Gonzalo R Arce

List of Publications by Year
in descending order

226	4,813	101384	118652
papers	citations	36 h-index	62 g-index

230	230	230	2131
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Compressive Coded Aperture Spectral Imaging: An Introduction. IEEE Signal Processing Magazine, 2014, 31, 105-115.	4.6	471
2	Ultra-Wideband Compressed Sensing: Channel Estimation. IEEE Journal on Selected Topics in Signal Processing, 2007, 1, 383-395.	7.3	235
3	Halftone Visual Cryptography Via Error Diffusion. IEEE Transactions on Information Forensics and Security, 2009, 4, 383-396.	4.5	221
4	Colored Coded Aperture Design by Concentration of Measure in Compressive Spectral Imaging. IEEE Transactions on Image Processing, 2014, 23, 1896-1908.	6.0	159
5	Variable Density Compressed Image Sampling. IEEE Transactions on Image Processing, 2010, 19, 264-270.	6.0	145
6	Development of a digital-micromirror-device-based multishot snapshot spectral imaging system. Optics Letters, 2011, 36, 2692.	1.7	129
7	Higher-order computational model for coded aperture spectral imaging. Applied Optics, 2013, 52, D12.	0.9	110
8	Code aperture optimization for spectrally agile compressive imaging. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2011, 28, 2400.	0.8	104
9	Snapshot colored compressive spectral imager. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2015, 32, 1754.	0.8	88
10	Pixel-based simultaneous source and mask optimization for resolution enhancement in optical lithography. Optics Express, 2009, 17, 5783.	1.7	86
11	Color Extended Visual Cryptography Using Error Diffusion. IEEE Transactions on Image Processing, 2011, 20, 132-145.	6.0	86
12	Rank Minimization Code Aperture Design for Spectrally Selective Compressive Imaging. IEEE Transactions on Image Processing, 2013, 22, 941-954.	6.0	84
13	QR Images: Optimized Image Embedding in QR Codes. IEEE Transactions on Image Processing, 2014, 23, 2842-2853.	6.0	75
14	A Maximum Likelihood Approach to Least Absolute Deviation Regression. Eurasip Journal on Advances in Signal Processing, 2004, 2004, 1.	1.0	71
15	Pixelated source and mask optimization for immersion lithography. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2013, 30, 112.	0.8	70
16	Spatiotemporal blue noise coded aperture design for multi-shot compressive spectral imaging. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2016, 33, 2312.	0.8	70
17	Modern Digital Halftoning. , 0, , .		70
18	Compressive Hyperspectral Imaging via Approximate Message Passing. IEEE Journal on Selected Topics in Signal Processing, 2016, 10, 389-401.	7.3	67

#	Article	IF	Citations
19	Generalized inverse lithography methods for phase-shifting mask design. Optics Express, 2007, 15, 15066.	1.7	66
20	DMD-based implementation of patterned optical filter arrays for compressive spectral imaging. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2015, 32, 80.	0.8	65
21	Pixel-based OPC optimization based on conjugate gradients. Optics Express, 2011, 19, 2165.	1.7	63
22	Statistically-Efficient Filtering in Impulsive Environments: Weighted Myriad Filters. Eurasip Journal on Advances in Signal Processing, 2002, 2002, 1.	1.0	59
23	Binary mask optimization for inverse lithography with partially coherent illumination. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2008, 25, 2960.	0.8	53
24	Fast lapped block reconstructions in compressive spectral imaging. Applied Optics, 2013, 52, D32.	0.9	53
25	Experimental demonstration of an Optical-Sectioning Compressive Sensing Microscope (CSM). Optics Express, 2010, 18, 24565.	1.7	50
26	Compressive Sensing Signal Reconstruction by Weighted Median Regression Estimates. IEEE Transactions on Signal Processing, 2011, 59, 2585-2601.	3.2	49
27	Weighted median image sharpeners for the World Wide Web. IEEE Transactions on Image Processing, 2002, 11, 717-727.	6.0	46
28	Coded aperture optimization in compressive X-ray tomography: a gradient descent approach. Optics Express, 2017, 25, 23833.	1.7	44
29	Compressive spectral polarization imaging by a pixelized polarizer and colored patterned detector. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2015, 32, 2178.	0.8	43
30	Robust compressive sensing of sparse signals: a review. Eurasip Journal on Advances in Signal Processing, 2016, 2016, .	1.0	43
31	Digital halftoning by means of green-noise masks. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 1999, 16, 1575.	0.8	41
32	PSM design for inverse lithography with partially coherent illumination. Optics Express, 2008, 16, 20126.	1.7	41
33	Music Genre Classification via Joint Sparse Low-Rank Representation of Audio Features. IEEE/ACM Transactions on Audio Speech and Language Processing, 2014, 22, 1905-1917.	4.0	41
34	Coded aperture optimization for compressive X-ray tomosynthesis. Optics Express, 2015, 23, 32788.	1.7	40
35	Multi-spectral compressive snapshot imaging using RGB image sensors. Optics Express, 2015, 23, 12207.	1.7	40
36	Modern Digital Halftoning, Second Edition. Signal Processing and Communications, 2008, , .	0.2	40

