Hong Pan

List of Publications by Year
in descending order

114 papers	4,343 citations	147801 31 h-index	114465 63 g-index
121 all docs	121 docs citations	121 times ranked	5689 citing authors

#	Article	IF	Citations
1	Prospective evaluation of functional brain activity and oxidative damage in breast cancer: changes in task-induced deactivation during a working memory task. Brain Imaging and Behavior, 2021, 15, 1364-1373.	2.1	4
2	Place perception from the fusion of different image representation. Pattern Recognition, 2021, 110, 107680.	8.1	5
3	Correlation Between Rostral Dorsomedial Prefrontal Cortex Activation by Trauma-Related Words and Subsequent Response to CBT for PTSD. Journal of Neuropsychiatry and Clinical Neurosciences, 2021, 33, 116-123.	1.8	3
4	*ortho*-Ethynyl group assisted regioselective and diastereoselective [2 + 2] cross-photocycloaddition of alkenes under photocatalyst-, additive-, and solvent-free conditions. Organic Chemistry Frontiers, 2021, 8, 5872-5887.	4.5	20
5	Abnormal semantic processing of threat words associated with excitement and hostility symptoms in schizophrenia. Schizophrenia Research, 2021, 228, 394-402.	2.0	2
6	Effect of melting point on thermodynamics of thin PCM reinforced residential frame walls in different climate zones. Applied Thermal Engineering, 2021, 188, 116615.	6.0	37
7	Electronic Structures, Stabilities, and Magnetism of $SrTiO_3$ Monolayer and Ultrathin Nanotubes. Journal of Superconductivity and Novel Magnetism, 2021, 34, 2093-2104.	1.8	1
8	Pixel-Level Fatigue Crack Segmentation in Large-Scale Images of Steel Structures Using an Encoder–Decoder Network. Sensors, 2021, 21, 4135.	3.8	23
9	Adversarial Attacks on Kinship Verification using Transformer. , 2021, , .		2
10	Text-based indoor place recognition with deep neural network. Neurocomputing, 2020, 390, 239-247.	5.9	5
11	Nano-modified functional composite coatings for metallic structures: Part I-Electrochemical and barrier behavior. Surface and Coatings Technology, 2020, 401, 126286.	4.8	8
12	The bed nucleus of the stria terminalis and functionally linked neurocircuitry modulate emotion processing and HPA axis dysfunction in posttraumatic stress disorder. NeuroImage: Clinical, 2020, 28, 102442.	2.7	19
13	Nano-modified functional composite coatings for metallic structures: Part II—Mechanical and damage tolerance. Surface and Coatings Technology, 2020, 401, 126274.	4.8	6
14	Regional microglial activation in the substantia nigra is linked with fatigue in MS. Neurology: Neuroimmunology and NeuroInflammation, 2020, 7, .	6.0	12
15	Multi-Scale Vehicle Detection in High-Resolution Aerial Images With Context Information. IEEE Access, 2020, 8, 208643-208657.	4.2	17
16	Machine Learning-Enriched Lamb Wave Approaches for Automated Damage Detection. Sensors, 2020, 20, 1790.	3.8	35
17	Aqueous $ZnCl_2$ Complex Catalyzed Prins Reaction of Silyl Glyoxylates: Access to Functionalized Tertiary α-Silyl Alcohols. Journal of Organic Chemistry, 2020, 85, 5825-5837.	3.2	9
18	Comparative Study of Three Carbon Additives: Carbon Nanotubes, Graphene, and Fullerene-C60, for Synthesizing Enhanced Polymer Nanocomposites. Nanomaterials, 2020, 10, 838.	4.1	26

