

Gonzalo R Arce

List of Publications by Year in descending order

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226
papers

4,813
citations

101384

36
h-index

118652

62
g-index

230
all docs

230
docs citations

230
times ranked

2131
citing authors

#	ARTICLE	IF	CITATIONS
1	Static coded illumination strategies for low-dose x-ray material decomposition. Applied Optics, 2022, 61, C107.	0.9	2
2	Block-based spectral image reconstruction for compressive spectral imaging using smoothness on graphs. Optics Express, 2022, 30, 7187.	1.7	5
3	QRnet: fast learning-based QR code image embedding. Multimedia Tools and Applications, 2022, 81, 10653-10672.	2.6	7
4	X-ray Compton backscattering imaging via structured light. Optics Express, 2022, 30, 15211.	1.7	0
5	Lithography layout classification based on graph convolution network. , 2021, , .		1
6	Fast optical proximity correction based on graph convolution network. , 2021, , .		3
7	Blue noise coding for a coherent x-ray diffraction imaging system. Applied Optics, 2021, 60, 2751.	0.9	1
8	LED-based compressive spectral-temporal imaging. Optics Express, 2021, 29, 10698.	1.7	13
9	Optimization of the structured illumination series for compressive x-ray tomosynthesis. Applied Optics, 2021, 60, 2686.	0.9	2
10	Nonlinear reconstruction of coded spectral X-ray CT based on material decomposition. Optics Express, 2021, 29, 19319.	1.7	5
11	StaticCodeCT: single coded aperture tensorial X-ray CT. Optics Express, 2021, 29, 20558.	1.7	4
12	Compressive X-ray tomosynthesis using model-driven deep learning. Optics Express, 2021, 29, 24576.	1.7	0
13	Multi-objective optimization for structured illumination in dynamic x-ray tomosynthesis. Applied Optics, 2021, 60, 6177.	0.9	0
14	Compressive hyperspectral image classification using a 3D coded convolutional neural network. Optics Express, 2021, 29, 32875.	1.7	7
15	Efficient informatics-based source and mask optimization for optical lithography. Applied Optics, 2021, 60, 8307.	0.9	1
16	Deep4SNet: deep learning for fake speech classification. Expert Systems With Applications, 2021, 184, 115465.	4.4	25
17	Informational Lithography Approach Based on Source and Mask Optimization. IEEE Transactions on Computational Imaging, 2021, 7, 32-42.	2.6	6
18	Blue Noise Sampling and Nystrom Extension for Graph Based Change Detection. , 2021, , .		2

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19	Experimental demonstration and optimization of X-ray StaticCodeCT. Applied Optics, 2021, 60, 9543.	0.9	2
20	K-edge coded aperture optimization for uniform illumination in compressive spectral X-ray tomosynthesis. Optics Express, 2021, 29, 41048.	1.7	2
21	Compressive Spectral Imaging using Smoothness on Graphs. , 2021, , .		1
22	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
23	Coded Aperture Optimization in X-Ray Tomography via Sparse Principal Component Analysis. IEEE Transactions on Computational Imaging, 2020, 6, 73-86.	2.6	12
24	Conveyor X-Ray Tomosynthesis Imaging With Optimized Structured Sequential Illumination. IEEE Photonics Journal, 2020, 12, 1-17.	1.0	4
25	Non-Linear 3d Reconstruction For Compressive X-Ray Tomosynthesis. , 2020, , .		0
26	Compressive Spectral Imaging Based on Hexagonal Blue Noise Coded Apertures. IEEE Transactions on Computational Imaging, 2020, 6, 749-763.	2.6	10
27	Coded Aperture Optimization in Spatial Spectral Compressive Spectral Imagers. IEEE Transactions on Computational Imaging, 2020, 6, 764-777.	2.6	7
28	Fast Pixelated Lithographic Source and Mask Joint Optimization Based on Compressive Sensing. IEEE Transactions on Computational Imaging, 2020, 6, 981-992.	2.6	5
29	Antenna Pattern Measurement with Compressive Phase Retrieval. , 2020, , .		4
30	Compressive spectral imaging approach using adaptive coded apertures. Applied Optics, 2020, 59, 1924.	0.9	11
31	Super-resolution compressive spectral imaging via two-tone adaptive coding. Photonics Research, 2020, 8, 395.	3.4	12
32	Fast inverse lithography based on dual-channel model-driven deep learning. Optics Express, 2020, 28, 20404.	1.7	13
33	Model-informed deep learning for computational lithography with partially coherent illumination. Optics Express, 2020, 28, 39475.	1.7	8
34	Coded aperture optimization in X-ray tomography via sparse principal component analysis. , 2020, , .		0
35	Single-snapshot X-ray imaging for nonlinear compressive tomography. Optics Express, 2020, 28, 29390.	1.7	2
36	Blue-Noise Sampling of Graph and Multigraph Signals: Dithering on Non-Euclidean Domains. IEEE Signal Processing Magazine, 2020, 37, 31-42.	4.6	6