#	Article	IF	Citations
37	Coded aperture design in compressive spectral imaging based on side information. Applied Optics, 2017, 56, 6332.	0.9	38
38	A Doubly Orthogonal Matching Pursuit Algorithm for Sparse Predistortion of Power Amplifiers. IEEE Microwave and Wireless Components Letters, 2018, 28, 726-728.	2.0	37
39	Channeled compressive imaging spectropolarimeter. Optics Express, 2019, 27, 2197.	1.7	36
40	Fast optical proximity correction method based on nonlinear compressive sensing. Optics Express, 2018, 26, 14479.	1.7	35
41	Compressed Detection for Pilot Assisted Ultra-Wideband Impulse Radio. , 2007, , .		33
42	Compressive spectral imaging system based on liquid crystal tunable filter. Optics Express, 2018, 26, 25226.	1.7	33
43	Lithographic source optimization based on adaptive projection compressive sensing. Optics Express, 2017, 25, 7131.	1.7	31
44	Compressed detection for ultra-wideband impulse radio. , 2007, , .		30
45	Inverse lithography source optimization via compressive sensing. Optics Express, 2014, 22, 14180.	1.7	30
46	Coded aperture design in mismatched compressive spectral imaging. Applied Optics, 2015, 54, 9875.	2.1	29
47	Elimination of interference terms of the discrete Wigner distribution using nonlinear filtering. IEEE Transactions on Signal Processing, 2000, 48, 2321-2331.	3.2	28
48	Multiple snapshot colored compressive spectral imager. Optical Engineering, 2016, 56, 041309.	0.5	27
49	Multiresolution Information Mining for Pavement Crack Image Analysis. Journal of Computing in Civil Engineering, 2012, 26, 741-749.	2.5	26
50	Restricted Isometry Property in coded aperture compressive spectral imaging. , 2012, , .		25
51	Hybrid source mask optimization for robust immersion lithography. Applied Optics, 2013, 52, 4200.	0.9	25
52	Deep4SNet: deep learning for fake speech classification. Expert Systems With Applications, 2021, 184, 115465.	4.4	25
53	Fast and Accurate Computation of the Myriad Filter via Branch-and-Bound Search. IEEE Transactions on Signal Processing, 2008, 56, 3340-3346.	3.2	24
54	Spectral Image Classification From Optimal Coded-Aperture Compressive Measurements. IEEE Transactions on Geoscience and Remote Sensing, 2014, 52, 3299-3309.	2.7	24