#	Article	IF	Citations
19	Functional neuroanatomy of the human eye movement network: a review and atlas. Brain Structure and Function, 2019, 224, 2603-2617.	2.3	28
20	Gray matter microglial activation in relapsing vs progressive MS. Neurology: Neuroimmunology and NeuroInflammation, 2019, 6, e587.	6.0	30
21	Image caption based on Visual Attention Mechanism. , 2019, , .		2
22	Unsupervised Reinforcement Learning For Video Summarization Reward Function. , 2019, , .		7
23	Episodic memory for visual scenes suggests compensatory brain activity in breast cancer patients: a prospective longitudinal fMRI study. Brain Imaging and Behavior, 2019, 13, 1674-1688.	2.1	13
24	Enabling Damage Identification of Structures Using Time Series–Based Feature Extraction Algorithms. Journal of Aerospace Engineering, 2019, 32, 04019014.	1.4	11
25	Immunological and Neurometabolite Changes Associated With Switch From Efavirenz to an Integrase Inhibitor. Journal of Acquired Immune Deficiency Syndromes (1999), 2019, 81, 585-593.	2.1	14
26	Time-Frequency-Based Data-Driven Structural Diagnosis and Damage Detection for Cable-Stayed Bridges. Journal of Bridge Engineering, 2018, 23, .	2.9	106
27	Fluorescent Zn-PDC/Tb^{3+} Coordination Polymer Nanostructure: A Candidate for Highly Selective Detections of Cefixime Antibiotic and Acetone in Aqueous System. Inorganic Chemistry, 2018, 57, 1417-1425.	4.0	110
28	Deep BBN Learning for Health Assessment toward Decision-Making on Structures under Uncertainties. KSCE Journal of Civil Engineering, 2018, 22, 928-940.	1.9	28
29	Vibration-Based Support Vector Machine for Structural Health Monitoring. Lecture Notes in Civil Engineering, 2018, , 167-178.	0.4	15
30	Airport Flying Birds Localization with Bistatic Cameras. , 2018, , .		0
31	Foreground Extraction of Surveillance Video Under Complex Background. , 2018, , .		0
32	Numerical Thermal Characterization and Performance Metrics of Building Envelopes Containing Phase Change Materials for Energy-Efficient Buildings. Sustainability, 2018, 10, 2657.	3.2	7
33	Aircraft recognition in remote sensing images based on deep learning. , 2018, , .		0
34	Data-driven structural diagnosis and conditional assessment: from shallow to deep learning. , 2018, , .		11
35	Improved semi-active control algorithm for hydraulic damper-based braced buildings. Structural Control and Health Monitoring, 2017, 24, e1991.	4.0	17
36	Data-driven support vector machine with optimization techniques for structural health monitoring and damage detection. KSCE Journal of Civil Engineering, 2017, 21, 523-534.	1.9	176

#	Article	IF	Citations
37	Impact of mowing management on nitrogen mineralization rate and fungal and bacterial communities in a semiarid grassland ecosystem. Journal of Soils and Sediments, 2017, 17, 1715-1726.	3.0	22
38	Robust road detection from a single image. , 2016, , .		7
39	An in-depth study of sparse codes on abnormality detection. , 2016, , .		5
40	Feature representation of RGB-D images using joint spatial-depth feature pooling. Pattern Recognition Letters, 2016, 80, 239-248.	4.2	1
41	Characteristics of Men Who Report Persistent Sexual Symptoms After Finasteride Use for Hair Loss. Journal of Clinical Endocrinology and Metabolism, 2016, 101, 4669-4680.	3.6	54
42	RF-powered battery-less Wireless Sensor Network. , 2016, , .		4
43	RF-powered battery-less Wireless Sensor Network in structural monitoring. , 2016, , .		1
44	Fault analysis of High Speed Train with DBN hierarchical ensemble. , 2016, , .		18
45	A genetics-motivated unsupervised model for tri-subject kinship verification. , 2016, , .		10
46	Frontolimbic neural circuit changes in emotional processing and inhibitory control associated with clinical improvement following transference‐focused psychotherapy in borderline personality disorder. Psychiatry and Clinical Neurosciences, 2016, 70, 51-61.	1.8	64
47	Object classification from RGB-D images using depth context kernel descriptors. , 2015, , .		1
48	Simultaneous determination of tazarotene and its active metabolite tazarotenic acid in minipig plasma by LC–MS/MS and its application in pharmacokinetic study after topical administration of tazarotene gel. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2015, 978-979, 173-178.	2.3	9
49	Role of the motor system in language knowledge. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 1983-1988.	7.1	22
50	Altered threat and safety neural processing linked to persecutory delusions in schizophrenia: a two-task fMRI study. Psychiatry Research - Neuroimaging, 2015, 233, 352-366.	1.8	17
51	Reversible adsorption and separation of volatile aromatics based on a porous Cd(ii) MOF. CrystEngComm, 2015, 17, 8657-8663.	2.6	8
52	Beyond the amygdala: Linguistic threat modulates peri-sylvian semantic access cortices. Brain and Language, 2015, 151, 12-22.	1.6	13
53	Feature Extraction and Learning Using Context Cue and Rényi Entropy Based Mutual Information. Lecture Notes in Computer Science, 2015, , 69-88.	1.3	3
54	Random Forests for Object Detection. Lecture Notes in Electrical Engineering, 2015, , 267-274.	0.4	1