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37	A Reduced-Complexity Doubly Orthogonal Matching Pursuit Algorithm for Power Amplifier Sparse Behavioral Modeling. , 2019, , .		4
38	Spatio-spectral Modulation Using a Binary Photomask for Compressive Chromotomography. , 2019, , .		2
39	Blue-Noise Sampling on Graphs. IEEE Transactions on Signal and Information Processing Over Networks, 2019, 5, 554-569.	1.6	21
40	Optimization of a Moving Colored Coded Aperture in Compressive Spectral Imaging. , 2019, , .		0
41	Optimal Sampling Sets in Cographs. , 2019, , .		1
42	Sampling of Graph Signals with Blue Noise Dithering. , 2019, , .		3
43	K-edge Coded Apertures for Compressive Spectral X-ray Tomography. , 2019, , .		2
44	Channel Coding Optimization for Visually Pleasant QR Codes : Invited Presentation. , 2019, , .		3
45	Blue-Noise Sampling of Signals on Graphs. , 2019, , .		1
46	On Theoretical Optimization of the Sensing Matrix for Sparse-Dictionary Signal Recovery. , 2019, , .		1
47	Gradient-Based Source Mask Optimization for Extreme Ultraviolet Lithography. IEEE Transactions on Computational Imaging, 2019, 5, 120-135.	2.6	14
48	Spectral Zooming and Resolution Limits of Spatial Spectral Compressive Spectral Imagers. IEEE Transactions on Computational Imaging, 2019, 5, 165-179.	2.6	10
49	Shifting colored coded aperture design for spectral imaging. Applied Optics, 2019, 58, B28.	0.9	13
50	Channeled compressive imaging spectropolarimeter. Optics Express, 2019, 27, 2197.	1.7	36
51	Source and coded aperture joint optimization for compressive X-ray tomosynthesis. Optics Express, 2019, 27, 6640.	1.7	11
52	Compressive spectral X-ray tomography based on spatial and spectral coded illumination. Optics Express, 2019, 27, 10745.	1.7	13
53	Nonlinear compressive inverse lithography aided by low-rank regularization. Optics Express, 2019, 27, 29992.	1.7	6
54	Optimal Coding Patterns in Spatial Spectral Compressive Spectral Imagers. , 2019, , .		1

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55	Per-pixel calibration using CALTag and dense 3D point cloud reconstruction. , 2019, , .		1
56	Compressive x-ray material decomposition using structured illumination. , 2019, , .		1
57	Antenna Radiation Pattern Compressive Sensing. , 2018, , .		4
58	Multi-Resolution Reconstructions from Compressive Spectral Coded Projections. , 2018, , .		0
59	Fast optical proximity correction method based on nonlinear compressive sensing. Optics Express, 2018, 26, 14479.	1.7	35
60	Information theoretical approaches in computational lithography. Optics Express, 2018, 26, 16736.	1.7	9
61	Optimization of lithography source illumination arrays using diffraction subspaces. Optics Express, 2018, 26, 3738.	1.7	16
62	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
63	The first result of Compressed Channeled Imaging Spectropolarimeter. , 2018, , .		1
64	Fast optimization of coded apertures in X-ray computed tomography. Optics Express, 2018, 26, 24461.	1.7	14
65	Compressive spectral imaging system based on liquid crystal tunable filter. Optics Express, 2018, 26, 25226.	1.7	33
66	Model-driven convolution neural network for inverse lithography. Optics Express, 2018, 26, 32565.	1.7	21
67	Snapshot Compressive Spectral+Depth Imaging with Color-Coded Apertures. , 2018, , .		2
68	Spectral zooming in SSCSI Compressive Spectral Imagers. , 2018, , .		2
69	Spatial Super-resolution reconstruction via SSCSI Compressive Spectral Imagers. , 2018, , .		2
70	Compressive coded LED and coded aperture spectral video system. , 2018, , .		0
71	Snapshot compressive spectral imaging based on adaptive coded apertures. , 2018, , .		4
72	High frame-rate compressive spectral video system. , 2018, , .		0

