

# Hans Garcia

## List of Publications by Year in descending order

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19  
papers

86  
citations

1937685

4  
h-index

1872680

6  
g-index

19  
all docs

19  
docs citations

19  
times ranked

31  
citing authors

#	ARTICLE	IF	CITATIONS
1	C-3SPCD: coded aperture similarity constrained design for spatio-spectral classification of single-pixel measurements. Applied Optics, 2022, 61, E21.	1.8	4
2	Deep Learning-Based Object Classification for Spectral Images. Communications in Computer and Information Science, 2021, , 147-159.	0.5	1
3	Compressed-domain Classification Algorithm for Spectral Imaging Based on Designed Single-Pixel Camera Codification. , 2021, , .		0
4	Correction of Designed Compressive Spectral Imaging Measurements Using a Deep Learning-Based Method. , 2021, , .		0
5	Super-Resolution in Compressive Coded Imaging Systems via $l_2 - l_1$ Minimization Under a Deep Learning Approach. , 2020, , .		1
6	Optimized Sensing Matrix for Single Pixel Multi-Resolution Compressive Spectral Imaging. IEEE Transactions on Image Processing, 2020, 29, 4243-4253.	9.8	12
7	Object Classification Using Spectral Images and Deep Learning. , 2020, , .		2
8	Impact of Multi-resolution reconstruction on Computed Tomography. , 2019, , .		0
9	Low-Cost Optical architecture Based on RGB and Single Pixel Measurements Aiming to UAV Applications. , 2019, , .		0
10	Multi-resolution Reconstruction Algorithm for Phase Retrieval in X-ray Crystallography. , 2019, , .		0
11	Target Identification from Coded Diffraction Patterns via Template Matching. , 2019, , .		2
12	Acquisition System Based in a Low-Cost Optical Architecture with Single Pixel Measurements and RGB Side Information for UAV Imagery. Communications in Computer and Information Science, 2019, , 155-167.	0.5	0
13	Coded aperture design for solving the phase retrieval problem in X-ray crystallography. Journal of Computational and Applied Mathematics, 2018, 338, 111-128.	2.0	11
14	Multi-Resolution Coded Apertures Based on Side Information for Single Pixel Spectral Reconstruction. , 2018, , .		7
15	Single Pixel Spectral Image Fusion with Side Information from a Grayscale Sensor. , 2018, , .		7
16	Multi-Resolution Compressive Spectral Imaging Reconstruction From Single Pixel Measurements. IEEE Transactions on Image Processing, 2018, 27, 6174-6184.	9.8	30
17	Spectral Image Fusion for Increasing the Spatio-Spectral Resolution Through Side Information. Communications in Computer and Information Science, 2018, , 165-176.	0.5	3
18	Multi-resolution reconstruction algorithm for compressive single pixel spectral imaging. , 2017, , .		5

#	ARTICLE	IF	CITATIONS
19	Multiresolution spectral imaging by combining different sampling strategies in a compressive imager, MR-CASSI. , 2016, , .		1