

# 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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18  
docs citations

18  
times ranked

276  
citing authors

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