

# Guangmang Cui

## List of Publications by Year in descending order

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papers

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1684188

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794594

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docs citations

29  
times ranked

261  
citing authors

#	ARTICLE	IF	CITATIONS
1	Detail preserved fusion of visible and infrared images using regional saliency extraction and multi-scale image decomposition. Optics Communications, 2015, 341, 199-209.	2.1	249
2	Fusion of visible and infrared images using global entropy and gradient constrained regularization. Infrared Physics and Technology, 2017, 81, 201-209.	2.9	74
3	The optimal code searching method with an improved criterion of coded exposure for remote sensing image restoration. Optics Communications, 2015, 338, 540-550.	2.1	11
4	Stripe nonuniformity correction for infrared imaging system based on single image optimization. Infrared Physics and Technology, 2018, 91, 250-262.	2.9	8
5	A modified Richardson-Lucy algorithm for single image with adaptive reference maps. Optics and Laser Technology, 2014, 58, 100-109.	4.6	7
6	A Deep Motion Deblurring Network Using Channel Adaptive Residual Module. IEEE Access, 2021, 9, 65638-65649.	4.2	5
7	No-reference image noise estimation based on noise level accumulation. Optical Review, 2016, 23, 208-219.	2.0	4
8	Infrared Enhancement for Water Surface Imaging Based on Theory of Radiative Transfer and Edge Weight Analysis. IEEE Access, 2019, 7, 175051-175061.	4.2	3
9	An efficient Fourier ptychographic microscopy method based on optimized pattern of LED angle illumination. Micron, 2020, 138, 102920.	2.2	3
10	Multi-frame motion deblurring using coded exposure imaging with complementary fluttering sequences. Optics and Laser Technology, 2020, 126, 106119.	4.6	3
11	Fast image restoration method based on coded exposure and vibration detection. Optical Engineering, 2015, 54, 103107.	1.0	2
12	High quality image-pair-based deblurring method using edge mask and improved residual deconvolution. Optical Review, 2017, 24, 128-138.	2.0	2
13	Fine-time measurement circuit based on 180° phase-shifted clock sampling in time-to-digital converters. Review of Scientific Instruments, 2019, 90, 076101.	1.3	2
14	Design of parallel-connected polymer tandem solar cells using efficient low bandgap PTB7-Th:PC71BM blend. Applied Physics A: Materials Science and Processing, 2019, 125, 1.	2.3	2
15	Dimensionality Reduction Method for 3D-Handwritten Characters Based on Oriented Bounding Boxes. IEEE Access, 2020, 8, 5999-6019.	4.2	2
16	Infrared and visible-image fusion using multiscale visual saliency extraction based on spatial weight matrix. Journal of Electronic Imaging, 2021, 30, .	0.9	2
17	Infrared imaging enhancement through local window-based saliency extraction with spatial weight. IET Image Processing, 2021, 15, 2910-2925.	2.5	2
18	Scatter imaging with super-memory effect based on adaptive $\hat{l}^2$ -parameter hybrid input-output algorithm-assisted estimation of point spread function. Journal of Optics (United Kingdom), 2022, 24, 105603.	2.2	2

#	ARTICLE	IF	CITATIONS
19	Image restoration for large-motion blurred lunar remote sensing image. Proceedings of SPIE, 2017, , .	0.8	1
20	Microscopic imaging quality improvement through LO gradient constraint model based on multi-fields of view analysis. Micron, 2019, 124, 102709.	2.2	1
21	An effective coded exposure photography framework using optimal fluttering pattern generation. Optics and Lasers in Engineering, 2021, 139, 106489.	3.8	1
22	Imaging through scattering layers by exploiting the sum of gradient amplitude guided phase retrieval. Optics Communications, 2022, 514, 128134.	2.1	1
23	Remote sensing image uneven haze removal based on correction of saturation map. Journal of Electronic Imaging, 2021, 30, .	0.9	1
24	Local Saliency Extraction for Fusion of Visible and Infrared Images. Communications in Computer and Information Science, 2017, , 210-221.	0.5	0
25	Tetranuclear iron carbonyl complexes with a central tin atom: relationship to iron carbonyl carbides. New Journal of Chemistry, 2018, 42, 10898-10905.	2.8	0
26	A motion deblurring method with long/short exposure image pairs. , 2018, , .		0
27	Microscopic imaging improvement combining gradient constraint model and multi-fields of view analysis. , 2018, , .		0
28	Glass bottle cap gap width detection combined with transmission lighting system design based on machine vision. , 2019, , .		0
29	High Spectral Resolution Imaging Based on Dual-Camera System With Filter Wheel. IEEE Access, 2022, 10, 40119-40129.	4.2	0