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	Lack of Ventral Striatal Response to Positive Stimuli in Depressed Versus Normal Subjects. American Journal of Psychiatry, 2006, 163, 1784-1790.	7.2	424
2	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
3	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
4	Hippocampal structural changes across the menstrual cycle. Hippocampus, 2008, 18, 985-988.	1.9	200
5	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
6	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
7	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
8	Top-Down Reorganization of Activity in the Visual Pathway after Learning a Shape Identification Task. Neuron, 2005, 46, 823-835.	8.1	172
9	Independent Component Analysis Based on Nonparametric Density Estimation. IEEE Transactions on Neural Networks, 2004, 15, 55-65.	4.2	143
10	Toward a functional neuroanatomy of premenstrual dysphoric disorder. Journal of Affective Disorders, 2008, 108, 87-94.	4.1	116
11	Sex differences in mental rotation: Top–down versus bottom–up processing. NeuroImage, 2006, 32, 445-456.	4.2	115
12	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
13	Time-Frequency-Based Data-Driven Structural Diagnosis and Damage Detection for Cable-Stayed Bridges. Journal of Bridge Engineering, 2018, 23, .	2.9	106
14	Increased brainstem volume in panic disorder: a voxel-based morphometric study. NeuroReport, 2006, 17, 361-363.	1.2	104
15	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
16	Hippocampal and Anterior Cingulate Activation Deficits in Patients With Geriatric Depression. American Journal of Psychiatry, 2001, 158, 1321-1323.	7.2	98
17	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
18	Differential activity of subgenual cingulate and brainstem in panic disorder and PTSD. Journal of Anxiety Disorders, 2011, 25, 251-257.	3.2	71

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19	Towards personalised web intelligence. Knowledge and Information Systems, 2004, 6, 595-616.	3.2	65
20	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
21	A CBF-Based Event-Related Brain Activation Paradigm: Characterization of Impulse–Response Function and Comparison to BOLD. NeuroImage, 2000, 12, 287-297.	4.2	61
22	Fear-related activity in subgenual anterior cingulate differs between men and women. NeuroReport, 2005, 16, 1233-1236.	1.2	56
23	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
24	Diurnal cortisol amplitude and fronto-limbic activity in response to stressful stimuli. Psychoneuroendocrinology, 2009, 34, 694-704.	2.7	52
25	Efficient Object Recognition Using Boundary Representation and Wavelet Neural Network. IEEE Transactions on Neural Networks, 2008, 19, 2132-2149.	4.2	45
26	Frontolimbic function and cortisol reactivity in response to emotional stimuli. NeuroReport, 2009, 20, 429-434.	1.2	43
27	Predictive neural networks for gene expression data analysis. Neural Networks, 2005, 18, 297-306.	5.9	42
28	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
29	Crystallization and morphology studies of biodegradable poly(ϵ‐caprolactone)/polyhedral oligomeric silsesquioxanes nanocomposites. Polymer Engineering and Science, 2011, 51, 2159-2165.	3.1	36
30	Machine Learning-Enriched Lamb Wave Approaches for Automated Damage Detection. Sensors, 2020, 20, 1790.	3.8	35
31	Efficient and accurate face detection using heterogeneous feature descriptors and feature selection. Computer Vision and Image Understanding, 2013, 117, 12-28.	4.7	34
32	Low-dose Propofol–induced Amnesia Is Not due to a Failure of Encoding. Anesthesiology, 2008, 109, 213-224.	2.5	32
33	Gray matter microglial activation in relapsing vs progressive MS. Neurology: Neuroimmunology and NeuroInflammation, 2019, 6, e587.	6.0	30
34	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
35	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
36	Functional neuroanatomy of the human eye movement network: a review and atlas. Brain Structure and Function, 2019, 224, 2603-2617.	2.3	28

