

M F Fahmy

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

41
papers

144
citations

6
h-index

10
g-index

46
ext. papers

188
ext. citations

1.9
avg, IF

2.33
L-index

#	Paper	IF	Citations
41	A new image denoising technique using orthogonal complex wavelets 2018 ,		1
40	Video magnification technique based on a new orthogonal complex wavelet Decomposition 2018 ,		1
39	A new morphological based forgery detection scheme 2016 ,		1
38	An enhanced denoising technique using dual tree complex wavelet transform 2016 ,		4
37	A natural preserving transform based forgery detection scheme 2015 ,		1
36	A novel scheme for fingerprint enhancement 2014 ,		1
35	Exponential spline perfect reconstruction, decomposition and reconstruction with applications in compression and denoising. <i>Signal, Image and Video Processing</i> , 2014 , 8, 1111-1120	1.6	4
34	A new total variation based image denoising and deblurring technique 2013 ,		3
33	E-spline analysis for de-noising and wavelet compression applications 2013 ,		1
32	A fingerprint segmentation technique based on Morphological processing 2013 ,		14
31	C23. An enhanced fast Iterative Blind Deconvolution algorithm for noiseless and noisy images 2012 ,		2
30	C12. Image compression using exponential B-spline functions 2012 ,		2
29	B-spline wavelets for signal denoising and image compression. <i>Signal, Image and Video Processing</i> , 2011 , 5, 141-153	1.6	15
28	A Fast Iterative Blind image restoration algorithm 2011 ,		2
27	Watermarking Via Bspline Expansion and Natural Preserving Transforms 2008 ,		1
26	Denoising and Image Compression Using Bspline Wavelets 2008 ,		1
25	A Fast B_Spline Based Algorithm for Image Zooming and Compression 2007 ,		1

24	A fast second-order signal separation algorithms with on-line capabilities. <i>International Journal of Circuit Theory and Applications</i> , 2002 , 30, 425-439	2	0
23	On the design of two channel perfect construction QMF filters. <i>International Journal of Circuit Theory and Applications</i> , 2000 , 28, 209-224	2	4
22	Signal separation using second- and high-order statistics. <i>International Journal of Circuit Theory and Applications</i> , 2000 , 28, 225-243	2	2
21	Iterative design of two-channel IIR perfect construction QMG filters. <i>International Journal of Circuit Theory and Applications</i> , 1998 , 26, 453-462	2	3
20	Synthesis of IIR digital filters exhibiting simultaneous amplitude and phase responses for VLSI implementations. <i>International Journal of Circuit Theory and Applications</i> , 1997 , 25, 1-14	2	2
19	Synthesis of low-sensitivity orthogonal digital filters. <i>International Journal of Circuit Theory and Applications</i> , 1997 , 25, 503-520	2	2
18	Synthesis of fixed point limit-cycle-free digital filters with low roundoff noise. <i>International Journal of Circuit Theory and Applications</i> , 1995 , 23, 253-255	2	1
17	A recursive least squares algorithm for an orthogonal iir adaptive line enhancer. <i>International Journal of Circuit Theory and Applications</i> , 1995 , 23, 501-514	2	1
16	Design of fixed point state space digital filters with low round-off noise. <i>International Journal of Circuit Theory and Applications</i> , 1994 , 22, 3-13	2	3
15	Design of two-dimensional scaled state space filters with fixed point arithmetic. <i>International Journal of Circuit Theory and Applications</i> , 1994 , 22, 467-477	2	2
14	System identification using discrete orthogonal functions. <i>International Journal of Circuit Theory and Applications</i> , 1993 , 21, 317-329	2	4
13	Time domain analysis and design of multirate wave digital filters. <i>International Journal of Circuit Theory and Applications</i> , 1991 , 19, 145-160	2	1
12	Low-sensitivity SC realization of brune and C-type reactance sections. <i>International Journal of Circuit Theory and Applications</i> , 1991 , 19, 459-470	2	2
11	Design of odd-degree linear-phase sampled-data bandpass filters with equiripple amplitude response. <i>International Journal of Circuit Theory and Applications</i> , 1989 , 17, 87-101	2	2
10	Double sided Padé approximants and the stability of recursive digital filters. <i>International Journal of Circuit Theory and Applications</i> , 1981 , 9, 355-360	2	
9	Selective constant delay filters with chebyshev passband amplitude response. <i>International Journal of Circuit Theory and Applications</i> , 1980 , 8, 190-195	2	2
8	The use of Padé approximants in the derivation of distributed low-pass filters with simultaneous flat amplitude and delay characteristics. <i>International Journal of Circuit Theory and Applications</i> , 1980 , 8, 197-204	2	4
7	Transfer functions with arbitrary phase characteristics. <i>International Journal of Circuit Theory and Applications</i> , 1979 , 7, 21-29	2	4

6	Generalized bessel polynomials with application to the design of bandpass filters with approximately flat group delay response. <i>International Journal of Circuit Theory and Applications</i> , 1977 , 5, 337-342	2	1
5	On the problem of filters with arbitrary amplitude and phase constraints. <i>International Journal of Circuit Theory and Applications</i> , 1977 , 5, 93-101	2	4
4	Maximally flat non-recursive digital filters. <i>International Journal of Circuit Theory and Applications</i> , 1976 , 4, 311-313	2	14
3	Finite band approximation for distributed and digital selective linear phase transfer functions. <i>International Journal of Circuit Theory and Applications</i> , 1975 , 3, 57-70	2	15
2	Digital realization of c and d-type sections. <i>International Journal of Circuit Theory and Applications</i> , 1975 , 3, 395-402	2	7
1	The equidistant linear phase polynomial for distributed and digital networks. <i>International Journal of Circuit Theory and Applications</i> , 1974 , 2, 341-351	2	9