with Adaptive Upper Bounds: Static versus Dynamic Allocation to Saturated Tire Forces. Mathematical Problems in Engineering, 2012, 2012, 1-31.	1.1	4
20	Optimized coordination of brakes and active steering for a 4WS passenger car. ISA Transactions, 2012, 51, 573-583.	5.7	28
21	Comparison of Static and Dynamic Control Allocation Techniques for Integrated Vehicle Control. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2011, 44, 7180-7186.	0.4	6
22	Vehicle stability enhancement — an adaptive optimal approach to the distribution of tyre forces. Proceedings of the Institution of Mechanical Engineers, Part D: Journal of Automobile Engineering, 2010, 224, 443-453.	1.9	21
23	Flocking of a team of Lagrangian agents. , 2009, , .		6
24	Two-time scale control and observer design for trajectory tracking of two cooperating robot manipulators moving a flexible beam. Robotics and Autonomous Systems, 2009, 57, 212-221.	5.1	58
25	COMBINED ADAPTIVE-ROBUST AND NEURAL NETWORK CONTROL OF TWO RLED COOPERATING ROBOTS USING BACKSTEPPING DESIGN. International Journal of Robotics and Automation, 2008, 23, .	0.1	1
26	Two-Time Scale Control and Observer Design for Trajectory Tracking of Two Cooperating Robot Manipulators Moving a Flexible Beam. Proceedings of the American Control Conference, 2007, , .	0.0	1
27	Neural Network Control of two Electrically Driven Cooperating 6 DOF Robot Manipulators. , 2006, , .		0
28	Combined adaptive-robust and neural network control of RLED robot manipulators using backstepping design. , 0, , .		0