

# Daniel J Szafir

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8066336/publications.pdf>

Version: 2024-02-01

39  
papers

1,346  
citations

1684188

5  
h-index

1872680

6  
g-index

39  
all docs

39  
docs citations

39  
times ranked

732  
citing authors

#	ARTICLE	IF	CITATIONS
1	Designing Expandable-Structure Robots for Human-Robot Interaction. <i>Frontiers in Robotics and AI</i> , 2022, 9, 719639.	3.2	2
2	Connecting Human-Robot Interaction and Data Visualization. , 2021, , .		21
3	ARC-LfD: Using Augmented Reality for Interactive Long-Term Robot Skill Maintenance via Constrained Learning from Demonstration. , 2021, , .		19
4	A Mixed Reality Supervision and Telepresence Interface for Outdoor Field Robotics. , 2021, , .		2
5	What Information Should a Robot Convey?. , 2021, , .		1
6	PufferBot: Actuated Expandable Structures for Aerial Robots. , 2020, , .		14
7	RoomShift: Room-scale Dynamic Haptics for VR with Furniture-moving Swarm Robots. , 2020, , .		60
8	Virtual, Augmented, and Mixed Reality for Human-Robot Interaction (VAM-HRI). , 2020, , .		7
9	Comparing F-Formations Between Humans and On-Screen Agents. , 2020, , .		8
10	REFORM: Recognizing F-formations for Social Robots. , 2020, , .		10
11	Visualization of Intended Assistance for Acceptance of Shared Control. , 2020, , .		13
12	Balanced Information Gathering and Goal-Oriented Actions in Shared Autonomy. , 2019, , .		13
13	The Influence of Size in Augmented Reality Telepresence Avatars. , 2019, , .		18
14	Everybody Needs Somebody Sometimes: Validation of Adaptive Recovery in Robotic Space Operations. <i>IEEE Robotics and Automation Letters</i> , 2019, 4, 1216-1223.	5.1	7
15	Mediating Human-Robot Interactions with Virtual, Augmented, and Mixed Reality. <i>Lecture Notes in Computer Science</i> , 2019, , 124-149.	1.3	28
16	RoboGraphics: Using Mobile Robots to Create Dynamic Tactile Graphics. , 2019, , .		3
17	HugBot. , 2019, , .		10
18	The Reality-Virtuality Interaction Cube: A Framework for Conceptualizing Mixed-Reality Interaction Design Elements for HRI. , 2019, , .		5

#	ARTICLE	IF	CITATIONS
19	Recognizing F-Formations in the Open World. , 2019, , .		16
20	Virtual, Augmented, and Mixed Reality for Human-Robot Interaction (VAM-HRI). , 2019, , .		15
21	Robot Teleoperation with Augmented Reality Virtual Surrogates. , 2019, , .		69
22	RoboGraphics. , 2019, , .		20
23	Failure is Not an Option: Policy Learning for Adaptive Recovery in Space Operations. IEEE Robotics and Automation Letters, 2018, 3, 1639-1646.	5.1	11
24	Communicating Robot Motion Intent with Augmented Reality. , 2018, , .		152
25	Improving Collocated Robot Teleoperation with Augmented Reality. , 2018, , .		115
26	Virtual, Augmented, and Mixed Reality for Human-Robot Interaction. , 2018, , .		43
27	Proactive Robot Assistants for Freeform Collaborative Tasks Through Multimodal Recognition of Generic Subtasks. , 2018, , .		4
28	Virtual-to-Real-World Transfer Learning for Robots on Wilderness Trails. , 2018, , .		6
29	The 1st International Workshop on Virtual, Augmented, and Mixed Reality for Human-Robot Interaction. AI Magazine, 2018, 39, 64-66.	1.6	10
30	The Haptic Video Player. , 2018, , .		6
31	Improving Object Disambiguation from Natural Language using Empirical Models. , 2018, , .		4
32	Designing planning and control interfaces to support user collaboration with flying robots. International Journal of Robotics Research, 2017, 36, 514-542.	8.5	35
33	Designing for Depth Perceptions in Augmented Reality. , 2017, , .		59
34	GUI Robots. , 2017, , .		7
35	Communicating Directionality in Flying Robots. , 2015, , .		137
36	Human interaction with assistive free-flyers. , 2014, , .		0

#	ARTICLE	IF	CITATIONS
37	Communication of intent in assistive free flyers. , 2014, , .		111
38	ARTFul. , 2013, , .		71
39	Pay attention!. , 2012, , .		214