#	Article	IF	Citations
55	3D compressive spectral integral imaging. Optics Express, 2016, 24, 24859.	1.7	22
56	Compressive spectral testbed imaging system based on thin-film color-patterned filter arrays. Applied Optics, 2016, 55, 9584.	2.1	22
57	Compressed UWB signal detection with narrowband interference mitigation. , 2008, , .		21
58	Blue-Noise Sampling on Graphs. IEEE Transactions on Signal and Information Processing Over Networks, 2019, 5, 554-569.	1.6	21
59	Snapshot Compressive ToF+Spectral Imaging via Optimized Color-Coded Apertures. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2020, 42, 2346-2360.	9.7	21
60	Model-driven convolution neural network for inverse lithography. Optics Express, 2018, 26, 32565.	1.7	21
61	Subspace compressive detection for sparse signals. Proceedings of the IEEE International Conference on Acoustics, Speech, and Signal Processing, 2008, , .	1.8	20
62	Vectorial mask optimization methods for robust optical lithography. Journal of Micro/ Nanolithography, MEMS, and MOEMS, 2012, 11, 043008.	1.0	20
63	Halftone Visual Cryptography Through Error Diffusion. , 2006, , .		19
64	Block-based mask optimization for optical lithography. Applied Optics, 2013, 52, 3351.	0.9	18
65	Colored Coded Aperture Design in Compressive Spectral Imaging via Minimum Coherence. IEEE Transactions on Computational Imaging, 2017, 3, 202-216.	2.6	18
66	Reconstruction of Sparse Signals From <formula formulatype="inline"> <tex Notation="TeX">ell_1</tex></formula> Dimensionality-Reduced Cauchy Random Projections. IEEE Transactions on Signal Processing, 2012, 60, 5725-5737.	3.2	17
67	Spatial super-resolution in code aperture spectral imaging. Proceedings of SPIE, 2012, , .	0.8	17
68	Gradient-based joint source polarization mask optimization for optical lithography. Journal of Micro/ Nanolithography, MEMS, and MOEMS, 2015, 14, 023504.	1.0	16
69	Single Aperture Spectral+ToF Compressive Camera: Toward Hyperspectral+Depth Imagery. IEEE Journal on Selected Topics in Signal Processing, 2017, 11, 992-1003.	7.3	16
70	Optimization of lithography source illumination arrays using diffraction subspaces. Optics Express, 2018, 26, 3738.	1.7	16
71	Image transmission over the underwater acoustic channel via compressive sensing. , 2011, , .		15
72	Statistical approach for congestion control in gateway routers. Computer Networks, 2011, 55, 572-582.	3.2	15

#	Article	IF	Citations
73	Compressive imaging via a rotating coded aperture. Applied Optics, 2017, 56, B142.	2.1	14
74	Gradient-Based Source Mask Optimization for Extreme Ultraviolet Lithography. IEEE Transactions on Computational Imaging, 2019, 5, 120-135.	2.6	14
75	Fast optimization of coded apertures in X-ray computed tomography. Optics Express, 2018, 26, 24461.	1.7	14
76	Spectrally Selective Compressive Imaging by Matrix System Analysis. , 2012, , .		13
77	Center-weighted median graph filters. , 2016, , .		13
78	LED-based compressive spectral-temporal imaging. Optics Express, 2021, 29, 10698.	1.7	13
79	Shifting colored coded aperture design for spectral imaging. Applied Optics, 2019, 58, B28.	0.9	13
80	Compressive spectral X-ray tomography based on spatial and spectral coded illumination. Optics Express, 2019, 27, 10745.	1.7	13
81	Fast inverse lithography based on dual-channel model-driven deep learning. Optics Express, 2020, 28, 20404.	1.7	13
82	Linear Classifier with Reject Option for the Detection of Vocal Fold Paralysis and Vocal Fold Edema. Eurasip Journal on Advances in Signal Processing, 2009, 2009, .	1.0	12
83	A fast weighted median algorithm based on Quickselect. , 2010, , .		12
84	Statistical Detection of Congestion in Routers. IEEE Transactions on Signal Processing, 2010, 58, 957-968.	3.2	12
85	Analog Joint Source Channel Coding for Wireless Optical Communications and Image Transmission. Journal of Lightwave Technology, 2014, 32, 1654-1662.	2.7	12
86	Spectral Super-Resolution in Colored Coded Aperture Spectral Imaging. IEEE Transactions on Computational Imaging, 2016, 2, 440-455.	2.6	12
87	Design of weighted median graph filters. , 2017, , .		12
88	Coded Aperture Optimization in X-Ray Tomography via Sparse Principal Component Analysis. IEEE Transactions on Computational Imaging, 2020, 6, 73-86.	2.6	12
89	Super-resolution compressive spectral imaging via two-tone adaptive coding. Photonics Research, 2020, 8, 395.	3.4	12
90	Binary mask optimization for forward lithography based on the boundary layer model in coherent systems. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2009, 26, 1687.	0.8	11

