

# Yoshio Matsumoto

## List of Publications by Year in descending order

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Version: 2024-02-01

60  
papers

817  
citations

567281  
15  
h-index

642732  
23  
g-index

60  
all docs

60  
docs citations

60  
times ranked

575  
citing authors

#	ARTICLE	IF	CITATIONS
1	Whole body sensing dummy of the elderly to evaluate robotic devices for nursing care. <i>Advanced Robotics</i> , 2021, 35, 504-515.	1.8	3
2	Group-Based Online Job Interview Training Program Using Virtual Robot for Individuals With Autism Spectrum Disorders. <i>Frontiers in Psychiatry</i> , 2021, 12, 704564.	2.6	3
3	Optimal robot for intervention for individuals with autism spectrum disorders. <i>Psychiatry and Clinical Neurosciences</i> , 2020, 74, 581-586.	1.8	44
4	Enhancing Communication Skills of Individuals With Autism Spectrum Disorders While Maintaining Social Distancing Using Two Tele-Operated Robots. <i>Frontiers in Psychiatry</i> , 2020, 11, 598688.	2.6	10
5	Telmisartan Exacerbates Cisplatin-Induced Nephrotoxicity in a Mouse Model. <i>Biological and Pharmaceutical Bulletin</i> , 2020, 43, 1331-1337.	1.4	4
6	How the Realism of Robot Is Needed for Individuals With Autism Spectrum Disorders in an Interview Setting. <i>Frontiers in Psychiatry</i> , 2019, 10, 486.	2.6	4
7	Relaxing Gaze Aversion of Adolescents With Autism Spectrum Disorder in Consecutive Conversations With Human and Android Robot—A Preliminary Study. <i>Frontiers in Psychiatry</i> , 2019, 10, 370.	2.6	21
8	Role-Play-Based Guidance for Job Interviews Using an Android Robot for Individuals With Autism Spectrum Disorders. <i>Frontiers in Psychiatry</i> , 2019, 10, 239.	2.6	19
9	Comedic experience with two robots aided a child with autism spectrum disorder to realize the importance of nonverbal communication. <i>Psychiatry and Clinical Neurosciences</i> , 2019, 73, 423-423.	1.8	7
10	Job interview training targeting nonverbal communication using an android robot for individuals with autism spectrum disorder. <i>Autism</i> , 2019, 23, 1586-1595.	4.1	42
11	Brief Report: Evaluating the Utility of Varied Technological Agents to Elicit Social Attention from Children with Autism Spectrum Disorders. <i>Journal of Autism and Developmental Disorders</i> , 2019, 49, 1700-1708.	2.7	34
12	Communication Support via a Tele-Operated Robot for Easier Talking: Case/Laboratory Study of Individuals with/Without Autism Spectrum Disorder. <i>International Journal of Social Robotics</i> , 2019, 11, 171-184.	4.6	24
13	Impressions of Humanness for Android Robot may Represent an Endophenotype for Autism Spectrum Disorders. <i>Journal of Autism and Developmental Disorders</i> , 2018, 48, 632-634.	2.7	16
14	The impact of robotic intervention on joint attention in children with autism spectrum disorders. <i>Molecular Autism</i> , 2018, 9, 46.	4.9	54
15	Can Robotic Systems Promote Self-Disclosure in Adolescents with Autism Spectrum Disorder? A Pilot Study. <i>Frontiers in Psychiatry</i> , 2018, 9, 36.	2.6	37
16	Psychological Evaluation on Influence of Appearance and Synchronizing Operation of Android Robot. <i>Springer Proceedings in Advanced Robotics</i> , 2017, , 819-828.	1.3	0
17	Tele-Operating an Android Robot to Promote the Understanding of Facial Expressions and to Increase Facial Expressivity in Individuals With Autism Spectrum Disorder. <i>American Journal of Psychiatry</i> , 2017, 174, 904-905.	7.2	15
18	Solving pose ambiguity of planar visual marker by wavelike two-tone patterns. , 2017, , .		14

