

# Jan-Ray Liao

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6142309/publications.pdf>

Version: 2024-02-01

25  
papers

721  
citations

840776

11  
h-index

839539

18  
g-index

25  
all docs

25  
docs citations

25  
times ranked

825  
citing authors

#	ARTICLE	IF	CITATIONS
1	Neuronal Specificity of Acupuncture Response: A fMRI Study with Electroacupuncture. <i>NeuroImage</i> , 2002, 16, 1028-1037.	4.2	258
2	Reduction of motion artifacts in cine MRI using variable-density spiral trajectories. <i>Magnetic Resonance in Medicine</i> , 1997, 37, 569-575.	3.0	101
3	Fast K-means algorithm based on a level histogram for image retrieval. <i>Expert Systems With Applications</i> , 2014, 41, 3276-3283.	7.6	66
4	VBM Reveals Brain Volume Differences between Parkinson's Disease and Essential Tremor Patients. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 247.	2.0	55
5	Analytical solutions for frequency estimators by interpolation of DFT coefficients. <i>Signal Processing</i> , 2014, 100, 93-100.	3.7	44
6	Gender differences in the structural connectome of the teenage brain revealed by generalized q-sampling MRI. <i>NeuroImage: Clinical</i> , 2017, 15, 376-382.	2.7	38
7	Phase correction of discrete Fourier transform coefficients to reduce frequency estimation bias of single tone complex sinusoid. <i>Signal Processing</i> , 2014, 94, 108-117.	3.7	34
8	3D reconstruction and face recognition using kernel-based ICA and neural networks. <i>Expert Systems With Applications</i> , 2011, 38, 5406-5415.	7.6	24
9	Carryover Effects Alter fMRI Statistical Analysis in an Acupuncture Study. <i>The American Journal of Chinese Medicine</i> , 2008, 36, 55-70.	3.8	23
10	Cine Spiral Imaging. <i>Magnetic Resonance in Medicine</i> , 1995, 34, 490-493.	3.0	20
11	MRI using piecewise-linear spiral trajectory. <i>Magnetic Resonance in Medicine</i> , 1997, 38, 246-252.	3.0	16
12	Theoretical Bounds of Direct Binary Search Halftoning. <i>IEEE Transactions on Image Processing</i> , 2015, 24, 3478-3487.	9.8	9
13	Longest queue first in round-robin matching for input-queued switches. , 2010, , .		5
14	Analytical solution of DFT interpolated frequency estimator for Hanning windowed signal. , 2015, , .		5
15	Efficient Implementation of Non-Local Means Image Denoising Algorithm. , 2019, , .		4
16	A Robust Two-Machine Flow-Shop Scheduling Model with Scenario-Dependent Processing Times. <i>Discrete Dynamics in Nature and Society</i> , 2020, 2020, 1-16.	0.9	4
17	Analysis and reduction of estimation bias for an iterative frequency estimator of complex sinusoid. , 2013, , .		3
18	Noise shaping for direct binary search image halftoning. <i>Journal of Electronic Imaging</i> , 2020, 29, 1.	0.9	3

#	ARTICLE	IF	CITATIONS
19	Platform-independent image reconstruction for spiral magnetic resonance imaging. Computer Methods and Programs in Biomedicine, 2002, 67, 155-162.	4.7	2
20	Analysis of Estimation Bias for Direct Frequency Estimators of Complex Sinusoid. , 2013, , .		2
21	Index compression for vector quantization using principal index-pattern coding algorithm. Journal of Electronic Imaging, 2014, 23, 043015.	0.9	2
22	Direct PCF. , 2009, , .		1
23	Three-dimensional elliptical reconstruction for stereoscopic magnetic resonance angiography. Computerized Medical Imaging and Graphics, 2012, 36, 271-280.	5.8	1
24	Two Parallel-Machine Scheduling Problems with Function Constraint. Discrete Dynamics in Nature and Society, 2020, 2020, 1-6.	0.9	1
25	Accelerating Fourier volume rendering by polar coordinate data representation. Computer Methods and Programs in Biomedicine, 2012, 108, 984-992.	4.7	0