

# Toshinobu Takei

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3961369/publications.pdf>

Version: 2024-02-01

19  
papers

58  
citations

2258059

3  
h-index

2053705

5  
g-index

20  
all docs

20  
docs citations

20  
times ranked

35  
citing authors

#	ARTICLE	IF	CITATIONS
1	Path planning of wheel loader type robot for scooping and loading operation by genetic algorithm. , 2013, , .		12
2	Path planning to expedite the complete transfer of distributed gravel piles with an automated wheel loader. Advanced Robotics, 2021, 35, 1418-1437.	1.8	7
3	Simultaneous determination of an optimal unloading point and paths between scooping points and the unloading point for a wheel loader. , 2015, , .		6
4	Effect of tactile contact lens on rubber artificial skin layer with a strain gauge. , 2016, , .		5
5	Wearable artificial skin layer for the reconstruction of touched geometry by morphological computation. Advanced Robotics, 2018, 32, 1122-1134.	1.8	5
6	Surface Undulation Detection System Using Wearable Artificial Skin Layer with Strain Gauge. , 2019, , .		5
7	Simultaneous determination of optimized one unloading point and plural scooping points for wheel loader. , 2015, , .		4
8	Rubber artificial skin layer with flexible structure for shape estimation of micro-undulation surfaces. ROBOMECH Journal, 2020, 7, .	1.6	4
9	Analysis of cooking recipes written in Japanese and motion planning for cooking robot. ROBOMECH Journal, 2021, 8, .	1.6	2
10	Interpreting and Motion Generation for a Cooking Robot. The Proceedings of JSME Annual Conference on Robotics and Mechatronics (Robomec), 2019, 2019, 1P2-C11.	0.0	2
11	2A1-D07 Motion Planning for Wheel-Loader : Comparison of Motion Planning Algorithms include K-Turn Motion(Wheeled Robot/Tracked Vehicle (1)). The Proceedings of JSME Annual Conference on Robotics and Mechatronics (Robomec), 2014, 2014, _2A1-D07_1-_2A1-D07_4.	0.0	2
12	Hand Shape Discrimination in Touch Interface toward Personal Authentication on a Tablet Computer. , 2013, , .		1
13	Development of motorized shoes for wearable personal mobility operated by human posture angle. , 2014, , .		1
14	Environmental mapping by a riding bicycle for a navigation map of autonomous mobile robot. , 2015, , .		1
15	Spiral coil beneath fingertip enhances tactile sensation while tracing surface with small undulations. Advanced Robotics, 2021, 35, 295-307.	1.8	1
16	Case Evaluation of the Educational Effects of a Robotics Classroom for Upper Grade Elementary School Children. Journal of the Robotics Society of Japan, 2016, 34, 544-551.	0.1	0
17	Prototype of Wheeled Stilts-Type Personal Micro-Mobility. , 2021, , .		0
18	Tactile Scanning for Detecting Micro Bump by Strain-Sensitive Artificial Skin. IEEE Robotics and Automation Letters, 2021, 6, 7541-7548.	5.1	0

#	ARTICLE	IF	CITATIONS
19	Analysis of scattering operation for wheel loader considering digging behaviour of soil. Transactions of the JSME (in Japanese), 2020, 86, 20-00062-20-00062.	0.2	0