JosÃ© Gil Marichal-HernÃ¡ndez

List of Publications by Year
in descending order

16	59	1937685 4	1720034 7
papers	citations	h-index	g-index

16	16	16	54
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Monocular Real Time Full Resolution Depth Estimation Arrangement with a Tunable Lens. Applied Sciences (Switzerland), 2022, 12, 3141.	2.5	2
2	Inverse Multiscale Discrete Radon Transform by Filtered Backprojection. Applied Sciences (Switzerland), 2021, 11, 22.	2.5	3
3	Central and Periodic Multi-Scale Discrete Radon Transforms. Applied Sciences (Switzerland), 2021, 11, 10606.	2.5	0
4	Three-dimensional multiscale discrete Radon and John transforms. Optical Engineering, 2020, 59, .	1.0	2
5	Simultaneous computation of discrete Radon transform quadrants for its efficient implementation on real time systems. , 2019, , .		0
6	Focus measurement in 3D focal stack using direct and inverse discrete radon transform. Proceedings of SPIE, 2017, , .	0.8	2
7	Lightfield super-resolution through turbulence. , 2015, , .		0
8	Refocusing from a plenoptic camera within seconds on a mobile phone. Proceedings of SPIE, 2014, , .	0.8	0
9	Fast approximate 4-D/3-D discrete radon transform for lightfield refocusing. Journal of Electronic Imaging, 2012, 21, 023026.	0.9	10
10	Static telescope aberration measurement using lucky imaging techniques. Experimental Astronomy, 2012, 34, 1-11.	3.7	1
11	Fast approximate 4D:3D discrete Radon transform, from light field to focal stack with O(N⁴) sums. Proceedings of SPIE, 2011, , .	0.8	2
12	Real time automatic detection of Orcinus orca vocalizations in a controlled environment. Applied Acoustics, 2010, 71, 771-776.	3.3	4
13	Modal Fourier wavefront reconstruction using graphics processing units. Journal of Electronic Imaging, 2007, 16, 023005.	0.9	8
14	Modal Fourier wavefront reconstruction on graphics processing units. , 2006, 6272, 368.		5
15	Atmospheric wavefront phase recovery by use of specialized hardware: graphical processing units and field-programmable gate arrays. Applied Optics, 2005, 44, 7587.	2.1	16
16	Wavefront phase recovery using graphic processing units (GPUs). , 2004, , .		4