Rashad Mudhish Asharabi

List of Publications by Year
in descending order

26	167	1039406 9	1199166 12
papers	citations	h-index	g-index

26	26	26	32
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	On Sinc-Based Method in Computing Eigenvalues of Boundary-Value Problems. SIAM Journal on Numerical Analysis, 2008, 46, 671-690.	1.1	24
2	A Modification of Hermite Sampling with a Gaussian Multiplier. Numerical Functional Analysis and Optimization, 2015, 36, 419-437.	0.6	17
3	ERROR ANALYSIS ASSOCIATED WITH UNIFORM HERMITE INTERPOLATIONS OF BANDLIMITED FUNCTIONS. Journal of the Korean Mathematical Society, 2010, 47, 1299-1316.	0.4	15
4	Truncation, amplitude, and jitter errors on <mml:math altimg="si4.gif" display="inline" overflow="scroll" xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" xmlns:sb="http://www.elsevier.com/xml/co	0.5	14
5	On two-dimensional classical and Hermite sampling. IMA Journal of Numerical Analysis, 2016, 36, 851-871.	1.5	14
6	Generalized sinc-Gaussian sampling involving derivatives. Numerical Algorithms, 2016, 73, 1055-1072.	1.1	12
7	Exact evaluations of finite trigonometric sums by sampling theorems. Acta Mathematica Scientia, 2011, 31, 408-418.	0.5	11
8	Computing eigenvalues of Sturmâ€“Liouville problems by Hermite interpolations. Numerical Algorithms, 2012, 60, 355-367.	1.1	11
9	Approximating eigenvalues of discontinuous problems by sampling theorems. Journal of Numerical Mathematics, 2008, 16, .	1.8	10
10	Error estimates associated with sampling series of the linear canonical transforms. IMA Journal of Numerical Analysis, 2015, 35, 931-946.	1.5	9
11	Bounds for truncation and perturbation errors of nonuniform sampling series. BIT Numerical Mathematics, 2016, 56, 807-832.	1.0	4
12	Approximating eigenvalues of Dirac system with discontinuities at several points using Hermite-Gauss method. Numerical Algorithms, 2017, 76, 655-673.	1.1	4
13	Generalized bivariate Hermiteâ€“Gauss sampling. Computational and Applied Mathematics, 2019, 38, 1.	1.0	4
14	Derivative Sampling Expansions for the Linear Canonical Transform: Convergence and Error Analysis. Journal of Computational Mathematics, 2019, 37, 403-418.	0.2	4
15	The use of the sinc-Gaussian sampling formula for approximating the derivatives of analytic functions. Numerical Algorithms, 2019, 81, 293-312.	1.1	3
16	A Hermite-Gauss method for the approximation of eigenvalues of regular Sturm-Liouville problems. Journal of Inequalities and Applications, 2016, 2016, .	0.5	2
17	Truncation error estimates for generalized Hermite sampling. Numerical Algorithms, 2017, 74, 481-497.	1.1	2
18	A bivariate sampling series involving mixed partial derivatives. Turkish Journal of Mathematics, 2017, 41, 387-403.	0.3	2

#	Article	IF	Citations
19	Sinc-interpolants in the energy plane for regular solution, Jost function, and its zeros of quantum scattering. Journal of Mathematical Physics, 2018, 59, 013502.	0.5	1
20	Double sampling derivatives and truncation error estimates. Applied Mathematics, 2018, 33, 209-224.	0.6	1
21	A sinc-Gaussian solver for general second order discontinuous problems. Japan Journal of Industrial and Applied Mathematics, 2018, 35, 653-668.	0.5	1
22	Accurate sampling formula for approximating the partial derivatives of bivariate analytic functions. Numerical Algorithms, 2021, 86, 1421-1441.	1.1	1
23	The use of the generalized sinc-Gaussian sampling for numerically computing eigenvalues of periodic Dirac system. Electronic Transactions on Numerical Analysis, 0, 48, 373-386.	0.0	1
24	Multiband sampling theorems for Mittag-Leffler transforms bandlimited on rays. Integral Transforms and Special Functions, 2017, 28, 732-750.	0.8	0
25	Error analysis for regularized multidimensional sampling expansions. Electronic Transactions on Numerical Analysis, 0, 52, 320-341.	0.0	0
26	Computing eigenpairs of two-parameter Sturm-Liouville systems using the bivariate sinc-Gauss formula. Communications on Pure and Applied Analysis, 2020, 19, 4143-4158.	0.4	0