

# Toshiyuki Muraio

## List of Publications by Year in descending order

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25  
papers

84  
citations

1937685

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h-index

1872680

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g-index

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all docs

25  
docs citations

25  
times ranked

28  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Dynamic Budget-balanced Integration Mechanism for LQG Power Networks with Individual Preferences. Transactions of the Society of Instrument and Control Engineers, 2021, 57, 358-366.	0.2	0
2	Passivity-Based Cooperative Dynamic Control for Human-Rigid Body Networks. IEEJ Transactions on Electronics, Information and Systems, 2021, 141, 1165-1174.	0.2	0
3	Incentive-Based Economic and Physical Integration for Dynamic Power Networks. , 2020, , 181-211.		3
4	Development of a FES Knee Bending and Stretching Trike System with RISE-based Control and Its Experimental Verification. IEEJ Transactions on Electronics, Information and Systems, 2020, 140, 227-234.	0.2	0
5	Strategic bidding of private information for principal-agent type dynamic LQ networks. , 2019, , .		3
6	Passivity-based Pose Control for a Ground Vehicle through Drone's Visual Feedback Control. IEEJ Transactions on Electronics, Information and Systems, 2019, 139, 1316-1324.	0.2	1
7	Real-time pricing for LQG power networks with independent types: A dynamic mechanism design approach. European Journal of Control, 2018, 39, 95-105.	2.6	14
8	A Control Method for a 3DOF Bi-articular Manipulator towards Robotic Rehabilitation. , 2018, , .		0
9	Autonomous Transportation Carts using Indoor Positioning System with Hybrid Pathfinding. , 2018, , .		0
10	FES-assisted Cycling with Cadence Tracking Control for Rehabilitation of Hemiparesis. IEEJ Transactions on Electronics, Information and Systems, 2018, 138, 1391-1398.	0.2	0
11	Bilateral control of nonlinear teleoperation for 2DOF robot manipulators with antagonistic bi-articular muscles. , 2017, , .		2
12	FES-assisted cycling with velocity tracking control for hemiparesis rehabilitation. , 2017, , .		7
13	Innovative engineering design practice in robotics: A case study at Kanazawa Institute of Technology. , 2017, , .		0
14	Visual motion observer-based bilateral control for eye-in-hand mobile robot teleoperation. , 2013, , .		0
15	Stabilizing Predictive Visual Feedback Control via Image Space Navigation Function. Electronics and Communications in Japan, 2013, 96, 12-21.	0.5	0
16	Skill Level Evaluation for Taijiquan Based on Curve Fitting and Logarithmic Distribution Diagram of Curvature. SICE Journal of Control Measurement and System Integration, 2013, 6, 276-280.	0.7	6
17	Obstacle Avoidance of Visual Feedback Control via Navigation Function. IEEJ Transactions on Electronics, Information and Systems, 2013, 133, 1367-1375.	0.2	0
18	Visual motion observer-based pose control via obstacle avoidance navigation function for eye-in-hand systems. , 2012, , .		2

#	ARTICLE	IF	CITATIONS
19	Open-loop control for 2DOF robot manipulators with antagonistic bi-articular muscles. , 2012, , .		6
20	Visual motion observer-based stabilizing receding horizon control via obstacle avoidance navigation function. , 2012, , .		1
21	Stabilizing Predictive Visual Feedback Control via Image Space Navigation Function. IEEJ Transactions on Electronics, Information and Systems, 2012, 132, 721-729.	0.2	1
22	Passivity-based iterative learning control for visual feedback system. , 2011, , .		2
23	Passivity-based Visual Motion Observer with Panoramic Camera for Pose Control. Journal of Intelligent and Robotic Systems: Theory and Applications, 2011, 64, 561-583.	3.4	18
24	Passivity-based synchronized visual feedback control for eye-to-hand systems. , 2009, , .		0
25	Predictive Visual Feedback Control with Eye-in/to-Hand Configuration via Stabilizing Receding Horizon Approach. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2008, 41, 5341-5346.	0.4	18