#	ARTICLE	IF	CITATIONS
73	Optimization of coded aperture in compressive x-ray tomography. , 2018, , .		1
74	Side information in coded aperture compressive spectral imaging. , 2017, , .		1
75	Coded aperture compressive X-ray spectral CT. , 2017, , .		2
76	Implementation strategies of the seismic Full Waveform Inversion. , 2017, , .		4
77	Compressive Position and Attitude Estimation Using Ground-Based Beacon. Journal of Guidance, Control, and Dynamics, 2017, 40, 2630-2645.	1.6	1
78	Compressive Spectral Imaging via Polar Coded Aperture. IEEE Transactions on Computational Imaging, 2017, 3, 408-420.	2.6	9
79	Optimized Spectrum Permutation for the Multidimensional Sparse FFT. IEEE Transactions on Signal Processing, 2017, 65, 162-172.	3.2	9
80	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
81	Design of weighted median graph filters. , 2017, , .		12
82	Correlation matrix estimation of ordered data using sketches. , 2017, , .		2
83	High-dimensional optimization of color coded apertures for compressive spectral cameras. , 2017, , .		4
84	Coded aperture design in compressive spectral imaging based on side information. Applied Optics, 2017, 56, 6332.	0.9	38
85	Coded aperture optimization in compressive X-ray tomography: a gradient descent approach. Optics Express, 2017, 25, 23833.	1.7	44
86	Information theoretical aspects in coherent optical lithography systems. Optics Express, 2017, 25, 29043.	1.7	5
87	Compressive imaging via a rotating coded aperture. Applied Optics, 2017, 56, B142.	2.1	14
88	Lithographic source optimization based on adaptive projection compressive sensing. Optics Express, 2017, 25, 7131.	1.7	31
89	Fast lithographic source optimization using a batch-processing sequential least square estimator. Applied Optics, 2017, 56, 5903.	0.9	4
90	Spatial coding in sonar imaging. Electronics Letters, 2017, 53, 1222-1224.	0.5	1

#	ARTICLE	IF	CITATIONS
91	Colored Coded Aperture Design in Compressive Spectral Imaging via Minimum Coherence. IEEE Transactions on Computational Imaging, 2017, 3, 202-216.	2.6	18
92	Optimal Colored Coded Apertures for Compressive Spectral Imaging Systems. , 2017, , .		0
93	Spectral+Depth Imaging with a Time-of-Flight Compressive Snapshot Camera. , 2017, , .		0
94	Light Field Modeling for Coded Aperture Systems. , 2017, , .		0
95	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
96	3D compressive spectral integral imaging. Optics Express, 2016, 24, 24859.	1.7	22
97	Compressive spectral imaging using multiple snapshot colored-mosaic detector measurements. , 2016, , .		5
98	Center-weighted median graph filters. , 2016, , .		13
99	Multiple snapshot colored compressive spectral imager. Optical Engineering, 2016, 56, 041309.	0.5	27
100	Spectral Super-Resolution in Colored Coded Aperture Spectral Imaging. IEEE Transactions on Computational Imaging, 2016, 2, 440-455.	2.6	12
101	Robust compressive sensing of sparse signals: a review. Eurasip Journal on Advances in Signal Processing, 2016, 2016, .	1.0	43
102	Compressive spectral integral imaging using a microlens array. , 2016, , .		3
103	Compressive Hyperspectral Imaging via Approximate Message Passing. IEEE Journal on Selected Topics in Signal Processing, 2016, 10, 389-401.	7.3	67
104	Compressive spectral testbed imaging system based on thin-film color-patterned filter arrays. Applied Optics, 2016, 55, 9584.	2.1	22
105	Testbed Implementation of a Compressive Spectral Imaging System with Spatio Temporal Blue Noise Coded Apertures. , 2016, , .		0
106	Development of a Compressive Spectral Testbed based on Thin-film Color-patterned Filter Array. , 2016, , .		0
107	Colored coded aperture compressive spectral imaging: Design and experimentation. , 2015, , .		2
108	Approximate message passing in coded aperture snapshot spectral imaging. , 2015, , .		0

