

Alexander Wong

List of Publications by Year in descending order

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167
papers

4,682
citations

304743

22
h-index

128289

60
g-index

167
all docs

167
docs citations

167
times ranked

6022
citing authors

#	ARTICLE	IF	CITATIONS
1	COVID-Net: a tailored deep convolutional neural network design for detection of COVID-19 cases from chest X-ray images. Scientific Reports, 2020, 10, 19549.	3.3	1,784
2	Lung Nodule Classification Using Deep Features in CT Images. , 2015, , .		227
3	Radiomics-based Prognosis Analysis for Non-Small Cell Lung Cancer. Scientific Reports, 2017, 7, 46349.	3.3	196
4	General Bayesian estimation for speckle noise reduction in optical coherence tomography retinal imagery. Optics Express, 2010, 18, 8338.	3.4	165
5	Automated prostate cancer detection via comprehensive multi-parametric magnetic resonance imaging texture feature models. BMC Medical Imaging, 2015, 15, 27.	2.7	140
6	A nonlocal-means approach to exemplar-based inpainting. , 2008, , .		122
7	Generative Adversarial Networks and Conditional Random Fields for Hyperspectral Image Classification. IEEE Transactions on Cybernetics, 2020, 50, 3318-3329.	9.5	108
8	Automatic Skin Lesion Segmentation via Iterative Stochastic Region Merging. IEEE Transactions on Information Technology in Biomedicine, 2011, 15, 929-936.	3.2	104
9	Efficient nonlocal-means denoising using the SVD. , 2008, , .		86
10	Enhanced Seam Carving via Integration of Energy Gradient Functionals. IEEE Signal Processing Letters, 2011, 18, 375-378.	3.6	68
11	Salient Region Detection Using Self-Guided Statistical Non-Redundancy in Natural Images. IEEE Access, 2016, 4, 48-60.	4.2	58
12	Fully automated segmentation of prostate whole gland and transition zone in diffusion-weighted MRI using convolutional neural networks. Journal of Medical Imaging, 2017, 4, 1.	1.5	57
13	Non-contact hemodynamic imaging reveals the jugular venous pulse waveform. Scientific Reports, 2017, 7, 40150.	3.3	53
14	ST-IRGS: A Region-Based Self-Training Algorithm Applied to Hyperspectral Image Classification and Segmentation. IEEE Transactions on Geoscience and Remote Sensing, 2018, 56, 3-16.	6.3	47
15	Understanding the temporal evolution of COVID-19 research through machine learning and natural language processing. Scientometrics, 2021, 126, 725-739.	3.0	46
16	MPCaD: a multi-scale radiomics-driven framework for automated prostate cancer localization and detection. BMC Medical Imaging, 2018, 18, 16.	2.7	43
17	Environment Classification for Robotic Leg Prostheses and Exoskeletons Using Deep Convolutional Neural Networks. Frontiers in Neurorobotics, 2021, 15, 730965.	2.8	39
18	Efficient FFT-Accelerated Approach to Invariant Opticalâ€“LIDAR Registration. IEEE Transactions on Geoscience and Remote Sensing, 2008, 46, 3917-3925.	6.3	37

