

Keng Peng Tee

List of Publications by Year in descending order

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39
papers

5,765
citations

516710

16
h-index

839539

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g-index

39
all docs

39
docs citations

39
times ranked

2467
citing authors

#	ARTICLE	IF	CITATIONS
1	Adaptive bias RBF neural network control for a robotic manipulator. Neurocomputing, 2021, 447, 213-223.	5.9	54
2	Unified Human-Robot Shared Control with Application to Haptic Telemanipulation. , 2019, , .		4
3	Experimental Evaluation of Divisible Human-Robot Shared Control for Teleoperation Assistance. , 2018, , .		7
4	Supervised Autonomy Interface with Integrated Perception and Motion Planning for Telemanipulation Tasks. , 2018, , .		1
5	Switchings Between Trajectory Tracking and Force Minimization in Human-Robot Collaboration. , 2017, , 65-81.		2
6	A Framework of Human-Robot Coordination Based on Game Theory and Policy Iteration. IEEE Transactions on Robotics, 2016, 32, 1408-1418.	10.3	78
7	Simulation of a Tele-operated Task under Human-Robot Shared Control. , 2016, , .		0
8	Robust Adaptive Neural Tracking Control for a Class of Perturbed Uncertain Nonlinear Systems With State Constraints. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2016, 46, 1618-1629.	9.3	205
9	Adaptive neural control for an uncertain robotic manipulator with joint space constraints. International Journal of Control, 2016, 89, 1428-1446.	1.9	72
10	Teleoperation grasp assistance using infra-red sensor array. Robotica, 2015, 33, 986-1002.	1.9	2
11	Shared control of human and robot by approximate dynamic programming. , 2015, , .		9
12	Adaptive NN control for uncertain pure-feedback nonlinear systems with state constraints subject to unknown disturbances. , 2015, , .		5
13	Adaptive optimal control for coordination in physical human-robot interaction. , 2015, , .		10
14	Continuous Role Adaptation for Human-Robot Shared Control. IEEE Transactions on Robotics, 2015, 31, 672-681.	10.3	131
15	Gesture-based attention direction for a telepresence robot: Design and experimental study. , 2014, , .		5
16	Tangent Barrier Lyapunov Functions for the Control of Output-Constrained Nonlinear Systems. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2013, 46, 449-455.	0.4	92
17	Building Companionship through Human-Robot Collaboration. Lecture Notes in Computer Science, 2013, , 1-7.	1.3	9
18	Control of state-constrained nonlinear systems using Integral Barrier Lyapunov Functionals. , 2012, , .		155

#	ARTICLE	IF	CITATIONS
19	Adaptive control for robot manipulators under ellipsoidal task space constraints. , 2012, , .		4
20	Human-aided robotic grasping. , 2012, , .		10
21	Gesture Recognition Based on Localist Attractor Networks with Application to Robot Control [Application Notes]. IEEE Computational Intelligence Magazine, 2012, 7, 64-74.	3.2	19
22	Control of nonlinear systems with partial state constraints using a barrier Lyapunov function. International Journal of Control, 2011, 84, 2008-2023.	1.9	379
23	Tracking Control of Nonlinear Systems with Box-Constrained States. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2011, 44, 6715-6720.	0.4	0
24	Control of nonlinear systems with time-varying output constraints. Automatica, 2011, 47, 2511-2516.	5.0	803
25	Concurrent adaptation of force and impedance in the redundant muscle system. Biological Cybernetics, 2010, 102, 31-44.	1.3	89
26	Adaptive admittance control of a robot manipulator under task space constraint. , 2010, , .		15
27	Singularity-robust modular inverse kinematics for robotic gesture imitation. , 2010, , .		7
28	Adaptive Neural Control for Output Feedback Nonlinear Systems Using a Barrier Lyapunov Function. IEEE Transactions on Neural Networks, 2010, 21, 1339-1345.	4.2	857
29	Adaptive control for parametric output feedback systems with output constraint. , 2009, , .		12
30	Control of nonlinear systems with time-varying output constraints. , 2009, , .		29
31	Control of nonlinear systems with full state constraint using a Barrier Lyapunov Function. , 2009, , .		73
32	Adaptive tracking control of uncertain robotic manipulators in a constrained task space. , 2009, , .		1
33	Barrier Lyapunov Functions for the control of output-constrained nonlinear systems. Automatica, 2009, 45, 918-927.	5.0	2,061
34	Adaptive Control of Electrostatic Microactuators With Bidirectional Drive. IEEE Transactions on Control Systems Technology, 2009, 17, 340-352.	5.2	164
35	Adaptive Neural Network Control for Helicopters in Vertical Flight. IEEE Transactions on Control Systems Technology, 2008, 16, 753-762.	5.2	96
36	Output feedback neural control of helicopters. , 2008, , .		0

#	ARTICLE	IF	CITATIONS
37	CNS Learns Stable, Accurate, and Efficient Movements Using a Simple Algorithm. Journal of Neuroscience, 2008, 28, 11165-11173.	3.6	271
38	Tracking and Vibration Control of Flexible Robots Using Shape Memory Alloys. IEEE/ASME Transactions on Mechatronics, 2006, 11, 690-698.	5.8	18
39	Adaptive Neural Network Control of Helicopters with Unknown Dynamics. , 2006, , .		16