

Ning Wang

List of Publications by Year in descending order

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Version: 2024-02-01

36
papers

663
citations

759055

12
h-index

580701

25
g-index

36
all docs

36
docs citations

36
times ranked

640
citing authors

#	ARTICLE	IF	CITATIONS
1	A Learning Framework of Adaptive Manipulative Skills From Human to Robot. IEEE Transactions on Industrial Informatics, 2019, 15, 1153-1161.	7.2	120
2	Mind Control of a Robotic Arm With Visual Fusion Technology. IEEE Transactions on Industrial Informatics, 2018, 14, 3822-3830.	7.2	109
3	Biologically Inspired Motion Modeling and Neural Control for Robot Learning From Demonstrations. IEEE Transactions on Cognitive and Developmental Systems, 2019, 11, 281-291.	2.6	60
4	Enhanced teleoperation performance using hybrid control and virtual fixture. International Journal of Systems Science, 2019, 50, 451-462.	3.7	45
5	A review on manipulation skill acquisition through teleoperation-based learning from demonstration. Cognitive Computation and Systems, 2021, 3, 1-16.	0.8	45
6	Neural Learning Enhanced Variable Admittance Control for Human-Robot Collaboration. IEEE Access, 2020, 8, 25727-25737.	2.6	29
7	A Constrained DMPs Framework for Robot Skills Learning and Generalization From Human Demonstrations. IEEE/ASME Transactions on Mechatronics, 2021, 26, 3265-3275.	3.7	29
8	A Framework of Hybrid Force/Motion Skills Learning for Robots. IEEE Transactions on Cognitive and Developmental Systems, 2021, 13, 162-170.	2.6	27
9	Implementation and Test of Human-Operated and Human-Like Adaptive Impedance Controls on Baxter Robot. Lecture Notes in Computer Science, 2014, , 109-119.	1.0	24
10	Learning compliant robotic movements based on biomimetic motor adaptation. Robotics and Autonomous Systems, 2021, 135, 103668.	3.0	23
11	A novel iterative identification based on the optimised topology for common state monitoring in wireless sensor networks. International Journal of Systems Science, 2022, 53, 25-39.	3.7	21
12	A Unified Parametric Representation for Robotic Compliant Skills With Adaptation of Impedance and Force. IEEE/ASME Transactions on Mechatronics, 2022, 27, 623-633.	3.7	20
13	VFH Based Local Path Planning for Mobile Robot. , 2019, , .		13
14	Adaptive Compliant Skill Learning for Contact-Rich Manipulation With Human in the Loop. IEEE Robotics and Automation Letters, 2022, 7, 5834-5841.	3.3	12
15	Incremental Motor Skill Learning and Generalization From Human Dynamic Reactions Based on Dynamic Movement Primitives and Fuzzy Logic System. IEEE Transactions on Fuzzy Systems, 2022, 30, 1506-1515.	6.5	10
16	Bioinspired control design using cerebellar model articulation controller network for omnidirectional mobile robots. Advances in Mechanical Engineering, 2018, 10, 168781401879434.	0.8	9
17	Temporal patterns in multi-modal social interaction between elderly users and service robot. Interaction Studies, 2019, 20, 4-24.	0.4	8
18	Motion Planning for Mobile Robot with Modified BIT* and MPC. Applied Sciences (Switzerland), 2021, 11, 426.	1.3	7

#	ARTICLE	IF	CITATIONS
19	Composite dynamic movement primitives based on neural networks for human-robot skill transfer. <i>Neural Computing and Applications</i> , 2023, 35, 23283-23293.	3.2	7
20	A Framework for Composite Layup Skill Learning and Generalizing Through Teleoperation. <i>Frontiers in Neurorobotics</i> , 2022, 16, 840240.	1.6	7
21	Mind guided motion control of robot manipulator using EEG signals. , 2015, , .		6
22	A Wave Variable Approach With Multiple Channel Architecture for Teleoperated System. <i>IEEE Access</i> , 2019, 7, 143912-143920.	2.6	6
23	Exploration of Muscle Fatigue Effects in Bioinspired Robot Learning from sEMG Signals. <i>Complexity</i> , 2018, 2018, 1-9.	0.9	5
24	An Improvement of Robot Stiffness-Adaptive Skill Primitive Generalization Using the Surface Electromyography in Human-robot Collaboration. <i>Frontiers in Neuroscience</i> , 2021, 15, 694914.	1.4	4
25	A Compliant Force Control Scheme for Industrial Robot Interactive Operation. <i>Frontiers in Neurorobotics</i> , 2022, 16, 865187.	1.6	4
26	An Adaptive Fuzzy Control for Human-in-the-Loop Operations With Varying Communication Time Delays. <i>IEEE Robotics and Automation Letters</i> , 2022, 7, 5599-5606.	3.3	4
27	Online Robot Reference Trajectory Adaptation for Haptic Identification of Unknown Force Field. <i>International Journal of Control, Automation and Systems</i> , 2018, 16, 318-326.	1.6	2
28	Review of the techniques used in motor-cognitive human-robot skill transfer. <i>Cognitive Computation and Systems</i> , 2021, 3, 229-252.	0.8	2
29	DMPs-based skill learning for redundant dual-arm robotic synchronized cooperative manipulation. <i>Complex & Intelligent Systems</i> , 2022, 8, 2873-2882.	4.0	2
30	Leader-follower formation control of fully actuated USVs with prescribed performance and collision avoidance. , 2017, , .		1
31	Reactive and constrained motion primitive merging and adaptation. , 2021, , .		1
32	Observer-based Dynamic Surface Control for Robotic Manipulator with Fixed-time Convergence. , 2020, , .		1
33	A Method of Intention Estimation for Human-Robot Interaction. <i>Advances in Intelligent Systems and Computing</i> , 2020, , 69-80.	0.5	0
34	Longitudinal Driving Skills Transfer from Driver to Smart Vehicle. , 2021, , .		0
35	A Regulable Linear Guidance Flexible Virtual Fixture Based on EMG in Teleoperation System. , 2021, , .		0
36	A Robot Human-Like Learning Framework Applied to Unknown Environment Interaction. <i>Complexity</i> , 2022, 2022, 1-10.	0.9	0