#	ARTICLE	IF	CITATIONS
19	GolfDB: A Video Database for Golf Swing Sequencing. , 2019, , .		36
20	Extended Knowledge-Based Reasoning Approach to Spectrum Sensing for Cognitive Radio. IEEE Transactions on Mobile Computing, 2010, 9, 465-478.	5.8	33
21	Feasibility of long-distance heart rate monitoring using transmittance photoplethysmographic imaging (PPGI). Scientific Reports, 2015, 5, 14637.	3.3	33
22	Simultaneous Projector-Camera Self-Calibration for Three-Dimensional Reconstruction and Projection Mapping. IEEE Transactions on Computational Imaging, 2017, 3, 74-83.	4.4	33
23	Prostate Cancer Detection via a Quantitative Radiomics-Driven Conditional Random Field Framework. IEEE Access, 2015, 3, 2531-2541.	4.2	32
24	Learn2Perturb: An End-to-End Feature Perturbation Learning to Improve Adversarial Robustness. , 2020, , .		29
25	Sparse Reconstruction of Breast MRI Using Homotopic L_0 Minimization in a Regional Sparsified Domain. IEEE Transactions on Biomedical Engineering, 2013, 60, 743-752.	4.2	28
26	ExoNet Database: Wearable Camera Images of Human Locomotion Environments. Frontiers in Robotics and AI, 2020, 7, 562061.	3.2	27
27	Estimating oxygen uptake and energy expenditure during treadmill walking by neural network analysis of easy-to-obtain inputs. Journal of Applied Physiology, 2016, 121, 1226-1233.	2.5	26
28	STAR-Net: Action Recognition using Spatio-Temporal Activation Reprojection. , 2019, , .		25
29	Extracting aerobic system dynamics during unsupervised activities of daily living using wearable sensor machine learning models. Journal of Applied Physiology, 2018, 124, 473-481.	2.5	24
30	Enhancement of morphological and vascular features in OCT images using a modified Bayesian residual transform. Biomedical Optics Express, 2018, 9, 2394.	2.9	23
31	Stochastic Medium Access for Cognitive Radio Ad Hoc Networks. IEEE Journal on Selected Areas in Communications, 2011, 29, 770-783.	14.0	22
32	Intrinsic Representation of Hyperspectral Imagery for Unsupervised Feature Extraction. IEEE Transactions on Geoscience and Remote Sensing, 2016, 54, 1118-1130.	6.3	22
33	A Novel Bayesian Spatial-Temporal Random Field Model Applied to Cloud Detection From Remotely Sensed Imagery. IEEE Transactions on Geoscience and Remote Sensing, 2017, 55, 4913-4924.	6.3	22
34	Weakly Supervised Classification of Remotely Sensed Imagery Using Label Constraint and Edge Penalty. IEEE Transactions on Geoscience and Remote Sensing, 2017, 55, 1424-1436.	6.3	22
35	The Feasibility of Automated Identification of Six Algae Types Using Feed-Forward Neural Networks and Fluorescence-Based Spectral-Morphological Features. IEEE Access, 2019, 7, 7041-7053.	4.2	22
36	EvoPose2D: Pushing the Boundaries of 2D Human Pose Estimation Using Accelerated Neuroevolution With Weight Transfer. IEEE Access, 2021, 9, 139403-139414.	4.2	22

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37	ETVOS: An Enhanced Total Variation Optimization Segmentation Approach for SAR Sea-Ice Image Segmentation. IEEE Transactions on Geoscience and Remote Sensing, 2013, 51, 925-934.	6.3	20
38	StochasticNet: Forming Deep Neural Networks via Stochastic Connectivity. IEEE Access, 2016, 4, 1915-1924.	4.2	20
39	Quantification of cyanobacterial cells via a novel imaging-driven technique with an integrated fluorescence signature. Scientific Reports, 2018, 8, 9055.	3.3	20
40	CPOL: Complex phase order likelihood as a similarity measure for MRâ€“CT registration. Medical Image Analysis, 2010, 14, 50-57.	11.6	19
41	Quasi-Monte Carlo Estimation Approach for Denoising MRI Data Based on Regional Statistics. IEEE Transactions on Biomedical Engineering, 2011, 58, 1076-1083.	4.2	19
42	Hyperspectral Image Denoising Using a Spatialâ€“Spectral Monte Carlo Sampling Approach. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2015, 8, 3025-3038.	4.9	19
43	A Novel Motion Plane-Based Approach to Vehicle Speed Estimation. IEEE Transactions on Intelligent Transportation Systems, 2019, 20, 1237-1246.	8.0	19
44	A Deep Learning Approach for Multi-Depth Soil Water Content Prediction in Summer Maize Growth Period. IEEE Access, 2020, 8, 199097-199110.	4.2	19
45	Spectral-spatial fusion model for robust blood pulse waveform extraction in photoplethysmographic imaging. Biomedical Optics Express, 2016, 7, 4874.	2.9	18
46	Extracting High-Level Intuitive Features (HLIF) for Classifying Skin Lesions Using Standard Camera Images. , 2012, , .		17
47	Unsupervised Bayesian Classification of a Hyperspectral Image Based on the Spectral Mixture Model and Markov Random Field. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2018, 11, 3325-3337.	4.9	17
48	EmotionNet Nano: An Efficient Deep Convolutional Neural Network Design for Real-Time Facial Expression Recognition. Frontiers in Artificial Intelligence, 2020, 3, 609673.	3.4	16
49	Intervertebral Disc Segmentation and Volumetric Reconstruction From Peripheral Quantitative Computed Tomography Imaging. IEEE Transactions on Biomedical Engineering, 2009, 56, 2748-2751.	4.2	15
50	K-P-Means: A Clustering Algorithm of K â€œPurifiedâ€œMeans for Hyperspectral Endmember Estimation. IEEE Geoscience and Remote Sensing Letters, 2014, 11, 1787-1791.	3.1	15
51	Oil spill candidate detection from SAR imagery using a thresholding-guided stochastic fully-connected conditional random field model. , 2015, , .		15
52	Deep Learning with Darwin: Evolutionary Synthesis of Deep Neural Networks. Neural Processing Letters, 2018, 48, 603-613.	3.2	15
53	Comparative Analysis of Environment Recognition Systems for Control of Lower-Limb Exoskeletons and Prostheses. , 2020, , .		14
54	Automated food intake tracking requires depth-refined semantic segmentation to rectify visual-volume discordance in long-term care homes. Scientific Reports, 2022, 12, 83.	3.3	14

