

# Wen-Hung Liao

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2960546/publications.pdf>

Version: 2024-02-01

40  
papers

553  
citations

1684188

5  
h-index

1281871

11  
g-index

44  
all docs

44  
docs citations

44  
times ranked

717  
citing authors

#	ARTICLE	IF	CITATIONS
1	The CAFA challenge reports improved protein function prediction and new functional annotations for hundreds of genes through experimental screens. <i>Genome Biology</i> , 2019, 20, 244.	8.8	261
2	Region Description Using Extended Local Ternary Patterns. , 2010, , .		53
3	Video-based activity and movement pattern analysis in overnight sleep studies. , 2008, , .		50
4	Experimental Study on Extreme Learning Machine Applications for Speech Enhancement. <i>IEEE Access</i> , 2017, 5, 25542-25554.	4.2	38
5	Texture Classification Using Uniform Extended Local Ternary Patterns. , 2010, , .		20
6	Classification of non-speech human sounds: Feature selection and snoring sound analysis. , 2009, , .		16
7	Sleep monitoring system in real bedroom environment using texture-based background modeling approaches. <i>Journal of Ambient Intelligence and Humanized Computing</i> , 2013, 4, 57-66.	4.9	15
8	Ensemble Hierarchical Extreme Learning Machine for Speech Dereverberation. <i>IEEE Transactions on Cognitive and Developmental Systems</i> , 2020, 12, 744-758.	3.8	11
9	Generation of 3D Caricature by Fusing Caricature Images. , 2006, , .		9
10	Embedding information within dynamic visual patterns. , 0, , .		7
11	A Captcha Mechanism By Exchange Image Blocks. , 2006, , .		6
12	Cooperative matching paradigm for the analysis of stereo image sequences. <i>International Journal of Imaging Systems and Technology</i> , 1998, 9, 192-200.	4.1	5
13	Classification of Audio Signals in All-Night Sleep Studies. , 2006, , .		5
14	Classification of Reading Patterns Based on Gaze Information. , 2017, , .		5
15	Reconstruction of dynamic 3-D structures of biological objects using stereo microscopy. , 0, , .		4
16	Homomorphic processing techniques for near-infrared images. , 0, , .		4
17	Analyzing Social Network Data Using Deep Neural Networks: A Case Study Using Twitter Posts. , 2019, , .		4
18	Estimation of Skin Color Range Using Achromatic Features. , 2008, , .		3

#	ARTICLE	IF	CITATIONS
19	Pedestrian Detection Using Covariance Descriptor and On-line Learning. , 2011, , .		3
20	Analysis of Learning Patterns and Performanceâ€™A Case Study of 3-D Modeling Lessons in the K-12 Classrooms. IEEE Access, 2020, 8, 186976-186992.	4.2	3
21	Curve and surface interpolation using rational radial basis functions. , 1996, , .		2
22	Analysis and Interpretation of e-Reader User Logs: A Case Study of High School Students' User Behaviors. , 2011, , .		2
23	Incorporating Fuzziness in Extended Local Ternary Patterns. , 2012, , .		2
24	Evaluation of Interactive Data Visualization Tools Based on Gaze and Mouse Tracking. , 2016, , .		2
25	GODoc: high-throughput protein function prediction using novel k-nearest-neighbor and voting algorithms. BMC Bioinformatics, 2020, 21, 276.	2.6	2
26	A framework for attention-based personal photo manager. , 2009, , .		1
27	Facilitating high school campus learning with e-book readers. , 2010, , .		1
28	Streaming audio classification in Smart Home environments. , 2011, , .		1
29	A Sharpness Measure for Image Quality Assessment Using Average Effective Number of Neighbors. , 2013, , .		1
30	Evaluation of Student's 3D Modeling Capability Based on Model Completeness and Usage Pattern in K-12 Classrooms. , 2018, , .		1
31	Audio-Visual Speech Enhancement using Hierarchical Extreme Learning Machine. , 2019, , .		1
32	Toward Automatic Recognition of Cursive Chinese Calligraphy : An Open Dataset For Cursive Chinese Calligraphy Text*. , 2020, , .		1
33	Automatic Generation of Caricatures with Multiple Expressions Using Transformative Approach. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2010, , 263-271.	0.3	1
34	Robust pupil detection for gaze-based user interface. , 2010, , .		0
35	Feature Description Using Center-Symmetric Extended Local Ternary Patterns. , 2014, , .		0
36	Feature descriptor based on local intensity order relations of pixel group. , 2016, , .		0

#	ARTICLE	IF	CITATIONS
37	Exploring the Reading Experiences of High School Students on E-Book Reader. International Journal of Online Pedagogy and Course Design, 2013, 3, 17-32.	0.4	0
38	Analysis of left ventricular motion. Lecture Notes in Computer Science, 1996, , 43-58.	1.3	0
39	Applying Deep Convolutional Neural Network to Cursive Chinese Calligraphy Recognition. Communications in Computer and Information Science, 2019, , 646-653.	0.5	0
40	Analysis of Voice Styles Using i-Vector Features. Communications in Computer and Information Science, 2019, , 636-645.	0.5	0