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19	Android Robot-Mediated Mock Job Interview Sessions for Young Adults with Autism Spectrum Disorder: A Pilot Study. <i>Frontiers in Psychiatry</i> , 2017, 8, 169.	2.6	47
20	A pilot study for robot appearance preferences among high-functioning individuals with autism spectrum disorder: Implications for therapeutic use. <i>PLoS ONE</i> , 2017, 12, e0186581.	2.5	36
21	Advantages of indirect conversation via a desktop humanoid robot: Case study on daily life guidance for adolescents with autism spectrum disorders. , 2016, , .		17
22	Forward dynamics simulation of human figures on assistive devices using geometric skin deformation model. , 2015, 2015, 2442-5.		10
23	Touching an Android robot: Would you do it and how?.. , 2015, , .		7
24	Different impressions of other agents obtained through social interaction uniquely modulate dorsal and ventral pathway activities in the social human brain. <i>Cortex</i> , 2014, 58, 289-300.	2.4	62
25	A Path-Planning Method for Human-Tracking Agents Based on Long-Term Prediction. <i>IEEE Transactions on Systems, Man and Cybernetics, Part C: Applications and Reviews</i> , 2012, 42, 1543-1554.	2.9	6
26	Bacteria-inspired underactuated mobile robot based on a biological fluctuation. <i>Adaptive Behavior</i> , 2012, 20, 225-236.	1.9	9
27	Development of an android robot for psychological support in medical and welfare fields. , 2011, , .		32
28	'Yuragi'-Based Adaptive Mobile Robot Search With and Without Gradient Sensing: From Bacterial Chemotaxis to a Levy Walk. <i>Advanced Robotics</i> , 2011, 25, 2019-2037.	1.8	16
29	Indoor and Outdoor Navigation based on View Sequence under Variable Illumination Condition. <i>Journal of the Robotics Society of Japan</i> , 2011, 27, 768-773.	0.1	4
30	Human tracking with variable prediction steps based on Kullback-Leibler divergence. <i>Artificial Life and Robotics</i> , 2010, 15, 111-116.	1.2	3
31	Generating individual maps from Universal map for heterogeneous mobile robots. , 2010, , .		4
32	Hand pose estimation using voxel-based individualized hand model. , 2009, , .		4
33	Psychological effects on interpersonal communication by bystander android using motions based on human-like needs. , 2009, , .		15
34	3D model-based 6-DOF head tracking by a single camera for human-robot interaction. , 2009, , .		9
35	Noise-based underactuated mobile robot inspired by bacterial motion mechanism. , 2009, , .		2
36	Indoor Navigation for a Humanoid Robot Using a View Sequence. <i>International Journal of Robotics Research</i> , 2009, 28, 315-325.	8.5	61

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37	Control method for a robot based on the adaptive attractor selection model. , 2009, , .		2
38	1 DOF swimming robot inspired by bacterial motion mechanism. , 2009, , .		1
39	Vibration suppression control using a pattern generator for a robot driven by air actuators. , 2009, , .		2
40	Personal identification and visualization of relationships by using human trajectories. , 2009, , .		1
41	Yuragi-based adaptive searching behavior in mobile robot: From bacterial chemotaxis to Levy walk. , 2009, , .		21
42	User-Adaptable Hand Pose Estimation Technique for Human-Robot Interaction. Journal of Robotics and Mechatronics, 2009, 21, 739-748.	1.0	1
43	Model-based hand pose estimation using multiple viewpoint silhouette images and Unscented Kalman Filter. , 2008, , .		9
44	Estimation of group attention for automated camerawork. , 2008, , .		0
45	Humanoid with Interaction Ability Using Vision and Speech Information. , 2006, , .		26
46	Recognition of In-Hand Manipulation along with Rolling Contact using Orbital Motion of Contact Points on Object Surface. , 2006, , .		2
47	Evaluation of Manipulative Familiarization and Fatigue Using Contact State Transition on Palm Surface. Nippon Kikai Gakkai Ronbunshu, C Hen/Transactions of the Japan Society of Mechanical Engineers, Part C, 2006, 72, 3601-3608.	0.2	0
48	Brain Activity in the Evaluation of the Impression of Robot Bodily Expressions. , 2006, , .		2
49	Manipulative Familiarization and Fatigue Evaluation Using Contact State Transition. , 2006, , .		1
50	Drive Monitoring System Based on Non-Contact Measurement System of Driver's Focus of Visual Attention. Nippon Kikai Gakkai Ronbunshu, C Hen/Transactions of the Japan Society of Mechanical Engineers, Part C, 2005, 71, 519-524.	0.2	1
51	AR-Based Assistance System to Search Disaster Victims Using Teleoperated Unmanned Helicopter. Transactions of the Society of Instrument and Control Engineers, 2005, 41, 1019-1025.	0.2	6
52	309 Estimation of the Slip Margin in Human Walk by Processing the Plantar Images. Proceedings of the JSME Bioengineering Conference and Seminar, 2005, 2004.17, 101-102.	0.0	0
53	A Study of the Toe Function for Human Walking by the Existence of a Toe Using a Toe Pressure Measurement System. Nippon Kikai Gakkai Ronbunshu, C Hen/Transactions of the Japan Society of Mechanical Engineers, Part C, 2004, 70, 213-220.	0.2	0
54	An Optical 6-Axis Force Sensor for Brain Function Analysis using fMRI. Nippon Kikai Gakkai Ronbunshu, C Hen/Transactions of the Japan Society of Mechanical Engineers, Part C, 2004, 70, 743-750.	0.2	4

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55	Application of Head Tracking Method Using Stereo Camera Pair and Localization Method Using Laser Range Finder to Augmented Reality. Transactions of the Society of Instrument and Control Engineers, 2004, 40, 755-761.	0.2	0
56	View-based navigation using an omniview sequence in a corridor environment. Machine Vision and Applications, 2003, 14, 121-128.	2.7	22
57	Visual Navigation Based on View-Sequenced Route Representation.. Journal of the Robotics Society of Japan, 1997, 15, 236-242.	0.1	6
58	On-the-spot Rider-directed Action Instruction with the Personal Vision-based Mobile Robot "Hyper Scooter".. Journal of the Robotics Society of Japan, 1996, 14, 1138-1144.	0.1	5
59	Differences in the Optimal Motion of Android Robots for the Ease of Communications Among Individuals With Autism Spectrum Disorders. Frontiers in Psychiatry, 0, 13, .	2.6	5
60	Android Robot Promotes Disclosure of Negative Narratives by Individuals With Autism Spectrum Disorders. Frontiers in Psychiatry, 0, 13, .	2.6	5