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55	A perceptually adaptive approach to image denoising using anisotropic non-local means. , 2008, , .		13
56	Bayesian-based deconvolution fluorescence microscopy using dynamically updated nonstationary expectation estimates. Scientific Reports, 2015, 5, 10849.	3.3	13
57	Fully Connected Continuous Conditional Random Field With Stochastic Cliques for Dark-Spot Detection In SAR Imagery. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2016, 9, 2882-2890.	4.9	13
58	SISC: End-to-End Interpretable Discovery Radiomics-Driven Lung Cancer Prediction via Stacked Interpretable Sequencing Cells. IEEE Access, 2019, 7, 145444-145454.	4.2	13
59	Hallway Gait Monitoring Using Novel Radar Signal Processing and Unsupervised Learning. IEEE Sensors Journal, 2022, 22, 15133-15145.	4.7	13
60	Feature Extraction for Hyperspectral Imagery via Ensemble Localized Manifold Learning. IEEE Geoscience and Remote Sensing Letters, 2015, 12, 2486-2490.	3.1	12
61	Extraction of Endmembers From Hyperspectral Images Using A Weighted Fuzzy Purified-Means Clustering Model. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2016, 9, 695-707.	4.9	12
62	Detecting Pulse Wave From Unstable Facial Videos Recorded From Consumer-Level Cameras: A Disturbance-Adaptive Orthogonal Matching Pursuit. IEEE Transactions on Biomedical Engineering, 2020, 67, 3352-3362.	4.2	12
63	Global chlorophyll-a concentration estimation from moderate resolution imaging spectroradiometer using convolutional neural networks. Journal of Applied Remote Sensing, 2020, 14, .	1.3	12
64	Spatial probabilistic pulsatility model for enhancing photoplethysmographic imaging systems. Journal of Biomedical Optics, 2016, 21, 116010.	2.6	11
65	Detecting Pulse Rates From Facial Videos Recorded in Unstable Lighting Conditions: An Adaptive Spatiotemporal Homomorphic Filtering Algorithm. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-15.	4.7	11
66	Prototyping the Automated Food Imaging and Nutrient Intake Tracking System: Modified Participatory Iterative Design Sprint. JMIR Human Factors, 2019, 6, e13017.	2.0	11
67	Adaptive Monte Carlo Retinex Method for Illumination and Reflectance Separation and Color Image Enhancement. , 2009, , .		10
68	Saliency detection via statistical non-redundancy. , 2012, , .		10
69	Image saliency detection via multi-scale statistical non-redundancy modeling. , 2014, , .		10
70	BCUN: Bayesian Fully Convolutional Neural Network for Hyperspectral Spectral Unmixing. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-14.	6.3	10
71	Shape-guided active contour based segmentation and tracking of lumbar vertebrae in video fluoroscopy using complex wavelets. , 2008, 2008, 863-6.		9
72	Grid Seams: A Fast Superpixel Algorithm for Real-Time Applications. , 2014, , .		9

