

# Zhengyou Zhang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5557052/publications.pdf>

Version: 2024-02-01

10  
papers

290  
citations

1937685

4  
h-index

2053705

5  
g-index

10  
all docs

10  
docs citations

10  
times ranked

57  
citing authors

#	ARTICLE	IF	CITATIONS
1	Highly stable flexible pressure sensors with a quasi-homogeneous composition and interlinked interfaces. Nature Communications, 2022, 13, 1317.	12.8	141
2	A paradigm shift fully self-powered long-distance wireless sensing solution enabled by discharge-induced displacement current. Science Advances, 2021, 7, eabi6751.	10.3	50
3	Learning-Based Balance Control of Wheel-Legged Robots. IEEE Robotics and Automation Letters, 2021, 6, 7667-7674.	5.1	33
4	Balance Control of a Novel Wheel-legged Robot: Design and Experiments. , 2021, , .		28
5	Nonlinear Balance Control of an Unmanned Bicycle: Design and Experiments. , 2020, , .		12
6	Explainable Hierarchical Imitation Learning for Robotic Drink Pouring. IEEE Transactions on Automation Science and Engineering, 2022, 19, 3871-3887.	5.2	9
7	Asymptotic Trajectory Tracking of Autonomous Bicycles via Backstepping and Optimal Control. , 2022, 6, 1292-1297.		7
8	Gain Scheduled Controller Design for Balancing an Autonomous Bicycle. , 2020, , .		7
9	DA <sup>2</sup> Dataset: Toward Dexterity-Aware Dual-Arm Grasping. IEEE Robotics and Automation Letters, 2022, 7, 8941-8948.	5.1	2
10	Measuring Infant's Length with an Image. , 2018, , .		1