#	Article	IF	Citations
91	Optimal 3D phase-shifting masks in partially coherent illumination. Applied Optics, 2011, 50, 5567.	2.1	11
92	Compressive spectral imaging with colored-patterned detectors. , 2014, , .		11
93	Spectral Image Unmixing From Optimal Coded-Aperture Compressive Measurements. IEEE Transactions on Geoscience and Remote Sensing, 2015, 53, 405-415.	2.7	11
94	Compressive spectral imaging approach using adaptive coded apertures. Applied Optics, 2020, 59, 1924.	0.9	11
95	Source and coded aperture joint optimization for compressive X-ray tomosynthesis. Optics Express, 2019, 27, 6640.	1.7	11
96	Compressed Sensing for Ultrawideband Impulse Radio. , 2007, , .		10
97	Covert channel detection in VoIP streams. , 2011, , .		10
98	Spectral Zooming and Resolution Limits of Spatial Spectral Compressive Spectral Imagers. IEEE Transactions on Computational Imaging, 2019, 5, 165-179.	2.6	10
99	Compressive Spectral Imaging Based on Hexagonal Blue Noise Coded Apertures. IEEE Transactions on Computational Imaging, 2020, 6, 749-763.	2.6	10
100	Compressive Spectral Imaging via Polar Coded Aperture. IEEE Transactions on Computational Imaging, 2017, 3, 408-420.	2.6	9
101	Optimized Spectrum Permutation for the Multidimensional Sparse FFT. IEEE Transactions on Signal Processing, 2017, 65, 162-172.	3.2	9
102	Information theoretical approaches in computational lithography. Optics Express, 2018, 26, 16736.	1.7	9
103	Color extended visual cryptography using error diffusion. , 2009, , .		8
104	Spread spectrum phase modulation for coherent X-ray diffraction imaging. Optics Express, 2015, 23, 25034.	1.7	8
105	Gradient-based inverse extreme ultraviolet lithography. Applied Optics, 2015, 54, 7284.	2.1	8
106	Code Aperture Agile Spectral Imaging (CAASI). , 2011, , .		8
107	Model-informed deep learning for computational lithography with partially coherent illumination. Optics Express, 2020, 28, 39475.	1.7	8
108	Compressive spectral imaging based on colored coded apertures. , 2014, , .		7

#	Article	IF	Citations
109	Coded aperture design in compressive X-ray tomography. , 2014, , .		7
110	Coded Aperture Optimization in Spatial Spectral Compressive Spectral Imagers. IEEE Transactions on Computational Imaging, 2020, 6, 764-777.	2.6	7
111	Compressive hyperspectral image classification using a 3D coded convolutional neural network. Optics Express, 2021, 29, 32875.	1.7	7
112	QRnet: fast learning-based QR code image embedding. Multimedia Tools and Applications, 2022, 81, 10653-10672.	2.6	7
113	Multichannel image compression by bijection mappings onto zero-trees. IEEE Transactions on Image Processing, 2002, 11, 223-233.	6.0	6
114	Colored Random Projections for Compressed Sensing. , 2007, , .		6
115	Ensemble Discriminant Sparse Projections Applied to Music Genre Classification. , 2010, , .		6
116	An overview of robust compressive sensing of sparse signals in impulsive noise. , 2015, , .		6
117	Informational Lithography Approach Based on Source and Mask Optimization. IEEE Transactions on Computational Imaging, 2021, 7, 32-42.	2.6	6
118	Nonlinear compressive inverse lithography aided by low-rank regularization. Optics Express, 2019, 27, 29992.	1.7	6
119	Blue-Noise Sampling of Graph and Multigraph Signals: Dithering on Non-Euclidean Domains. IEEE Signal Processing Magazine, 2020, 37, 31-42.	4.6	6
120	Dual-ARM VIS/NIR compressive spectral imager. , 2015, , .		5
121	Compressive spectral imaging using multiple snapshot colored-mosaic detector measurements. , 2016, , .		5
122	Information theoretical aspects in coherent optical lithography systems. Optics Express, 2017, 25, 29043.	1.7	5
123	Fast Pixelated Lithographic Source and Mask Joint Optimization Based on Compressive Sensing. IEEE Transactions on Computational Imaging, 2020, 6, 981-992.	2.6	5
124	Nonlinear reconstruction of coded spectral X-ray CT based on material decomposition. Optics Express, 2021, 29, 19319.	1.7	5
125	Spectral Aperture Code Design for Multi-Shot Compressive Spectral Imaging. , 2010, , .		5
126	Block-based spectral image reconstruction for compressive spectral imaging using smoothness on graphs. Optics Express, 2022, 30, 7187.	1.7	5