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73	Autonomous gait speed estimation using 24GHz FMCW radar technology. , 2018, , .		9
74	OutlierNets: Highly Compact Deep Autoencoder Network Architectures for On-Device Acoustic Anomaly Detection. Sensors, 2021, 21, 4805.	3.8	9
75	Deep Neural Network Perception Models and Robust Autonomous Driving Systems: Practical Solutions for Mitigation and Improvement. IEEE Signal Processing Magazine, 2021, 38, 22-30.	5.6	9
76	VidAF: A Motion-Robust Model for Atrial Fibrillation Screening From Facial Videos. IEEE Journal of Biomedical and Health Informatics, 2022, 26, 1672-1683.	6.3	9
77	A Bayesian Deep Image Prior Downscaling Approach for High-Resolution Soil Moisture Estimation. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2022, 15, 4571-4582.	4.9	9
78	Multi-Scale Saliency-Guided Compressive Sensing Approach to Efficient Robotic Laser Range Measurements. , 2012, , .		8
79	Unsupervised classification of agricultural land cover using polarimetric synthetic aperture radar via a sparse texture dictionary model. , 2013, , .		8
80	Numerical Demultiplexing of Color Image Sensor Measurements via Non-linear Random Forest Modeling. Scientific Reports, 2016, 6, 28665.	3.3	8
81	Compensated Row-Column Ultrasound Imaging System Using Multilayered Edge Guided Stochastically Fully Connected Random Fields. Scientific Reports, 2017, 7, 10644.	3.3	8
82	TimeConvNets: A Deep Time Windowed Convolution Neural Network Design for Real-time Video Facial Expression Recognition. , 2020, , .		8
83	An Iterative Approach to Improved Local Phase Coherence Estimation. , 2008, , .		7
84	IceSynth II: Synthesis of SAR Sea-Ice Imagery Using Region-Based Posterior Sampling. IEEE Geoscience and Remote Sensing Letters, 2010, 7, 348-351.	3.1	7
85	Hybrid Video Compression Using Selective Keyframe Identification and Patch-Based Super-Resolution. , 2011, , .		7
86	A KPCA texture feature model for efficient segmentation of RADARSAT-2 SAR sea ice imagery. International Journal of Remote Sensing, 2014, 35, 5053-5072.	2.9	7
87	Monte Carlo-based noise compensation in coil intensity corrected endorectal MRI. BMC Medical Imaging, 2015, 15, 43.	2.7	7
88	Prioritized Spectrum Sensing in Cognitive Radio Based on Spatiotemporal Statistical Fusion. , 2009, , .		6
89	Dynamically optimized spatiotemporal prioritization for spectrum sensing in cooperative cognitive radio. Wireless Networks, 2010, 16, 889-901.	3.0	6
90	Fisherâ€™Tippett Region-Merging Approach to Transrectal Ultrasound Prostate Lesion Segmentation. IEEE Transactions on Information Technology in Biomedicine, 2011, 15, 900-907.	3.2	6

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91	Laser Light-field Fusion for Wide-field Lensfree On-chip Phase Contrast Microscopy of Nanoparticles. Scientific Reports, 2016, 6, 38981.	3.3	6
92	Compensated Row-Column Ultrasound Imaging System Using Fisher Tippet Multilayered Conditional Random Field Model. PLoS ONE, 2015, 10, e0142817.	2.5	6
93	Stochastic Channel Prioritization for Spectrum Sensing in Cooperative Cognitive Radio. , 2009, , .		5
94	Computerised system for measurement of muscle thickness based on ultrasonography. Computer Methods in Biomechanics and Biomedical Engineering, 2013, 16, 249-255.	1.6	5
95	Dense Depth Map Reconstruction from Sparse Measurements Using a Multilayer Conditional Random Field Model. , 2015, , .		5
96	Bag of Bags: Nested Multi Instance Classification for Prostate Cancer Detection. , 2016, , .		5
97	Deep Randomly-Connected Conditional Random Fields For Image Segmentation. IEEE Access, 2017, 5, 366-378.	4.2	5
98	Estimation Of Iron Concentration In Soil Of A Mining Area From Uav-Based Hyperspectral Imagery. , 2019, , .		5
99	Multi-Temporal Landsat-8 Images for Retrieval and Broad Scale Mapping of Soil Copper Concentration Using Empirical Models. Remote Sensing, 2022, 14, 2311.	4.0	5
100	Illumination invariant active contour-based segmentation using complex-valued wavelets. , 2008, , .		4
101	A new Bayesian source separation approach to blind decorrelation of SAR data. , 2010, , .		4
102	Comprehensive Analysis on the Effects of Noise Estimation Strategies on Image Noise Artifact Suppression Performance. , 2011, , .		4
103	Shot Boundary Detection Using Genetic Algorithm Optimization. , 2011, , .		4
104	Tensor vector field based active contours. , 2011, , .		4
105	Sea Ice Surface Temperature Estimation Using MODIS and AMSR-E Data Within a Guided Variational Model Along the Labrador Coast. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2014, 7, 3685-3694.	4.9	4
106	Auto-calibration of a projector-camera stereo system for projection mapping. Journal of the Society for Information Display, 2016, 24, 510-520.	2.1	4
107	An Enhanced Probabilistic Posterior Sampling Approach for Synthesizing SAR Imagery With Sea Ice and Oil Spills. IEEE Geoscience and Remote Sensing Letters, 2017, 14, 188-192.	3.1	4
108	TAL: Topography-Aware Multi-Resolution Fusion Learning for Enhanced Building Footprint Extraction. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	3.1	4

