

# Wen Xiao

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6156831/publications.pdf>

Version: 2024-02-01

9  
papers

153  
citations

1684188  
5  
h-index

1588992  
8  
g-index

9  
all docs

9  
docs citations

9  
times ranked

76  
citing authors

#	ARTICLE	IF	CITATIONS
1	Deep learning of grasping detection for a robot used in sorting construction and demolition waste. <i>Journal of Material Cycles and Waste Management</i> , 2021, 23, 84-95.	3.0	37
2	Visual detection of construction and demolition waste using multi-sensor fusion. <i>Proceedings of Institution of Civil Engineers: Waste and Resource Management</i> , 2021, 174, 112-122.	0.8	2
3	Development of an automatic sorting robot for construction and demolition waste. <i>Clean Technologies and Environmental Policy</i> , 2020, 22, 1829-1841.	4.1	33
4	Optimization of Grasping Efficiency of a Robot Used for Sorting Construction and Demolition Waste. <i>International Journal of Automation and Computing</i> , 2020, 17, 691-700.	4.5	18
5	Classifying construction and demolition waste by combining spatial and spectral features. <i>Proceedings of Institution of Civil Engineers: Waste and Resource Management</i> , 2020, 173, 79-90.	0.8	5
6	Experimental Research on Construction-Waste-Classification Algorithms for a Hyperspectral-Camera System. <i>Journal of Solid Waste Technology and Management</i> , 2020, 46, 5-14.	0.2	0
7	A robust classification algorithm for separation of construction waste using NIR hyperspectral system. <i>Waste Management</i> , 2019, 90, 1-9.	7.4	42
8	Development of online classification system for construction waste based on industrial camera and hyperspectral camera. <i>PLoS ONE</i> , 2019, 14, e0208706.	2.5	13
9	Recognition of Concrete and Gray Brick Based on Color and Texture Features. <i>Journal of Testing and Evaluation</i> , 2019, 47, 3224-3237.	0.7	3