

# Shih-Yu Chen

## List of Publications by Year in descending order

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18  
papers

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citations

933447

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1125743

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18  
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docs citations

18  
times ranked

276  
citing authors

#	ARTICLE	IF	CITATIONS
1	Real-time defect inspection of green coffee beans using NIR snapshot hyperspectral imaging. Computers and Electronics in Agriculture, 2022, 197, 106970.	7.7	14
2	Surface Defect Detection of Wet-Blue Leather Using Hyperspectral Imaging. IEEE Access, 2021, 9, 127685-127702.	4.2	17
3	Hybrid Deep Learning Models with Sparse Enhancement Technique for Detection of Newly Grown Tree Leaves. Sensors, 2021, 21, 2077.	3.8	7
4	Detection of Insect Damage in Green Coffee Beans Using VIS-NIR Hyperspectral Imaging. Remote Sensing, 2020, 12, 2348.	4.0	22
5	Weighted Background Suppression Target Detection Using Sparse Image Enhancement Technique for Newly Grown Tree Leaves. Remote Sensing, 2019, 11, 1081.	4.0	8
6	Detecting newly grown tree leaves from unmanned-aerial-vehicle images using hyperspectral target detection techniques. ISPRS Journal of Photogrammetry and Remote Sensing, 2018, 142, 174-189.	11.1	50
7	Adaptive Window-Based Constrained Energy Minimization for Detection of Newly Grown Tree Leaves. Remote Sensing, 2018, 10, 96.	4.0	21
8	Progressive Sample Processing of Band Selection for Hyperspectral Image Transmission. Remote Sensing, 2018, 10, 367.	4.0	10
9	Indoor Post-Earthquake Corridor Obstacle Assessment System. , 2016, , .		2
10	Sequential band selection method based on group orthogonal matching pursuit. , 2016, , .		3
11	Pesticide residue detection by hyperspectral imaging sensors. , 2015, , .		2
12	Fully abundance-constrained endmember finding for hyperspectral images. , 2015, , .		0
13	Progressive endmember finding by fully constrained least squares method. , 2015, , .		2
14	Anomaly Detection Using Causal Sliding Windows. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2015, 8, 3260-3270.	4.9	35
15	Progressive Band Processing of Constrained Energy Minimization for Subpixel Detection. IEEE Transactions on Geoscience and Remote Sensing, 2015, 53, 1626-1637.	6.3	20
16	Real-time causal processing of anomaly detection for hyperspectral imagery. IEEE Transactions on Aerospace and Electronic Systems, 2014, 50, 1511-1534.	4.7	52
17	Low-rank decomposition-based anomaly detection. Proceedings of SPIE, 2013, , .	0.8	33
18	PPI-SVM-Iterative FLDA Approach to Unsupervised Multispectral Image Classification. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2013, 6, 1834-1842.	4.9	14