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109	Synthetic correlated diffusion imaging hyperintensity delineates clinically significant prostate cancer. <i>Scientific Reports</i> , 2022, 12, 3376.	3.3	4
110	An adaptive Monte Carlo approach to nonlinear image denoising. , 2008, , .		3
111	Alignment of Confocal Scanning Laser Ophthalmoscopy Photoreceptor Images at Different Polarizations Using Complex Phase Relationships. <i>IEEE Transactions on Biomedical Engineering</i> , 2009, 56, 1831-1837.	4.2	3
112	IceSynth: An Image Synthesis System for Sea-Ice Segmentation Evaluation. , 2009, , .		3
113	An Adaptive Monte Carlo Approach to Phase-Based Multimodal Image Registration. <i>IEEE Transactions on Information Technology in Biomedicine</i> , 2010, 14, 173-179.	3.2	3
114	Remote sensing image synthesis. , 2010, , .		3
115	Efficient Globally Optimal Registration of Remote Sensing Imagery via Quasi-Random Scale-Space Structural Correlation Energy Functional. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2011, 8, 997-1001.	3.1	3
116	Difference of Circles Feature Detector. , 2012, , .		3
117	A novel 3D approach for the extraction of the wetting front in CT images of soil profiles. , 2013, , .		3
118	Quantitative features for computer-aided melanoma classification using spatial heterogeneity of eumelanin and pheomelanin concentrations. , 2015, , .		3
119	Exploring the regional disc bulge response of the cervical porcine intervertebral disc under varying loads and posture. <i>Journal of Biomechanics</i> , 2020, 104, 109713.	2.1	3
120	Nonlocal Band-Weighted Iterative Spectral Mixture Model for Hyperspectral Imagery Denoising. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2020, 58, 5588-5601.	6.3	3
121	A Deep-Structured Conditional Random Field Model for Object Silhouette Tracking. <i>PLoS ONE</i> , 2015, 10, e0133036.	2.5	3
122	Automatic registration of inter-band and inter-sensor images using robust complex wavelet feature representations. , 2008, , .		2
123	Deblocking of Block-Transform Compressed Images Using Phase-Adaptive Shifted Thresholding. , 2008, , .		2
124	JEDI: Adaptive Stochastic Estimation for Joint Enhancement and Despeckling of Images for SAR. , 2009, , .		2
125	SEC: Stochastic Ensemble Consensus Approach to Unsupervised SAR Sea-Ice Segmentation. , 2009, , .		2
126	A systematic approach to feature tracking of lumbar spine vertebrae from fluoroscopic images using complex-valued wavelets. <i>Computer Methods in Biomechanics and Biomedical Engineering</i> , 2009, 12, 607-616.	1.6	2

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127	Synthesis of Remote Sensing Label Fields Using a Tree-Structured Hierarchical Model. IEEE Transactions on Geoscience and Remote Sensing, 2011, 49, 2060-2070.	6.3	2
128	Tensor total variation approach to optical coherence tomography reconstruction for improved visualization of retinal microvasculature. Biomedical Optics Express, 2012, 3, 160.	2.9	2
129	Multi-scale tensor vector field active contour. , 2012, , .		2
130	Unsupervised classification of sea-ice using synthetic aperture radar via an adaptive texture sparsifying transform. , 2013, , .		2
131	URC: Unsupervised regional clustering of remote sensing imagery. , 2014, , .		2
132	Homotopic non-local regularized reconstruction from sparse positron emission tomography measurements. BMC Medical Imaging, 2015, 15, 10.	2.7	2
133	Sparse reconstruction of compressive sensing MRI using cross-domain stochastically fully connected conditional random fields. BMC Medical Imaging, 2016, 16, 51.	2.7	2
134	63-3: Real-time Spatial-based Projector Resolution Enhancement. Digest of Technical Papers SID International Symposium, 2018, 49, 831-834.	0.3	2
135	An Innovative Eigenvector-Based Method for Traffic Light Scheduling. Journal of Advanced Transportation, 2020, 2020, 1-14.	1.7	2
136	Depth Profilometry via Multiplexed Optical High-Coherence Interferometry. PLoS ONE, 2015, 10, e0121066.	2.5	2
137	MANet: a Motion-Driven Attention Network for Detecting the Pulse from a Facial Video with Drastic Motions. , 2021, , .		2
138	Quasi-Random Scale Space Approach to Robust Keypoint Extraction in High-Noise Environments. , 2010, , .		1
139	Automatic system for 3D reconstruction of the chick eye based on digital photographs. Computer Methods in Biomechanics and Biomedical Engineering, 2012, 15, 141-149.	1.6	1
140	Perceptual Structure Distortion Ratio: An Image Quality Metric Based on Robust Measures of Complex Phase Order. , 2012, , .		1
141	Combining rotation forests and adaboost for hyperspectral imagery classification using few labeled samples. , 2014, , .		1
142	Noise-compensated homotopic non-local regularized reconstruction for rapid retinal optical coherence tomography image acquisitions. BMC Medical Imaging, 2014, 14, 37.	2.7	1
143	Correlating optical coherence tomography images with dose distribution in late oral radiation toxicity patients. Photonics & Lasers in Medicine, 2014, 3, .	0.2	1
144	35.1: Distinguished Paper : Auto-Calibration for Screen Correction and Point Cloud Generation. Digest of Technical Papers SID International Symposium, 2015, 46, 507-510.	0.3	1

