

# Xinzheng Zhang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10479168/publications.pdf>

Version: 2024-02-01

10  
papers

79  
citations

2258059

3  
h-index

2053705

5  
g-index

10  
all docs

10  
docs citations

10  
times ranked

97  
citing authors

#	ARTICLE	IF	CITATIONS
1	Sensor Fusion of Monocular Cameras and Laser Rangefinders for Line-Based Simultaneous Localization and Mapping (SLAM) Tasks in Autonomous Mobile Robots. <i>Sensors</i> , 2012, 12, 429-452.	3.8	40
2	A Robust Regression Model for Simultaneous Localization and Mapping in Autonomous Mobile Robot. <i>Journal of Intelligent and Robotic Systems: Theory and Applications</i> , 2008, 53, 183-202.	3.4	17
3	A novel mapping strategy based on neocortex model: Pre-liminary results by hierarchical temporal memory. , 2012, , .		5
4	Simple perception-action strategy based on hierarchical temporal memory. , 2013, , .		4
5	Skill Learning for Intelligent Robot by Perception-Action Integration: A View from Hierarchical Temporal Memory. <i>Complexity</i> , 2017, 2017, 1-16.	1.6	4
6	A hierarchical emotion regulated sensorimotor model: Case studies. , 2016, , .		3
7	Toward navigation ability for autonomous mobile robots with learning from demonstration paradigm. <i>International Journal of Advanced Robotic Systems</i> , 2018, 15, 172988141877793.	2.1	3
8	A Fusion Detection Algorithm of Motional Ship in Bridge Collision Avoidance System. , 2017, , .		2
9	Sensor Fusion for SLAM Based on Information Theory. <i>Journal of Intelligent and Robotic Systems: Theory and Applications</i> , 2010, 59, 241-267.	3.4	1
10	An optimal data association method based on the minimum weighted bipartite perfect matching. <i>Autonomous Robots</i> , 2016, 40, 77-91.	4.8	0