Ayse Kucukyilmaz

List of Publications by Year
in descending order

20 papers	489 citations	1307594 7 h-index	1199594 12 g-index
21 all docs	21 docs citations	21 times ranked	409 citing authors

#	Article	IF	Citations
1	The role of roles: Physical cooperation between humans and robots. International Journal of Robotics Research, 2012, 31, 1656-1674.	8.5	216
2	Intention Recognition for Dynamic Role Exchange in Haptic Collaboration. IEEE Transactions on Haptics, 2013, 6, 58-68.	2.7	51
3	Haptic negotiation and role exchange for collaboration in virtual environments. , 2010, , .		40
4	Recognition of Haptic Interaction Patterns in Dyadic Joint Object Manipulation. IEEE Transactions on Haptics, 2015, 8, 54-66.	2.7	36
5	Learning Shared Control by Demonstration for Personalized Wheelchair Assistance. IEEE Transactions on Haptics, 2018, 11, 431-442.	2.7	30
6	Supporting Negotiation Behavior with Haptics-Enabled Human-Computer Interfaces. IEEE Transactions on Haptics, 2012, 5, 274-284.	2.7	21
7	Haptic-Guided Teleoperation of a 7-DoF Collaborative Robot Arm With an Identical Twin Master. IEEE Transactions on Haptics, 2020, 13, 246-252.	2.7	21
8	Conveying intentions through haptics in human-computer collaboration. , 2011, , .		14
9	One-shot assistance estimation from expert demonstrations for a shared control wheelchair system. , 2015, , .		13
10	Patient, carer, and staff perceptions of robotics in motor rehabilitation: a systematic review and qualitative meta-synthesis. Journal of NeuroEngineering and Rehabilitation, 2021, 18, 181.	4.6	10
11	A Novel Haptic Feature Set for the Classification of Interactive Motor Behaviors in Collaborative Object Transfer. IEEE Transactions on Haptics, 2021, 14, 384-395.	2.7	7
12	Improving Human-Computer Cooperation Through Haptic Role Exchange and Negotiation. Springer Series on Touch and Haptic Systems, 2012, , 229-254.	0.3	7
13	Push-to-See: Learning Non-Prehensile Manipulation to Enhance Instance Segmentation via Deep Q-Learning. , 2022, , .		6
14	Do Not Make the Same Mistakes Again and Again: Learning Local Recovery Policies for Navigation From Human Demonstrations. IEEE Robotics and Automation Letters, 2018, 3, 4084-4091.	5.1	5
15	Online Identification of Interaction Behaviors From Haptic Data During Collaborative Object Transfer. IEEE Robotics and Automation Letters, 2020, 5, 96-102.	5.1	4
16	Intent-Aware Predictive Haptic Guidance and its Application to Shared Control Teleoperation. , 2021, , .		4
17	A Soft+Rigid Hybrid Exoskeleton Concept in Scissors-Pendulum Mode: A Suit for Human State Sensing and an Exoskeleton for Assistance. , 2019, 2019, 518-523.		2
18	Role allocation through haptics in physical human-robot interaction. , 2013, , .		1

#	Article	IF	Citations
19	An Animation System for Fracturing of Rigid Objects. Lecture Notes in Computer Science, 2005, , 688-697.	1.3	0
20	The Goods and Bads in Dyadic Co-Manipulation: Identifying Conflict-Driven Interaction Behaviours in Human-Human Collaboration. , 2020, , .		0