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145	Stochastic color image segmentation using spatial constraints. , 2015, , .		1
146	Return of grid seams: A superpixel algorithm using discontinuous multi-functional energy seam carving. , 2015, , .		1
147	Simultaneous Scene Reconstruction and Auto-Calibration Using Constrained Iterative Closest Point for 3D Depth Sensor Array. , 2015, , .		1
148	Hierarchical Grouping Approach for Fast Approximate RGB-D Scene Flow. , 2016, , .		1
149	Statistical Conditional Sampling for Variable-Resolution Video Compression. PLoS ONE, 2012, 7, e45002.	2.5	1
150	Computational and Experimental Model to Study Immunobead-Based Assays in Microfluidic Mixing Platforms. Analytical Chemistry, 2022, 94, 2087-2098.	6.5	1
151	Robust Edge Detection Based on Non-local Contribution of Local Frequency Characteristics. , 2008, , .		0
152	Simultaneous multi-modal registration of multiple images based on multi-dimensional joint phase moment distributions. , 2008, , .		0
153	Phase-adaptive image signal fusion using complex-valued wavelets. , 2008, , .		0
154	Mammogram Image Superresolution Based on Statistical Moment Analysis. , 2010, , .		0
155	Spectral variation constrained power spectral density estimation for wideband spectrum sensing. , 2010, , .		0
156	Constrained Bayesian streak artifact reduction approach for contrast enhanced computed tomography imaging of the intervertebral disc. , 2011, 2011, 8487-90.		0
157	Multi-scale 3D representation via volumetric quasi-random scale space. , 2011, , .		0
158	Markov-chain Monte Carlo-based image reconstruction for streak artefact reduction on contrast-enhanced computed tomography. Computer Methods in Biomechanics and Biomedical Engineering: Imaging and Visualization, 2014, 2, 67-75.	1.9	0
159	Comparative study of feature space projection methods for hyperspectral image classification. , 2014, , .		0
160	Comparison of unsupervised segmentation methods for surficial materials mapping in Nunavut, Canada using RADARSAT-2 polarimetric, Landsat-7, and DEM data. , 2014, , .		0
161	Scalable multi-neighborhood learning for convolutional networks. , 2015, , .		0
162	TIGGER: A Texture-Illumination Guided Global Energy Response Model for Illumination Robust Object Saliency. , 2016, , .		0

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163	NeRD: A Neural Response Divergence Approach to Visual Saliency Detection. IEEE Signal Processing Letters, 2016, 23, 1404-1408.	3.6	0
164	Automatic tracking of pupillary dynamics from <i>in vivo</i> functional optical coherence tomography images. Computer Methods in Biomechanics and Biomedical Engineering: Imaging and Visualization, 2016, 4, 306-316.	1.9	0
165	Deep Learning-Driven Depth from Defocus via Active Multispectral Quasi-Random Projections with Complex Subpatterns. , 2018, , .		0
166	NONPARAMETRIC SAMPLE-BASED METHODS FOR IMAGE UNDERSTANDING. Series in Computer Vision, 2011, , 137-153.	0.1	0
167	POOF: Efficient Goalie Pose Annotation using Optical Flow. , 2021, , .		0