#	ARTICLE	IF	CITATIONS
109	Random projection-based dimensionality reduction method for hyperspectral target detection. , 2015, , .		0
110	RGB detectors on compressive snapshot multi-spectral imagers. , 2015, , .		2
111	Synthetic coded apertures in compressive spectral imaging: Experimental validation. , 2015, , .		0
112	Spatio-spectral uniform multi-frame coded apertures for compressive spectral imaging. , 2015, , .		1
113	Dual-ARM VIS/NIR compressive spectral imager. , 2015, , .		5
114	An overview of robust compressive sensing of sparse signals in impulsive noise. , 2015, , .		6
115	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
116	Coded aperture optimization for compressive X-ray tomosynthesis. Optics Express, 2015, 23, 32788.	1.7	40
117	Compressive spectral polarization imaging with coded micropolarizer array. , 2015, , .		1
118	Seismic full waveform inversion from compressive measurements. Proceedings of SPIE, 2015, , .	0.8	0
119	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
120	Multi-spectral compressive snapshot imaging using RGB image sensors. Optics Express, 2015, 23, 12207.	1.7	40
121	Spread spectrum phase modulation for coherent X-ray diffraction imaging. Optics Express, 2015, 23, 25034.	1.7	8
122	Coded Aperture Design for Compressive X-ray Tomosynthesis. , 2015, , .		4
123	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
124	Gradient-based inverse extreme ultraviolet lithography. Applied Optics, 2015, 54, 7284.	2.1	8
125	Gradient-based joint source polarization mask optimization for optical lithography. Journal of Micro/Nanolithography, MEMS, and MOEMS, 2015, 14, 023504.	1.0	16
126	Spectral Image Unmixing From Optimal Coded-Aperture Compressive Measurements. IEEE Transactions on Geoscience and Remote Sensing, 2015, 53, 405-415.	2.7	11

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127	Coded aperture design in mismatched compressive spectral imaging. Applied Optics, 2015, 54, 9875.	2.1	29
128	Spectral Super-Resolution in Colored Coded Aperture Spectral Imaging. , 2015, , .		0
129	Compressive spectral imaging with colored-patterned detectors. , 2014, , .		11
130	Spectral image unmixing from optimal coded-aperture compressive measurements. , 2014, , .		0
131	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
132	Compressive spectral imaging based on colored coded apertures. , 2014, , .		7
133	Colored coded apertures optimization in compressive spectral imaging by restricted isometry property. , 2014, , .		2
134	Experimental Demonstration of a Colored Coded Aperture-based Compressive Spectral Imaging System. , 2014, , .		2
135	Inverse lithography source optimization via compressive sensing. Optics Express, 2014, 22, 14180.	1.7	30
136	Synthetic coded apertures in compressive spectral imaging. , 2014, , .		2
137	Embedded Transform Coding Based Lossless Compression in Compressive Spectral Imaging with Coded Aperture. , 2014, , .		0
138	Compressive spectral polarization imaging. Proceedings of SPIE, 2014, , .	0.8	2
139	Colored Coded Aperture Design by Concentration of Measure in Compressive Spectral Imaging. IEEE Transactions on Image Processing, 2014, 23, 1896-1908.	6.0	159
140	Analog Joint Source Channel Coding for Wireless Optical Communications and Image Transmission. Journal of Lightwave Technology, 2014, 32, 1654-1662.	2.7	12
141	QR Images: Optimized Image Embedding in QR Codes. IEEE Transactions on Image Processing, 2014, 23, 2842-2853.	6.0	75
142	Spectral Image Classification From Optimal Coded-Aperture Compressive Measurements. IEEE Transactions on Geoscience and Remote Sensing, 2014, 52, 3299-3309.	2.7	24
143	Compressive Coded Aperture Spectral Imaging: An Introduction. IEEE Signal Processing Magazine, 2014, 31, 105-115.	4.6	471
144	Coded aperture design in compressive X-ray tomography. , 2014, , .		7