#	Article	IF	Citations
55	Joint Spatial-Depth Feature Pooling for RGB-D Object Classification. Lecture Notes in Computer Science, 2015, , 314-326.	1.3	0
56	Language Universals Engage Broca's Area. PLoS ONE, 2014, 9, e95155.	2.5	16
57	Face Clustering in Photo Album. , 2014, , .		7
58	Self-adaptive differential evolution with local search chains for real-parameter single-objective optimization. , 2014, , .		8
59	Object Classification and Detection with Context Kernel Descriptors. Lecture Notes in Computer Science, 2014, , 827-835.	1.3	2
60	Efficient and accurate face detection using heterogeneous feature descriptors and feature selection. Computer Vision and Image Understanding, 2013, 117, 12-28.	4.7	34
61	A method for z-shim compensated EPI-bold imaging in a single shot. , 2013, , .		2
62	Fusing multi-feature representation and PSO-Adaboost based feature selection for reliable frontal face detection. , 2013, , .		3
63	Mining heterogeneous class-specific codebook for categorical object detection and classification. , 2013, , .		2
64	Investigation of self-adaptive differential evolution on the CEC-2013 real-parameter single-objective optimization testbed. , 2013, , .		7
65	A Hierarchical and Complementary Feature-based Model for Genetic Object Detection. Dianzi Yu Xinxi Xuebao/Journal of Electronics and Information Technology, 2013, 34, 1531-1537.	0.1	0
66	New and emerging imaging techniques for mapping brain circuitry. Brain Research Reviews, 2011, 67, 226-251.	9.0	25
67	Differential activity of subgenual cingulate and brainstem in panic disorder and PTSD. Journal of Anxiety Disorders, 2011, 25, 251-257.	3.2	71
68	Combining heterogeneous features for face detection using multiscale feature selection with binary particle swarm optimization. , 2011, , .		0
69	Object tracking under occlusions by hierarchical part matching. , 2011, , .		0
70	Failure to segregate emotional processing from cognitive and sensorimotor processing in major depression. Psychiatry Research - Neuroimaging, 2011, 193, 144-150.	1.8	20
71	Crystallization and morphology studies of biodegradable poly(Ïµâ€caprolactone)/polyhedral oligomeric silsesquioxanes nanocomposites. Polymer Engineering and Science, 2011, 51, 2159-2165.	3.1	36
72	Motion-decision based spatiotemporal saliency for video sequences. , 2011, , .		5

#	Article	IF	Citations
73	Efficient single-shot Z-shim EPI via spatial and temporal encoding. , 2011, , .		1
74	Notice of Retraction: Investigation and Safety Analysis of Ten Drinking Water Source Reservoirs in South China. , 2011, , .		0
75	Efficient Face Recognition Fusing Dynamic Morphological Quotient Image with Local Binary Pattern. Lecture Notes in Computer Science, 2011, , 228-235.	1.3	0
76	A Binary Particle Swarm Optimization and Support Vector Machine-based Algorithm for Object Detection. Dianzi Yu Xinxi Xuebao/Journal of Electronics and Information Technology, 2011, 33, 117-121.	0.1	0
77	Algorithm design and implementation of finite wavelet grow tree. Journal of Electronics, 2010, 27, 458-464.	0.2	0
78	Changes of brain activation pre- post short-term psychodynamic inpatient psychotherapy: An fMRI study of panic disorder patients. Psychiatry Research - Neuroimaging, 2010, 184, 96-104.	1.8	100
79	Context-based embedded image compression using binary wavelet transform. Image and Vision Computing, 2010, 28, 991-1002.	4.5	10
80	Parkinson's Disease Spatial Covariance Pattern: Noninvasive Quantification with Perfusion MRI. Journal of Cerebral Blood Flow and Metabolism, 2010, 30, 505-509.	4.3	90
81	Robust object detection scheme using feature selection. , 2010, , .		1
82	A binary wavelet-based scheme for grayscale image compression. , 2009, , .		1
83	Frontolimbic function and cortisol reactivity in response to emotional stimuli. NeuroReport, 2009, 20, 429-434.	1.2	43
84	Diurnal cortisol amplitude and fronto-limbic activity in response to stressful stimuli. Psychoneuroendocrinology, 2009, 34, 694-704.	2.7	52
85	Nonlinear cooperation of p53-ING1-induced bax expression and protein S-nitrosylation in GSNO-induced thymocyte apoptosis: a quantitative approach with cross-platform validation. Apoptosis: an International Journal on Programmed Cell Death, 2009, 14, 236-245.	4.9	5
86	Contourlet-based feature extraction for object recognition. , 2009, , .		1
87	Online real AdaBoost with co-training for object tracking. , 2009, , .		1
88	Hippocampal structural changes across the menstrual cycle. Hippocampus, 2008, 18, 985-988.	1.9	200
89	A fast and low memory image coding algorithm based on lifting wavelet transform and modified SPIHT. Signal Processing: Image Communication, 2008, 23, 146-161.	3.2	28
90	Toward a functional neuroanatomy of premenstrual dysphoric disorder. Journal of Affective Disorders, 2008, 108, 87-94.	4.1	116