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37	Comparative Study of Three Carbon Additives: Carbon Nanotubes, Graphene, and Fullerene-C60, for Synthesizing Enhanced Polymer Nanocomposites. Nanomaterials, 2020, 10, 838.	4.1	26
38	Lossless image compression using binary wavelet transform. IET Image Processing, 2007, 1, 353.	2.5	25
39	New and emerging imaging techniques for mapping brain circuitry. Brain Research Reviews, 2011, 67, 226-251.	9.0	25
40	Pixel-Level Fatigue Crack Segmentation in Large-Scale Images of Steel Structures Using an Encoderâ€"Decoder Network. Sensors, 2021, 21, 4135.	3.8	23
41	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
42	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
43	Failure to segregate emotional processing from cognitive and sensorimotor processing in major depression. Psychiatry Research - Neuroimaging, 2011, 193, 144-150.	1.8	20
44	<i>ortho</i>-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
45	Sex specificity of ventral anterior cingulate cortex suppression during a cognitive task. Human Brain Mapping, 2007, 28, 1206-1212.	3.6	19
46	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
47	Fault analysis of High Speed Train with DBN hierarchical ensemble. , 2016, , .		18
48	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
49	Improved semi-active control algorithm for hydraulic damper-based braced buildings. Structural Control and Health Monitoring, 2017, 24, e1991.	4.0	17
50	Multi-Scale Vehicle Detection in High-Resolution Aerial Images With Context Information. IEEE Access, 2020, 8, 208643-208657.	4.2	17
51	Language Universals Engage Broca's Area. PLoS ONE, 2014, 9, e95155.	2.5	16
52	Vibration-Based Support Vector Machine for Structural Health Monitoring. Lecture Notes in Civil Engineering, 2018, , 167-178.	0.4	15
53	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
54	Beyond the amygdala: Linguistic threat modulates peri-sylvian semantic access cortices. Brain and Language, 2015, 151, 12-22.	1.6	13

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55	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
56	Regional microglial activation in the substantia nigra is linked with fatigue in MS. Neurology: Neuroimmunology and NeuroInflammation, 2020, 7, .	6.0	12
57	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
58	Enabling Damage Identification of Structures Using Time Series–Based Feature Extraction Algorithms. Journal of Aerospace Engineering, 2019, 32, 04019014.	1.4	11
59	Data-driven structural diagnosis and conditional assessment: from shallow to deep learning. , 2018, , .		11
60	Context-based embedded image compression using binary wavelet transform. Image and Vision Computing, 2010, 28, 991-1002.	4.5	10
61	A genetics-motivated unsupervised model for tri-subject kinship verification. , 2016, , .		10
62	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
63	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
64	Neuroimaging studies of fronto-limbic dysfunction in geriatric depression. Clinical Neuroscience Research, 2003, 2, 324-330.	0.8	8
65	Exact and fast algorithm for two-dimensional image wavelet moments via the projection transform. Pattern Recognition, 2005, 38, 395-402.	8.1	8
66	Self-adaptive differential evolution with local search chains for real-parameter single-objective optimization. , 2014, , .		8
67	Reversible adsorption and separation of volatile aromatics based on a porous Cd(ii) MOF. CrystEngComm, 2015, 17, 8657-8663.	2.6	8
68	Nano-modified functional composite coatings for metallic structures: Part I-Electrochemical and barrier behavior. Surface and Coatings Technology, 2020, 401, 126286.	4.8	8
69	Investigation of self-adaptive differential evolution on the CEC-2013 real-parameter single-objective optimization testbed. , 2013, , .		7
70	Face Clustering in Photo Album. , 2014, , .		7
71	Robust road detection from a single image. , 2016, , .		7
72	Numerical Thermal Characterization and Performance Metrics of Building Envelopes Containing Phase Change Materials for Energy-Efficient Buildings. Sustainability, 2018, 10, 2657.	3.2	7

