Hai-Feng Peng

List of Publications by Year
in descending order

20 papers	362 citations	759233 12 h-index	839539 18 g-index
20 all docs	20 docs citations	20 times ranked	112 citing authors

#	Article	IF	Citations
1	Element differential method for solving general heat conduction problems. International Journal of Heat and Mass Transfer, 2017, 115, 882-894.	4.8	52
2	Element differential method and its application in thermal–mechanical problems. International Journal for Numerical Methods in Engineering, 2018, 113, 82-108.	2.8	42
3	Radial integration boundary element method for nonlinear heat conduction problems with temperature-dependent conductivity. International Journal of Heat and Mass Transfer, 2017, 104, 1145-1151.	4.8	37
4	Radial integration BEM for solving transient nonlinear heat conduction with temperature-dependent conductivity. International Journal of Heat and Mass Transfer, 2017, 108, 1551-1559.	4.8	32
5	A new radial integration polygonal boundary element method for solving heat conduction problems. International Journal of Heat and Mass Transfer, 2018, 123, 251-260.	4.8	31
6	A boundary element method without internal cells for solving viscous flow problems. Engineering Analysis With Boundary Elements, 2013, 37, 293-300.	3.7	28
7	Three-step multi-domain BEM for solving transient multi-media heat conduction problems. Engineering Analysis With Boundary Elements, 2013, 37, 1545-1555.	3.7	26
8	A radial integration boundary element method for solving transient heat conduction problems with heat sources and variable thermal conductivity. Numerical Heat Transfer, Part B: Fundamentals, 2018, 73, 1-18.	0.9	21
9	Radial integration boundary element method for solving two-dimensional unsteady convection–diffusion problem. Engineering Analysis With Boundary Elements, 2019, 102, 39-50.	3.7	20
10	New analytical expressions in radial integration BEM for solving heat conduction problems with variable coefficients. Engineering Analysis With Boundary Elements, 2015, 50, 224-230.	3.7	15
11	Element nodal computation-based radial integration BEM for non-homogeneous problems. Acta Mechanica Sinica/Lixue Xuebao, 2013, 29, 429-436.	3.4	12
12	Radial integration BEM for steady convection-conduction problem with spatially variable velocity and thermal conductivity. International Journal of Heat and Mass Transfer, 2018, 126, 1150-1161.	4.8	12
13	Isoparametric closure elements in boundary element method. Computers and Structures, 2016, 168, 1-15.	4.4	9
14	Radial integration boundary element method for heat conduction problems with convective heat transfer boundary. Numerical Heat Transfer, Part B: Fundamentals, 2017, 72, 300-310.	0.9	8
15	A meshless BEM for solving transient non-homogeneous convection-diffusion problem with variable velocity and source term. Engineering Analysis With Boundary Elements, 2020, 121, 65-75.	3.7	7
16	<scp>Weak–form</scp> element differential method for solving mechanics and heat conduction problems with abruptly changed boundary conditions. International Journal for Numerical Methods in Engineering, 2020, 121, 3722-3741.	2.8	7
17	Trans-accuracy elements and their application in BEM analysis of structurally multi-scale problems. Engineering Analysis With Boundary Elements, 2018, 97, 82-93.	3.7	2
18	Evaluation of strongly singular domain integrals for internal stresses in functionally graded materials analyses using RIBEM. Acta Mechanica Sinica/Lixue Xuebao, 2014, 30, 917-926.	3.4	1

#	Article	IF	Citations
19	Numerical Evaluation of Arbitrary Singular Domain Integrals Using Third-Degree B-Spline Basis Functions. Mathematical Problems in Engineering, 2014, 2014, 1-10.	1.1	0
20	BEMâ€"EDM COUPLED ANALYSIS OF MULTI-SCALE PROBLEMS. , 2019, , .		0