#	Article	IF	Citations
127	Reconstruction of sparse signals from ℓ<inf>1</inf> dimensionality-reduced Cauchy random-projections. , 2010, , .		4
128	Halftone visual cryptography by iterative halftoning. , 2010, , .		4
129	Video anomaly recovery from compressed spectral imaging. , 2011, , .		4
130	Generalized Restricted Isometry Property for alpha-stable random projections. , 2011, , .		4
131	Development of a DMD-based compressive sampling hyperspectral imaging (CS-HSI) system. Proceedings of SPIE, 2011, , .	0.8	4
132	Snapshot spectral imaging via compressive random convolution. , 2011, , .		4
133	Optimal Pivot Selection in Fast Weighted Median Search. IEEE Transactions on Signal Processing, 2012, 60, 4108-4117.	3.2	4
134	Coded Aperture Design for Compressive X-ray Tomosynthesis. , 2015, , .		4
135	Implementation strategies of the seismic Full Waveform Inversion. , 2017, , .		4
136	High-dimensional optimization of color coded apertures for compressive spectral cameras. , 2017, , .		4
137	Fast lithographic source optimization using a batch-processing sequential least square estimator. Applied Optics, 2017, 56, 5903.	0.9	4
138	Antenna Radiation Pattern Compressive Sensing. , 2018, , .		4
139	A Reduced-Complexity Doubly Orthogonal Matching Pursuit Algorithm for Power Amplifier Sparse Behavioral Modeling. , 2019, , .		4
140	Conveyor X-Ray Tomosynthesis Imaging With Optimized Structured Sequential Illumination. IEEE Photonics Journal, 2020, 12, 1-17.	1.0	4
141	Antenna Pattern Measurement with Compressive Phase Retrieval. , 2020, , .		4
142	StaticCodeCT: single coded aperture tensorial X-ray CT. Optics Express, 2021, 29, 20558.	1.7	4
143	Snapshot compressive spectral imaging based on adaptive coded apertures. , 2018, , .		4
144	Non-linear coding for improved performance in compressive sensing. , 2009, , .		3

#	Article	IF	Citations
145	Study of an NIR digital micromirror device-based snapshot spectral imaging system. , 2012, , .		3
146	On super-resolved coded aperture spectral imaging. Proceedings of SPIE, 2013, , .	0.8	3
147	Block-based reconstructions for compressive spectral imaging. Proceedings of SPIE, 2013, , .	0.8	3
148	Compressive spectral integral imaging using a microlens array. , 2016, , .		3
149	Sampling of Graph Signals with Blue Noise Dithering. , 2019, , .		3
150	Channel Coding Optimization for Visually Pleasant QR Codes : Invited Presentation. , 2019, , .		3
151	Fast optical proximity correction based on graph convolution network. , 2021, , .		3
152	Compressive sensing signal reconstruction by weighted median regression estimates. , 2010, , .		2
153	Block-based variable density compressed image sampling. , 2012, , .		2
154	Hyperspectral pixel classification from coded-aperture compressive imaging. Proceedings of SPIE, 2012, , .	0.8	2
155	Colored coded apertures optimization in compressive spectral imaging by restricted isometry property. , 2014, , .		2
156	Experimental Demonstration of a Colored Coded Aperture-based Compressive Spectral Imaging System. , 2014, , .		2
157	Synthetic coded apertures in compressive spectral imaging. , 2014, , .		2
158	Compressive spectral polarization imaging. Proceedings of SPIE, 2014, , .	0.8	2
159	Colored coded aperture compressive spectral imaging: Design and experimentation. , 2015, , .		2
160	RGB detectors on compressive snapshot multi-spectral imagers. , 2015, , .		2
161	Coded aperture compressive X-ray spectral CT. , 2017, , .		2
162	Correlation matrix estimation of ordered data using sketches. , 2017, , .		2

