

# Hossein Hosseinzadeh

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	The stability study of numerical solution of Fredholm integral equations of the first kind with emphasis on its application in boundary elements method. Applied Numerical Mathematics, 2020, 158, 134-151.	1.2	6
2	A stable boundary elements method for magnetohydrodynamic channel flows at high Hartmann numbers. Numerical Methods for Partial Differential Equations, 2018, 34, 575-601.	2.0	10
3	Numerical solution of 2D Navier-Stokes equation discretized via boundary elements method and finite difference approximation. Engineering Analysis With Boundary Elements, 2018, 96, 64-77.	2.0	22
4	On uniqueness of numerical solution of boundary integral equations with 3-times monotone radial kernels. Journal of Computational and Applied Mathematics, 2017, 311, 664-681.	1.1	3
5	A new extension of boundary elements method for classical elliptic partial differential equations with constant coefficients. Numerical Methods for Partial Differential Equations, 2015, 31, 2027-2042.	2.0	0
6	A new scheme based on boundary elements method to solve linear Helmholtz and semi-linear Poisson equations. Engineering Analysis With Boundary Elements, 2014, 43, 124-135.	2.0	13
7	A simple and accurate scheme based on complex space $C$ to calculate boundary integrals of 2D boundary elements method. Computers and Mathematics With Applications, 2014, 68, 531-542.	1.4	11
8	The use of continuous boundary elements in the boundary elements method for domains with non-smooth boundaries via finite difference approach. Computers and Mathematics With Applications, 2013, 65, 983-995.	1.4	9
9	The boundary elements method for magneto-hydrodynamic (MHD) channel flows at high Hartmann numbers. Applied Mathematical Modelling, 2013, 37, 2337-2351.	2.2	83
10	Calculation of 2D singular and near singular integrals of boundary elements method based on the complex space $C$ . Applied Mathematical Modelling, 2012, 36, 545-560.	2.2	27
11	Obtaining the upper bound of discretization error and critical boundary integrals of circular arc boundary element method. Mathematical and Computer Modelling, 2012, 55, 517-529.	2.0	7
12	Improvement of the accuracy in boundary element method based on high-order discretization. Computers and Mathematics With Applications, 2011, 62, 4461-4471.	1.4	11
13	Development of circular arc boundary elements method. Engineering Analysis With Boundary Elements, 2011, 35, 543-549.	2.0	11
14	Solution of Poisson's equation by analytical boundary element integration. Applied Mathematics and Computation, 2010, 217, 152-163.	1.4	14