

S Sundar

List of Publications by Year in descending order

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32
papers

178
citations

1163117

8
h-index

1125743

13
g-index

34
all docs

34
docs citations

34
times ranked

147
citing authors

#	ARTICLE	IF	CITATIONS
1	Fractional lower-order covariance (FLOC)-based estimation for multidimensional PAR(1) model with α -stable noise. International Journal of Advances in Engineering Sciences and Applied Mathematics, 2021, 13, 215.	1.1	0
2	The covariation-based Yule-Walker method for multidimensional autoregressive time series with α -stable distributed noise. International Journal of Advances in Engineering Sciences and Applied Mathematics, 2021, 13, 394-414.	1.1	5
3	Measures of Cross-Dependence for Bidimensional Periodic AR(1) Model with α -Stable Distribution. Journal of Time Series Analysis, 2020, 41, 785-807.	1.2	7
4	Preface on the special issue: α -PDE: models, optimization and numerics. International Journal of Advances in Engineering Sciences and Applied Mathematics, 2019, 11, 173-173.	1.1	0
5	Differentiation of EMCI in sMR images using segmented brainstem multifractal texture measures. Electronics Letters, 2019, 55, 1213-1214.	1.0	2
6	Characterization of Alzheimer conditions in MR images using volumetric and sagittal brainstem texture features. Computer Methods and Programs in Biomedicine, 2019, 173, 147-155.	4.7	9
7	A Finite Pointset Method for Biharmonic Equation Based on Mixed Formulation. International Journal of Computational Methods, 2018, 15, 1850068.	1.3	3
8	Discriminating between scaled and fractional Brownian motion via p-variation statistics. International Journal of Advances in Engineering Sciences and Applied Mathematics, 2018, 10, 9-14.	1.1	2
9	Preface for the special issue: modeling, optimization and simulation. International Journal of Advances in Engineering Sciences and Applied Mathematics, 2018, 10, 1-1.	1.1	0
10	Fractional Brownian motion time-changed by gamma and inverse gamma process. Physica A: Statistical Mechanics and Its Applications, 2017, 468, 648-667.	2.6	23
11	Special issue on PDE models and computation: part IV. International Journal of Advances in Engineering Sciences and Applied Mathematics, 2016, 8, 239-239.	1.1	0
12	On a generalized 5 \times 5 stencil scheme for nonlinear diffusion filtering. International Journal of Advances in Engineering Sciences and Applied Mathematics, 2016, 8, 194-206.	1.1	2
13	Special issue on α -PDE models and computation. International Journal of Advances in Engineering Sciences and Applied Mathematics, 2015, 7, 1-1.	1.1	1
14	Computation of transmission coefficients in the plain and corrugated electro-magnetic waveguides using finite point set method. Applied Mathematical Modelling, 2014, 38, 1838-1845.	4.2	0
15	Axi symmetric 2D simulation and numerical heat transfer characteristics for the calibration furnace in a rectangular enclosure. Applied Mathematical Modelling, 2012, 36, 878-893.	4.2	1
16	On parallelization and load balancing aspects of the finite-pointset method. International Journal of Computer Mathematics, 2011, 88, 360-374.	1.8	1
17	Recursive formulation of the matrix Pad \hat{c} approximation in packed storage. Computers and Mathematics With Applications, 2010, 59, 1532-1540.	2.7	1
18	Optimal control of film casting processes. International Journal for Numerical Methods in Fluids, 2009, 59, 1111-1124.	1.6	10

#	ARTICLE	IF	CITATIONS
19	Optimal die shape for film casting. Applied Mathematics Letters, 2009, 22, 1598-1603.	2.7	1
20	Asymptotic analysis of extrapolation boundary conditions for LBM. Computers and Mathematics With Applications, 2009, 57, 1313-1323.	2.7	5
21	Study of Heat Flow through Highly Porous Heat Insulators. Studies in Applied Mathematics, 2007, 118, 1-15.	2.4	2
22	Understanding the porosity dependence of heat flux through glass fiber insulation. Mathematical and Computer Modelling, 2006, 43, 485-492.	2.0	11
23	Newton-preconditioned Krylov subspace solvers for system of nonlinear equations: A numerical experiment. Applied Mathematics Letters, 2001, 14, 195-200.	2.7	7
24	Generalized eigenvalue problems: Lanczos algorithm with a recursive partitioning method. Computers and Mathematics With Applications, 2000, 39, 211-224.	2.7	10
25	Computing eigenvalues: Lanczos algorithm with a new recursive partitioning method. Computers and Mathematics With Applications, 1999, 38, 99-107.	2.7	3
26	Comparison of Lanczos and CGS solvers for solving numerical heat transfer problems. Computers and Mathematics With Applications, 1999, 37, 107-117.	2.7	4
27	Comparison of Krylov subspace methods with preconditioning techniques for solving boundary value problems. Computers and Mathematics With Applications, 1999, 38, 197-206.	2.7	20
28	Mode locking for an externally excited droplet. Computers and Mathematics With Applications, 1997, 33, 21-33.	2.7	5
29	Two shock interaction using new theory of shock dynamics. Computers and Mathematics With Applications, 1994, 28, 37-47.	2.7	1
30	Long time behaviour of the solution of a system of equations from new theory of shock dynamics. Computers and Mathematics With Applications, 1994, 27, 91-104.	2.7	29
31	A recursive algorithm for matrix Padé approximants—the divide-and-conquer approach. Computers and Mathematics With Applications, 1989, 17, 1359-1367.	2.7	0
32	A new application of the extended Euclidean algorithm for matrix Padé approximants. Computers and Mathematics With Applications, 1988, 16, 287-296.	2.7	4