#	Article	IF	Citations
91	Low-dose Propofol–induced Amnesia Is Not due to a Failure of Encoding. Anesthesiology, 2008, 109, 213-224.	2.5	32
92	Efficient Object Recognition Using Boundary Representation and Wavelet Neural Network. IEEE Transactions on Neural Networks, 2008, 19, 2132-2149.	4.2	45
93	Wavelet neural network for 2D object classification. Proceedings of the IEEE International Conference on Acoustics, Speech, and Signal Processing, 2008, , .	1.8	0
94	Efficient and low-complexity image coding with the lifting scheme and modified SPIHT. , 2008, , .		4
95	Failure of Frontolimbic Inhibitory Function in the Context of Negative Emotion in Borderline Personality Disorder. American Journal of Psychiatry, 2007, 164, 1832-1841.	7.2	333
96	Neural substrates of the interaction of emotional stimulus processing and motor inhibitory control: An emotional linguistic go/no-go fMRI study. NeuroImage, 2007, 36, 1026-1040.	4.2	186
97	Lossless image compression using binary wavelet transform. IET Image Processing, 2007, 1, 353.	2.5	25
98	Sex specificity of ventral anterior cingulate cortex suppression during a cognitive task. Human Brain Mapping, 2007, 28, 1206-1212.	3.6	19
99	A network approach to fMRI condition-dependent cognitive activation studies as applied to understanding sex differences. Clinical Neuroscience Research, 2007, 6, 391-398.	0.8	11
100	Sex differences in mental rotation: Top–down versus bottom–up processing. NeuroImage, 2006, 32, 445-456.	4.2	115
101	Lack of Ventral Striatal Response to Positive Stimuli in Depressed Versus Normal Subjects. American Journal of Psychiatry, 2006, 163, 1784-1790.	7.2	424
102	Increased brainstem volume in panic disorder: a voxel-based morphometric study. NeuroReport, 2006, 17, 361-363.	1.2	104
103	Fear-related activity in subgenual anterior cingulate differs between men and women. NeuroReport, 2005, 16, 1233-1236.	1.2	56
104	Predictive neural networks for gene expression data analysis. Neural Networks, 2005, 18, 297-306.	5.9	42
105	Exact and fast algorithm for two-dimensional image wavelet moments via the projection transform. Pattern Recognition, 2005, 38, 395-402.	8.1	8
106	Orbitofrontal cortex activity related to emotional processing changes across the menstrual cycle. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 16060-16065.	7.1	180
107	Top-Down Reorganization of Activity in the Visual Pathway after Learning a Shape Identification Task. Neuron, 2005, 46, 823-835.	8.1	172
108	Differential time courses and specificity of amygdala activity in posttraumatic stress disorder subjects and normal control subjects. Biological Psychiatry, 2005, 57, 464-473.	1.3	247

#	Article	IF	Citations
109	Towards personalised web intelligence. Knowledge and Information Systems, 2004, 6, 595-616.	3.2	65
110	Independent Component Analysis Based on Nonparametric Density Estimation. IEEE Transactions on Neural Networks, 2004, 15, 55-65.	4.2	143
111	Neuroimaging studies of fronto-limbic dysfunction in geriatric depression. Clinical Neuroscience Research, 2003, 2, 324-330.	0.8	8
112	Beyond Comonâ€™s Identifiability Theorem for Independent Component Analysis. Lecture Notes in Computer Science, 2002, , 1119-1124.	1.3	2
113	Hippocampal and Anterior Cingulate Activation Deficits in Patients With Geriatric Depression. American Journal of Psychiatry, 2001, 158, 1321-1323.	7.2	98
114	A CBF-Based Event-Related Brain Activation Paradigm: Characterization of Impulseâ€"Response Function and Comparison to BOLD. NeuroImage, 2000, 12, 287-297.	4.2	61