

David Feil-Seifer

List of Publications by Year in descending order

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Version: 2024-02-01

59
papers

1,604
citations

840776

11
h-index

713466

21
g-index

60
all docs

60
docs citations

60
times ranked

1404
citing authors

#	ARTICLE	IF	CITATIONS
1	Where to Next? The Impact of COVID-19 on Human-Robot Interaction Research. ACM Transactions on Human-Robot Interaction, 2021, 10, 1-7.	4.1	64
2	Perceived Social Intelligence as Evaluation of Socially Navigation. , 2021, , .		4
3	Towards Deep Reasoning on Social Rules for Socially Aware Navigation. , 2021, , .		5
4	The Effectiveness of Multi-Label Classification and Multi-Output Regression in Social Trait Recognition. Sensors, 2021, 21, 4127.	3.8	2
5	Socially Aware Navigation: A Non-linear Multi-objective Optimization Approach. ACM Transactions on Interactive Intelligent Systems, 2021, 11, 1-26.	3.7	6
6	A Deep Learning Approach To Multi-Context Socially-Aware Navigation. , 2021, , .		5
7	Birds of a Feather Flock Together: A Study of Status Homophily in HRI. Lecture Notes in Computer Science, 2021, , 281-291.	1.3	1
8	A Distributed Control Framework of Multiple Unmanned Aerial Vehicles for Dynamic Wildfire Tracking. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2020, 50, 1537-1548.	9.3	87
9	Optimal UAV Positioning for a Temporary Network Using an Iterative Genetic Algorithm. , 2020, , .		3
10	A Multi-Robotic System for Environmental Dirt Cleaning. , 2020, , .		3
11	Area-Optimized UAV Swarm Network for Search and Rescue Operations. , 2020, , .		24
12	Measuring the Perceived Social Intelligence of Robots. ACM Transactions on Human-Robot Interaction, 2020, 9, 1-29.	4.1	24
13	Towards GPU-Accelerated PRM for Autonomous Navigation. Advances in Intelligent Systems and Computing, 2020, , 563-569.	0.6	0
14	Human-Robot Collaboration and Dialogue for Fault Recovery on Hierarchical Tasks. Lecture Notes in Computer Science, 2020, , 144-156.	1.3	3
15	Perceived Mistreatment and Emotional Capability Following Aggressive Treatment of Robots and Computers. International Journal of Social Robotics, 2019, 11, 727-739.	4.6	18
16	History-Aware Free Space Detection for Efficient Autonomous Exploration using Aerial Robots. , 2019, , .		2
17	Factors Influencing The Human Preferred Interaction Distance. , 2019, , .		8
18	Active Eye-in-Hand Data Management to Improve the Robotic Object Detection Performance. Computers, 2019, 8, 71.	3.3	3

#	ARTICLE	IF	CITATIONS
19	Perception of Social Intelligence in Robots Performing False-Belief Tasks. , 2019, , .		13
20	Learning of Complex-Structured Tasks from Verbal Instruction. , 2019, , .		4
21	Embodiment, Situatedness, and Morphology for Humanoid Robots Interacting with People. , 2019, , 2313-2335.		6
22	An Active Robotic Vision System with a Pair of Moving and Stationary Cameras. Lecture Notes in Computer Science, 2019, , 184-195.	1.3	2
23	Collaborative Human-Robot Hierarchical Task Execution with an Activation Spreading Architecture. Lecture Notes in Computer Science, 2019, , 301-310.	1.3	3
24	Reliable Security Algorithm for Drones Using Individual Characteristics From an EEG Signal. IEEE Access, 2018, 6, 22976-22986.	4.2	23
25	Socially-Aware Navigation Using Non-Linear Multi-Objective Optimization. , 2018, , .		15
26	Search and Rescue Operations with Mesh Networked Robots. , 2018, , .		5
27	Unplugged Robotics to Increase K-12 Studentsâ€™ Engineering Interest and Attitudes. , 2018, , .		12
28	Reinforcement Learning for Autonomous UAV Navigation Using Function Approximation. , 2018, , .		37
29	A distributed control architecture for collaborative multi-robot task allocation. , 2017, , .		10
30	A distributed control framework for a team of unmanned aerial vehicles for dynamic wildfire tracking. , 2017, , .		71
31	Socially-aware navigation planner using models of human-human interaction. , 2017, , .		17
32	Development of a Swarm UAV Simulator Integrating Realistic Motion Control Models for Disaster Operations. , 2017, , .		1
33	Securing a UAV using individual characteristics from an EEG signal. , 2017, , .		7
34	Embodiment, Situatedness, and Morphology for Humanoid Robots Interacting with People. , 2017, , 1-23.		10
35	Understanding Agency in Interactions Between Children With Autism and Socially Assistive Robots. Journal of Human-robot Interaction, 2017, 6, 21.	2.0	19
36	Editorial Introduction: Are You Reviewer 2: Three Ideas for Better Reviewing. Journal of Human-robot Interaction, 2017, 6, 1.	2.0	1

#	ARTICLE	IF	CITATIONS
37	A compact task representation for hierarchical robot control. , 2016, , .		9
38	Too big to be mistreated? Examining the role of robot size on perceptions of mistreatment. , 2016, , .		20
39	Atypical Asymmetry for Processing Human and Robot Faces in Autism Revealed by fNIRS. PLoS ONE, 2016, 11, e0158804.	2.5	31
40	Does the Safety Demand Characteristic Influence Human-Robot Interaction?. Lecture Notes in Computer Science, 2016, , 850-859.	1.3	0
41	Team-Building Activities for Heterogeneous Groups of Humans and Robots. Lecture Notes in Computer Science, 2015, , 113-123.	1.3	7
42	How to train your DragonBot: Socially assistive robots for teaching children about nutrition through play. , 2014, , .		81
43	The tail shouldn't wag the dog. Interaction Studies, 2014, 15, 195-200.	0.6	3
44	Are you looking at me? Perception of robot attention is mediated by gaze type and group size. , 2013, , .		25
45	People-aware navigation for goal-oriented behavior involving a human partner. , 2011, , .		28
46	Socially Assistive Robotics. IEEE Robotics and Automation Magazine, 2011, 18, 24-31.	2.0	242
47	A comparison of machine learning techniques for modeling human-robot interaction with children with autism. , 2011, , .		3
48	Automated detection and classification of positive vs. negative robot interactions with children with autism using distance-based features. , 2011, , .		62
49	Dry your eyes. Interaction Studies, 2010, 11, 208-213.	0.6	12
50	Using proxemics to evaluate human-robot interaction. , 2010, , .		4
51	Using proxemics to evaluate human-robot interaction. , 2010, , .		4
52	Human Robot Interaction. , 2009, , 4643-4659.		35
53	Toward Socially Assistive Robotics for Augmenting Interventions for Children with Autism Spectrum Disorders. Springer Tracts in Advanced Robotics, 2009, , 201-210.	0.4	128
54	B ³ IA: A control architecture for autonomous robot-assisted behavior intervention for children with Autism Spectrum Disorders. , 2008, , .		30

#	ARTICLE	IF	CITATIONS
55	Robot-assisted therapy for children with autism spectrum disorders. , 2008, , .		62
56	Benchmarks for evaluating socially assistive robotics. Interaction Studies, 2007, 8, 423-439.	0.6	93
57	The role of physical embodiment in human-robot interaction. , 2006, , .		170
58	Shaping human behavior by observing mobility gestures. , 2006, , .		1
59	Distance-Based Computational Models for Facilitating Robot Interaction with Children. Journal of Human-robot Interaction, 0, , 55-77.	2.0	36