Dale H Mugler

List of Publications by Year
in descending order

29	208	1307594	1199594
papers	citations	7	12
		h-index	g-index

30	30	30	192
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Smartphone microendoscopy for high resolution fluorescence imaging. Journal of Innovative Optical Health Sciences, 2016, 09, 1650046.	1.0	13
2	Algebraic integer architecture with minimum adder count for the 2-D Daubechies 4-tap filters banks. Multidimensional Systems and Signal Processing, 2014, 25, 829-845.	2.6	2
3	Low-complexity algorithms for spatio-temporal directional spectrum sensing with applications in cognitive radio. , 2013, , .		0
4	VLSI Architectures for the 4-Tap and 6-Tap 2-D Daubechies Wavelet Filters Using Algebraic Integers. IEEE Transactions on Circuits and Systems I: Regular Papers, 2013, 60, 1455-1468.	5.4	16
5	Blind structural similarity estimation of digital images using quantized discrete cosine transform coefficients. Measurement Science and Technology, 2013, 24, 074019.	2.6	4
6	Multiscale Signal Processing with Discrete Hermite Functions. , 2013, , 257-274.		3
7	The iterative shrinkage method for impulsive noise reduction from images. Measurement Science and Technology, 2012, 23, 114009.	2.6	4
8	Error-free VLSI architecture for the 2-D Daubechies 4-tap filter using algebraic integers. , 2012, , .		2
9	An asynchronous array architecture for 16 × 1 DCT-4/DST-4 on a 65nm Achronix SPD60 FPGA. , 2011, , .		0
10	The Centered Discrete Fourier Transform and a parallel implementation of the FFT. , 2011, , .		5
11	A gene selection method for classifying cancer samples using 1D discrete wavelet transform. International Journal of Computational Biology and Drug Design, 2009, 2, 398.	0.3	6
12	Ballistocardiogram Artifact Removal in EEG-fMRI Signals Using Discrete Hermite Transforms. IEEE Journal on Selected Topics in Signal Processing, 2008, 2, 839-853.	10.8	23
13	Adaptive filtering of ballistocardiogram artifact from EEG signals using the dilated discrete hermite transform. , 2008, 2008, 2630-3.		3
14	A weighted k-nearest neighbor method for gene ontology based protein function prediction. , 2007, , .		20
15	A Weighted k-Nearest Neighbor Method for Gene Ontology BasedProtein Function Prediction. , 2007, , .		0
16	Real time monitoring of ischemic changes in electrocardiograms using discrete Hermite functions. , 2004, 2006, 438-41.		7
17	A Robust DSP Integrator for Accelerometer Signals. IEEE Transactions on Biomedical Engineering, 2004, 51, 385-389.	4.2	7
18	Shifted Fourier Matrices and Their Tridiagonal Commutors. SIAM Journal on Matrix Analysis and Applications, 2003, 24, 809-821.	1.4	40

#	ARTICLE	IF	CITATIONS
19	An integrator for time-dependent systems with oscillatory behavior. Computer Methods in Applied Mechanics and Engineering, 1999, 171, 25-41.	6.6	3
20	Acceleration Detection by Vestibular Hair Cells: Hair Bundles as Spatially Distributed Phased-Array Antennas. Annals of the New York Academy of Sciences, 1992, 656, 947-949.	3.8	0
21	Computationally efficient linear prediction from past samples of a band-limited signal and its derivative. IEEE Transactions on Information Theory, 1990, 36, 589-596.	2.4	8
22	Toward modeling a dynamic biological neural network. Mathematical and Computer Modelling, 1990, 13, 97-105.	2.0	5
23	Fast fourier transform method for partial differential equations, case study: The 2-D diffusion equation. Computers and Mathematics With Applications, 1988, 16, 221-228.	2.7	11
24	Linear prediction from samples of a function and its derivatives. IEEE Transactions on Information Theory, 1987, 33, 360-366.	2.4	6
25	Difference Methods and Round-off Error Bounds for the Prediction of Bandlimited Functions from Past Samples. Frequenz, 1985, 39, .	0.9	6
26	Generalized Cauchy formulas and numerical differentiation. Journal of Mathematical Analysis and Applications, 1982, 85, 347-359.	1.0	1
27	The discrete Paley-Wiener theorem. Journal of Mathematical Analysis and Applications, 1980, 75, 172-179.	1.0	2
28	Convolution, differential equations, and entire functions of exponential type. Transactions of the American Mathematical Society, 1976, 216, 145-145.	0.9	8
29	The Evolution of Hermite Transform in Biomedical Applications. Advances in Bioinformatics and Biomedical Engineering Book Series, 0, , 260-278.	0.4	3