#	Article	IF	Citations
163	Spatio-spectral Modulation Using a Binary Photomask for Compressive Chromotomography. , 2019, , .		2
164	K-edge Coded Apertures for Compressive Spectral X-ray Tomography. , 2019, , .		2
165	Optimization of the structured illumination series for compressive x-ray tomosynthesis. Applied Optics, 2021, 60, 2686.	0.9	2
166	Blue Noise Sampling and Nystrom Extension for Graph Based Change Detection. , 2021, , .		2
167	Experimental demonstration and optimization of X-ray StaticCodeCT. Applied Optics, 2021, 60, 9543.	0.9	2
168	Data Forensics Constructions from Cryptographic Hashing and Coding. Lecture Notes in Computer Science, 2012, , 494-509.	1.0	2
169	Snapshot Compressive Spectral+Depth Imaging with Color-Coded Apertures. , 2018, , .		2
170	Spectral zooming in SSCSI Compressive Spectral Imagers. , 2018, , .		2
171	Spatial Super-resolution reconstruction via SSCSI Compressive Spectral Imagers. , 2018, , .		2
172	Single-snapshot X-ray imaging for nonlinear compressive tomosynthesis. Optics Express, 2020, 28, 29390.	1.7	2
173	K-edge coded aperture optimization for uniform illumination in compressive spectral X-ray tomosynthesis. Optics Express, 2021, 29, 41048.	1.7	2
174	Static coded illumination strategies for low-dose x-ray material decomposition. Applied Optics, 2022, 61, C107.	0.9	2
175	Mixed-signal equalization architectures for printed circuit board channels. , 2002, , .		1
176	Statistical Approach to Neighborhood Congestion Control in Ad Hoc Wireless Networks. , 2007, , .		1
177	Development of a digital micromirror device (DMD)-based Snapshot Spectral Imaging (DMD-SSI) system. , 2011, , .		1
178	Coded-Aperture Compressive Spectral Image Classification. , 2012, , .		1
179	Coded aperture compressive spectral imaging. , 2013, , .		1
180	Spatio-spectral uniform multi-frame coded apertures for compressive spectral imaging. , 2015, , .		1

#	Article	IF	Citations
181	Compressive spectral polarization imaging with coded micropolarizer array. , 2015, , .		1
182	Side information in coded aperture compressive spectral imaging. , 2017, , .		1
183	Compressive Position and Attitude Estimation Using Ground-Based Beacon. Journal of Guidance, Control, and Dynamics, 2017, 40, 2630-2645.	1.6	1
184	Spatial coding in sonar imaging. Electronics Letters, 2017, 53, 1222-1224.	0.5	1
185	Optimal Sampling Sets in Cographs. , 2019, , .		1
186	Blue-Noise Sampling of Signals on Graphs. , 2019, , .		1
187	On Theoretical Optimization of the Sensing Matrix for Sparse-Dictionary Signal Recovery. , 2019, , .		1
188	Lithography layout classification based on graph convolution network. , 2021, , .		1
189	Blue noise coding for a coherent x-ray diffraction imaging system. Applied Optics, 2021, 60, 2751.	0.9	1
190	Efficient informatics-based source and mask optimization for optical lithography. Applied Optics, 2021, 60, 8307.	0.9	1
191	The first result of Compressed Channeled Imaging Spectropolarimeter. , 2018, , .		1
192	Optimization of coded aperture in compressive x-ray tomography. , 2018, , .		1
193	Optimal Coding Patterns in Spatial Spectral Compressive Spectral Imagers. , 2019, , .		1
194	Per-pixel calibration using CALTag and dense 3D point cloud reconstruction. , 2019, , .		1
195	Compressive x-ray material decomposition using structured illumination. , 2019, , .		1
196	Compressive Spectral Imaging using Smoothness on Graphs. , 2021, , .		1
197	Binary mask optimization for forward lithography based on boundary layer model in coherent systems. , 2010, , .		0
198	Anomaly recovery from compressed spectral imagery via low-rank matrix minimization. Proceedings of SPIE, 2011, , .	0.8	0