#	ARTICLE	IF	CITATIONS
145	On super-resolved coded aperture spectral imaging. Proceedings of SPIE, 2013, , .	0.8	3
146	Rank Minimization Code Aperture Design for Spectrally Selective Compressive Imaging. IEEE Transactions on Image Processing, 2013, 22, 941-954.	6.0	84
147	Block-based reconstructions for compressive spectral imaging. Proceedings of SPIE, 2013, , .	0.8	3
148	Coded aperture compressive spectral imaging. , 2013, , .		1
149	Optimization of pseudorandom coded apertures for compressive spectral imaging. Proceedings of SPIE, 2013, , .	0.8	0
150	Demonstration of a Higher-Order Discretization Model for Compressive Spectral Imaging. , 2013, , .		0
151	Block-based mask optimization for optical lithography. Applied Optics, 2013, 52, 3351.	0.9	18
152	Fast lapped block reconstructions in compressive spectral imaging. Applied Optics, 2013, 52, D32.	0.9	53
153	Hybrid source mask optimization for robust immersion lithography. Applied Optics, 2013, 52, 4200.	0.9	25
154	Higher-order computational model for coded aperture spectral imaging. Applied Optics, 2013, 52, D12.	0.9	110
155	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
156	High precision discretization model for coded aperture-based compressive spectral imaging. , 2013, , .		0
157	Special Section Guest Editorial: Compressive Sensing for Imaging. Journal of Electronic Imaging, 2013, 22, 020901.	0.5	0
158	Vectorial mask optimization methods for robust optical lithography. Journal of Micro/Nanolithography, MEMS, and MOEMS, 2012, 11, 043008.	1.0	20
159	Spectrally Selective Compressive Imaging by Matrix System Analysis. , 2012, , .		13
160	Coded-Aperture Compressive Spectral Image Classification. , 2012, , .		1
161	Reconstruction of Sparse Signals From ℓ_1 Dimensionality-Reduced Cauchy Random Projections. IEEE Transactions on Signal Processing, 2012, 60, 5725-5737.	3.2	17
162	Optimal Pivot Selection in Fast Weighted Median Search. IEEE Transactions on Signal Processing, 2012, 60, 4108-4117.	3.2	4

#	ARTICLE	IF	CITATIONS
163	Block-based variable density compressed image sampling. , 2012, , .		2
164	Block-based compressed sampling with non-linear coding for image transmission. , 2012, , .		0
165	Study of an NIR digital micromirror device-based snapshot spectral imaging system. , 2012, , .		3
166	Restricted Isometry Property in coded aperture compressive spectral imaging. , 2012, , .		25
167	Multiresolution Information Mining for Pavement Crack Image Analysis. Journal of Computing in Civil Engineering, 2012, 26, 741-749.	2.5	26
168	Spatial super-resolution in code aperture spectral imaging. Proceedings of SPIE, 2012, , .	0.8	17
169	Hyperspectral pixel classification from coded-aperture compressive imaging. Proceedings of SPIE, 2012, , .	0.8	2
170	Data Forensics Constructions from Cryptographic Hashing and Coding. Lecture Notes in Computer Science, 2012, , 494-509.	1.0	2
171	Experimental Demonstration of an NIR Compressive Sensing Hyper-Spectral Imaging System. , 2012, , .		0
172	Image transmission over the underwater acoustic channel via compressive sensing. , 2011, , .		15
173	Compressive Sensing Signal Reconstruction by Weighted Median Regression Estimates. IEEE Transactions on Signal Processing, 2011, 59, 2585-2601.	3.2	49
174	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
175	Optimal 3D phase-shifting masks in partially coherent illumination. Applied Optics, 2011, 50, 5567.	2.1	11
176	Pixel-based OPC optimization based on conjugate gradients. Optics Express, 2011, 19, 2165.	1.7	63
177	Development of a digital-micromirror-device-based multishot snapshot spectral imaging system. Optics Letters, 2011, 36, 2692.	1.7	129
178	Anomaly recovery from compressed spectral imagery via low-rank matrix minimization. Proceedings of SPIE, 2011, , .	0.8	0
179	Code aperture optimization for spectrally agile compressive imaging. Proceedings of SPIE, 2011, , .	0.8	0
180	Color Extended Visual Cryptography Using Error Diffusion. IEEE Transactions on Image Processing, 2011, 20, 132-145.	6.0	86