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73	Unsupervised Reinforcement Learning For Video Summarization Reward Function. , 2019, , .		7
74	Nano-modified functional composite coatings for metallic structures: Part IIâ€"Mechanical and damage tolerance. Surface and Coatings Technology, 2020, 401, 126274.	4.8	6
75	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
76	Motion-decision based spatiotemporal saliency for video sequences. , 2011, , .		5
77	An in-depth study of sparse codes on abnormality detection. , 2016, , .		5
78	Text-based indoor place recognition with deep neural network. Neurocomputing, 2020, 390, 239-247.	5.9	5
79	Place perception from the fusion of different image representation. Pattern Recognition, 2021, 110, 107680.	8.1	5
80	Efficient and low-complexity image coding with the lifting scheme and modified SPIHT. , 2008, , .		4
81	RF-powered battery-less Wireless Sensor Network. , 2016, , .		4
82	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
83	Fusing multi-feature representation and PSO-Adaboost based feature selection for reliable frontal face detection. , 2013, , .		3
84	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
85	Feature Extraction and Learning Using Context Cue and RÃ©nyi Entropy Based Mutual Information. Lecture Notes in Computer Science, 2015, , 69-88.	1.3	3
86	A method for z-shim compensated EPI-bold imaging in a single shot. , 2013, , .		2
87	Mining heterogeneous class-specific codebook for categorical object detection and classification. , 2013, , .		2
88	Image caption based on Visual Attention Mechanism. , 2019, , .		2
89	Abnormal semantic processing of threat words associated with excitement and hostility symptoms in schizophrenia. Schizophrenia Research, 2021, 228, 394-402.	2.0	2
90	Beyond Comonâ€™s Identifiability Theorem for Independent Component Analysis. Lecture Notes in Computer Science, 2002, , 1119-1124.	1.3	2

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91	Object Classification and Detection with Context Kernel Descriptors. Lecture Notes in Computer Science, 2014, , 827-835.	1.3	2
92	Adversarial Attacks on Kinship Verification using Transformer. , 2021, , .		2
93	A binary wavelet-based scheme for grayscale image compression. , 2009, , .		1
94	Contourlet-based feature extraction for object recognition. , 2009, , .		1
95	Online real AdaBoost with co-training for object tracking. , 2009, , .		1
96	Robust object detection scheme using feature selection. , 2010, , .		1
97	Efficient single-shot Z-shim EPI via spatial and temporal encoding. , 2011, , .		1
98	Object classification from RGB-D images using depth context kernel descriptors. , 2015, , .		1
99	Feature representation of RGB-D images using joint spatial-depth feature pooling. Pattern Recognition Letters, 2016, 80, 239-248.	4.2	1
100	RF-powered battery-less Wireless Sensor Network in structural monitoring. , 2016, , .		1
101	Electronic Structures, Stabilities, and Magnetism of SrTiO3 Monolayer and Ultrathin Nanotubes. Journal of Superconductivity and Novel Magnetism, 2021, 34, 2093-2104.	1.8	1
102	Random Forests for Object Detection. Lecture Notes in Electrical Engineering, 2015, , 267-274.	0.4	1
103	Wavelet neural network for 2D object classification. Proceedings of the IEEE International Conference on Acoustics, Speech, and Signal Processing, 2008, , .	1.8	0
104	Algorithm design and implementation of finite wavelet grow tree. Journal of Electronics, 2010, 27, 458-464.	0.2	0
105	Combining heterogeneous features for face detection using multiscale feature selection with binary particle swarm optimization. , 2011, , .		0
106	Object tracking under occlusions by hierarchical part matching. , 2011, , .		0
107	Notice of Retraction: Investigation and Safety Analysis of Ten Drinking Water Source Reservoirs in South China. , 2011, , .		0
108	Airport Flying Birds Localization with Bistatic Cameras. , 2018, , .		0

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109	Foreground Extraction of Surveillance Video Under Complex Background. , 2018, , .		0
110	Aircraft recognition in remote sensing images based on deep learning. , 2018, , .		0
111	Efficient Face Recognition Fusing Dynamic Morphological Quotient Image with Local Binary Pattern. Lecture Notes in Computer Science, 2011, , 228-235.	1.3	0
112	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
113	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
114	Joint Spatial-Depth Feature Pooling for RGB-D Object Classification. Lecture Notes in Computer Science, 2015, , 314-326.	1.3	0