#	Article	IF	Citations
199	Code aperture optimization for spectrally agile compressive imaging. Proceedings of SPIE, 2011, , .	0.8	0
200	Block-based compressed sampling with non-linear coding for image transmission. , 2012, , .		0
201	Optimization of pseudorandom coded apertures for compressive spectral imaging. Proceedings of SPIE, 2013, , .	0.8	0
202	Demonstration of a Higher-Order Discretization Model for Compressive Spectral Imaging. , 2013, , .		0
203	High precision discretization model for coded aperture-based compressive spectral imaging. , 2013, , .		0
204	Special Section Guest Editorial: Compressive Sensing for Imaging. Journal of Electronic Imaging, 2013, 22, 020901.	0.5	0
205	Spectral image unmixing from optimal coded-aperture compressive measurements. , 2014, , .		0
206	Embedded Transform Coding Based Lossless Compression in Compressive Spectral Imaging with Coded Aperture. , 2014, , .		0
207	Approximate message passing in coded aperture snapshot spectral imaging. , 2015, , .		0
208	Random projection-based dimensionality reduction method for hyperspectral target detection. , 2015, , .		0
209	Synthetic coded apertures in compressive spectral imaging: Experimental validation. , 2015, , .		0
210	Seismic full waveform inversion from compressive measurements. Proceedings of SPIE, 2015, , .	0.8	0
211	Multi-Resolution Reconstructions from Compressive Spectral Coded Projections. , 2018, , .		0
212	Optimization of a Moving Colored Coded Aperture in Compressive Spectral Imaging. , 2019, , .		0
213	Non-Linear 3d Reconstruction For Compressive X-Ray Tomosynthesis. , 2020, , .		0
214	Compressive X-ray tomosynthesis using model-driven deep learning. Optics Express, 2021, 29, 24576.	1.7	0
215	Multi-objective optimization for structured illumination in dynamic x-ray tomosynthesis. Applied Optics, 2021, 60, 6177.	0.9	0
216	Experimental Demonstration of an NIR Compressive Sensing Hyper-Spectral Imaging System. , 2012, , .		0

#	Article	IF	Citations
217	Spectral Super-Resolution in Colored Coded Aperture Spectral Imaging. , 2015, , .		0
218	Testbed Implementation of a Compressive Spectral Imaging System with Spatio Temporal Blue Noise Coded Apertures. , 2016, , .		0
219	Development of a Compressive Spectral Testbed based on Thin-film Color-patterned Filter Array. , 2016, , .		0
220	Optimal Colored Coded Apertures for Compressive Spectral Imaging Systems. , 2017, , .		0
221	Spectral+Depth Imaging with a Time-of-Flight Compressive Snapshot Camera. , 2017, , .		0
222	Light Field Modeling for Coded Aperture Systems. , 2017, , .		0
223	Compressive coded LED and coded aperture spectral video system. , 2018, , .		0
224	High frame-rate compressive spectral video system. , 2018, , .		0
225	Coded aperture optimization in X-ray tomosynthesis via sparse principal component analysis. , 2020, , .		0
226	X-ray Compton backscattering imaging via structured light. Optics Express, 2022, 30, 15211.	1.7	0