#	ARTICLE	IF	CITATIONS
181	Statistical approach for congestion control in gateway routers. Computer Networks, 2011, 55, 572-582.	3.2	15
182	Video anomaly recovery from compressed spectral imaging. , 2011, , .		4
183	Generalized Restricted Isometry Property for alpha-stable random projections. , 2011, , .		4
184	Development of a DMD-based compressive sampling hyperspectral imaging (CS-HSI) system. Proceedings of SPIE, 2011, , .	0.8	4
185	Development of a digital micromirror device (DMD)-based Snapshot Spectral Imaging (DMD-SSI) system. , 2011, , .		1
186	Snapshot spectral imaging via compressive random convolution. , 2011, , .		4
187	Covert channel detection in VoIP streams. , 2011, , .		10
188	Code Aperture Agile Spectral Imaging (CAASI). , 2011, , .		8
189	Binary mask optimization for forward lithography based on boundary layer model in coherent systems. , 2010, , .		0
190	Ensemble Discriminant Sparse Projections Applied to Music Genre Classification. , 2010, , .		6
191	A fast weighted median algorithm based on Quickselect. , 2010, , .		12
192	Compressive sensing signal reconstruction by weighted median regression estimates. , 2010, , .		2
193	Reconstruction of sparse signals from ∞ dimensionality-reduced Cauchy random-projections. , 2010, , .		4
194	Statistical Detection of Congestion in Routers. IEEE Transactions on Signal Processing, 2010, 58, 957-968.	3.2	12
195	Variable Density Compressed Image Sampling. IEEE Transactions on Image Processing, 2010, 19, 264-270.	6.0	145
196	Experimental demonstration of an Optical-Sectioning Compressive Sensing Microscope (CSM). Optics Express, 2010, 18, 24565.	1.7	50
197	Halftone visual cryptography by iterative halftoning. , 2010, , .		4
198	Spectral Aperture Code Design for Multi-Shot Compressive Spectral Imaging. , 2010, , .		5

#	ARTICLE	IF	CITATIONS
199	Color extended visual cryptography using error diffusion. , 2009, , .		8
200	Non-linear coding for improved performance in compressive sensing. , 2009, , .		3
201	Halftone Visual Cryptography Via Error Diffusion. IEEE Transactions on Information Forensics and Security, 2009, 4, 383-396.	4.5	221
202	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
203	Pixel-based simultaneous source and mask optimization for resolution enhancement in optical lithography. Optics Express, 2009, 17, 5783.	1.7	86
204	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
205	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
206	PSM design for inverse lithography with partially coherent illumination. Optics Express, 2008, 16, 20126.	1.7	41
207	Compressed UWB signal detection with narrowband interference mitigation. , 2008, , .		21
208	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
209	Subspace compressive detection for sparse signals. Proceedings of the IEEE International Conference on Acoustics, Speech, and Signal Processing, 2008, , .	1.8	20
210	Modern Digital Halftoning, Second Edition. Signal Processing and Communications, 2008, , .	0.2	40
211	Colored Random Projections for Compressed Sensing. , 2007, , .		6
212	Compressed Detection for Pilot Assisted Ultra-Wideband Impulse Radio. , 2007, , .		33
213	Statistical Approach to Neighborhood Congestion Control in Ad Hoc Wireless Networks. , 2007, , .		1
214	Compressed Sensing for Ultrawideband Impulse Radio. , 2007, , .		10
215	Generalized inverse lithography methods for phase-shifting mask design. Optics Express, 2007, 15, 15066.	1.7	66
216	Compressed detection for ultra-wideband impulse radio. , 2007, , .		30

#	ARTICLE	IF	CITATIONS
217	Ultra-Wideband Compressed Sensing: Channel Estimation. IEEE Journal on Selected Topics in Signal Processing, 2007, 1, 383-395.	7.3	235
218	Halftone Visual Cryptography Through Error Diffusion. , 2006, , .		19
219	A Maximum Likelihood Approach to Least Absolute Deviation Regression. Eurasip Journal on Advances in Signal Processing, 2004, 2004, 1.	1.0	71
220	Mixed-signal equalization architectures for printed circuit board channels. , 2002, , .		1
221	Weighted median image sharpeners for the World Wide Web. IEEE Transactions on Image Processing, 2002, 11, 717-727.	6.0	46
222	Multichannel image compression by bijection mappings onto zero-trees. IEEE Transactions on Image Processing, 2002, 11, 223-233.	6.0	6
223	Statistically-Efficient Filtering in Impulsive Environments: Weighted Myriad Filters. Eurasip Journal on Advances in Signal Processing, 2002, 2002, 1.	1.0	59
224	Elimination of interference terms of the discrete Wigner distribution using nonlinear filtering. IEEE Transactions on Signal Processing, 2000, 48, 2321-2331.	3.2	28
225	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
226	Modern Digital Halftoning. , 0, , .		70