

# Xuanyi Zhou

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2195837/publications.pdf>

Version: 2024-02-01

9  
papers

97  
citations

1937685  
4  
h-index

1474206  
9  
g-index

9  
all docs

9  
docs citations

9  
times ranked

118  
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental validation of manipulability optimization control of a 7-DoF serial manipulator for robot-assisted surgery. <i>International Journal of Medical Robotics and Computer Assisted Surgery</i> , 2021, 17, 1-11.	2.3	7
2	Optimization of Noise Transfer Path Based on the Composite Panel Acoustic and Modal Contribution Analysis. <i>Complexity</i> , 2021, 2021, 1-15.	1.6	1
3	A Novel Human-Like Control Framework for Mobile Medical Service Robot. <i>Complexity</i> , 2020, 2020, 1-11.	1.6	3
4	A Muscle Teleoperation System of a Robotic Rollator Based on Bilateral Shared Control. <i>IEEE Access</i> , 2020, 8, 151160-151170.	4.2	3
5	Motion Kinematics Analysis of a Horse Inspired Terrain-Adaptive Unmanned Vehicle With Four Hydraulic Swing Arms. <i>IEEE Access</i> , 2020, 8, 194351-194362.	4.2	10
6	A novel muscle-computer interface for hand gesture recognition using depth vision. <i>Journal of Ambient Intelligence and Humanized Computing</i> , 2020, 11, 5569-5580.	4.9	20
7	Depth vision guided hand gesture recognition using electromyographic signals. <i>Advanced Robotics</i> , 2020, 34, 985-997.	1.8	49
8	Asymmetric Bimanual Control of Dual-arm Serial Manipulator for Robot-assisted Minimally Invasive Surgeries. <i>Sensors and Materials</i> , 2020, 32, 1223.	0.5	3
9	Human Activity Recognition Enhanced Robot-Assisted Minimally Invasive Surgery. <i>Mechanisms and Machine Science</i> , 2020, , 121-129.	0.5	1