Ali Murid

List of Publications by Year
in descending order

23 papers	200 citations	1163117 8 h-index	1058476 14 g-index
24 all docs	24 docs citations	24 times ranked	50 citing authors

#	Article	IF	Citations
1	The Riemann–Hilbert problem and the generalized Neumann kernel. Journal of Computational and Applied Mathematics, 2005, 182, 388-415.	2.0	38
2	Boundary integral equations with the generalized Neumann kernel for Laplace's equation in multiply connected regions. Applied Mathematics and Computation, 2011, 217, 4710-4727.	2.2	38
3	A boundary integral method for the Riemann–Hilbert problem in domains with corners. Complex Variables and Elliptic Equations, 2008, 53, 989-1008.	0.8	22
4	Explicit methods in solving stiff ordinary differential equations. International Journal of Computer Mathematics, 2004, 81, 1407-1415.	1.8	16
5	Circular Slits Map of Bounded Multiply Connected Regions. Abstract and Applied Analysis, 2012, 2012, 1-26.	0.7	11
6	Linear integral equations for conformal mapping of bounded multiply connected regions onto a disk with circular slits. Applied Mathematics and Computation, 2011, , .	2.2	10
7	Numerical conformal mapping and its inverse of unbounded multiply connected regions onto logarithmic spiral slit regions and straight slit regions. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2014, 470, 20130514.	2.1	10
8	Parallel slits map of bounded multiply connected regions. Journal of Mathematical Analysis and Applications, 2012, 389, 1280-1290.	1.0	8
9	Radial Slit Maps of Bounded Multiply Connected Regions. Journal of Scientific Computing, 2013, 55, 309-326.	2.3	8
10	Numerical conformal mapping via the Bergman kernel. Journal of Computational and Applied Mathematics, 1997, 82, 333-350.	2.0	7
11	A fast computational method for potential flows in multiply connected coastal domains. Japan Journal of Industrial and Applied Mathematics, 2015, 32, 205-236.	0.9	7
12	A Boundary Integral Equation with the Generalized Neumann Kernel for a Certain Class of Mixed Boundary Value Problem. Journal of Applied Mathematics, 2012, 2012, 1-17.	0.9	6
13	A boundary integral equation with the generalized Neumann kernel for a mixed boundary value problem in unbounded multiply connected regions. Boundary Value Problems, 2013, 2013, 54.	0.7	5
14	Conformal Mapping of Unbounded Multiply Connected Regions onto Canonical Slit Regions. Abstract and Applied Analysis, 2012, 2012, 1-29.	0.7	4
15	Solving Robin problems in multiply connected regions via an integral equation with the generalized Neumann kernel. Boundary Value Problems, 2016, 2016, .	0.7	3
16	Numerical conformal mapping via the Bergman kernel using the generalized minimum residual method. Computers and Mathematics With Applications, 2000, 40, 157-164.	2.7	2
17	Analytical Solution for Finding the Second Zero of the Ahlfors Map for an Annulus Region. Journal of Mathematics, 2019, 2019, 1-11.	1.0	2
18	Solving a mixed boundary value problem via an integral equation with adjoint generalized Neumann kernel in bounded multiply connected regions. , 2013, , .		1

#	Article	IF	Citations
19	Fast Computing of Conformal Mapping and Its Inverse of Bounded Multiply Connected Regions onto Second, Third and Fourth Categories of Koebeâ€™s Canonical Slit Regions. Journal of Scientific Computing, 2016, 68, 1124-1141.	2.3	1
20	Infinite Product Representation for the SzegÃ¶ Kernel for an Annulus. Journal of Function Spaces, 2022, 2022, 1-9.	0.9	1
21	Radial slits maps of unbounded multiply connected regions. , 2013, , .		0
22	Content Comparison of Patient-Reported Outcome Instruments Used to Measure Burnout. European Journal of Psychological Assessment, 2015, 31, 91-99.	3.0	0
23	Mikhlinâ€™s Integral Equation and the Integral Equation with the Generalized Neumann Kernel on Simply Connected Domains. Computational and Mathematical Methods, 2022, 2022, 1-18.	0.8	0