Amir Geranmayeh

List of Publications by Year
in descending order

19 papers	**193** citations	1478505 **6** h-index
1372567 **10** g-index		

20 all docs	**20** docs citations	**20** times ranked	**173** citing authors

#	Article	IF	Citations
1	Laguerre–Galerkin methods with reduced sum-products. Applied Mathematical Modelling, 2016, 40, 6267-6279.	4.2	3
2	Convolution quadrature methods for 3D EM wave scattering analysis. Engineering Analysis With Boundary Elements, 2014, 43, 50-55.	3.7	0
3	Towards designing modular recurrent neural networks in learning protein secondary structures. Expert Systems With Applications, 2012, 39, 6263-6274.	7.6	14
4	1/R2-Kernel cancelation in classical marching-on-in-time schemes. , 2011, , .		0
5	Protein secondary structure prediction using modular reciprocal bidirectional recurrent neural networks. Computer Methods and Programs in Biomedicine, 2010, 100, 237-247.	4.7	25
6	Finite difference delay modeling of potential time integrals. , 2010, , .		1
7	Space-FFT-accelerated marching-on-in-degree methods for finite periodic structures. International Journal of Microwave and Wireless Technologies, 2009, 1, 331-337.	1.9	6
8	Symplectic time integration methods for retarded potential integral equations. Digest / IEEE Antennas and Propagation Society International Symposium, 2009, , .	0.0	1
9	Heart sound reproduction based on neural network classification of cardiac valve disorders using wavelet transforms of PCG signals. Computers in Biology and Medicine, 2009, 39, 8-15.	7.0	82
10	Temporal discretization choices for stable boundary element methods in electromagnetic scattering problems. Applied Numerical Mathematics, 2009, 59, 2751-2773.	2.1	16
11	Toeplitz property on order indices of Laguerre expansion methods. , 2009, , .		2
12	Pruning neural networks for protein secondary structure prediction. , 2008, , .		3
13	FFT Accelerated Marching-on-in-Order Methods. , 2008, , .		5
14	Proper Combination of Integrators and Interpolators for Stable Marching-on-in-Time Schemes. , 2007, , .		7
15	Survey of Temporal Basis Functions for Integral Equation Methods. , 2007, , .		6
16	On the use of piecewise linear wavelets for fast construction of sparsified moment matrices in solving the thin-wire EFIE. Engineering Analysis With Boundary Elements, 2006, 30, 869-881.	3.7	1
17	Numerical Simulation of Electromagnetic Fields Radiated by Lightning Return Stroke Channels: A Wavelet-Based Approach. IEEE Transactions on Electromagnetic Compatibility, 2006, 48, 225-233.	2.2	10
18	A fast wavelet-based moment method for solving thin-wire EFIE. IEEE Transactions on Magnetics, 2006, 42, 575-578.	2.1	8

#	Article	IF	Citations
19	Fast Construction of Wavelet-Based Moment Matrices in Solving Thin-Wire Electric Field Integral Equations. , 0, , .		3