

Y Z Chen

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179
papers

1,517
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17
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30
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180
ext. papers

1,599
ext. citations

2.8
avg, IF

5.25
L-index

#	Paper	IF	Citations
179	Multiple crack problems of antiplane elasticity in an infinite body. <i>Engineering Fracture Mechanics</i> , 1984 , 20, 767-775	4.2	100
178	Elastic analysis for thick cylinders and spherical pressure vessels made of functionally graded materials. <i>Computational Materials Science</i> , 2008 , 44, 581-587	3.2	80
177	Closed form solutions of T-stress in plane elasticity crack problems. <i>International Journal of Solids and Structures</i> , 2000 , 37, 1629-1637	3.1	49
176	New integral equation for plane elasticity crack problems. <i>Theoretical and Applied Fracture Mechanics</i> , 1987 , 7, 177-184	3.7	48
175	A survey of new integral equations in plane elasticity crack problem. <i>Engineering Fracture Mechanics</i> , 1995 , 51, 97-134	4.2	47
174	New integration scheme for the branch crack problem. <i>Engineering Fracture Mechanics</i> , 1995 , 52, 791-801	4.2	44
173	New path independent integrals in linear elastic fracture mechanics. <i>Engineering Fracture Mechanics</i> , 1985 , 22, 673-686	4.2	43
172	Stress intensity factors for curved and kinked cracks in plane extension. <i>Theoretical and Applied Fracture Mechanics</i> , 1999 , 31, 223-232	3.7	37
171	Evaluation of the degenerate scale for BIE in plane elasticity and antiplane elasticity by using conformal mapping. <i>Engineering Analysis With Boundary Elements</i> , 2009 , 33, 147-158	2.6	35
170	Solutions of multiple crack problems of a circular plate or an infinite plate containing a circular hole by using Fredholm integral equation approach. <i>International Journal of Fracture</i> , 1984 , 25, 155-168	2.3	31
169	An alternative numerical solution of thick-walled cylinders and spheres made of functionally graded materials. <i>Computational Materials Science</i> , 2010 , 48, 640-647	3.2	28
168	Integral Equation Methods for Multiple Crack Problems and Related Topics. <i>Applied Mechanics Reviews</i> , 2007 , 60, 172-194	8.6	27
167	New integral equation for curve crack problem in plane elasticity with arbitrary loading condition. <i>International Journal of Fracture</i> , 1990 , 46, R43-R46	2.3	23
166	A numerical solution technique of hypersingular integral equation for curved cracks. <i>Communications in Numerical Methods in Engineering</i> , 2003 , 19, 645-655		22
165	Numerical solution of the curved crack problem by means of polynomial approximation of the dislocation distribution. <i>Engineering Fracture Mechanics</i> , 1991 , 39, 791-797	4.2	21
164	Numerical solution of a curved crack problem by using hypersingular integral equation approach. <i>Engineering Fracture Mechanics</i> , 1993 , 46, 275-283	4.2	21
163	Singular integral equation method for the solution of multiple curved crack problems. <i>International Journal of Solids and Structures</i> , 2004 , 41, 3505-3519	3.1	19

162	Numerical solution for degenerate scale problem for exterior multiply connected region. <i>Engineering Analysis With Boundary Elements</i> , 2009 , 33, 1316-1321	2.6	17
161	Numerical solution for curved crack problem in elastic half-plane using hypersingular integral equation. <i>Philosophical Magazine</i> , 2009 , 89, 2239-2253	1.6	17
160	Regularity condition and numerical examination for degenerate scale problem of BIE for exterior problem of plane elasticity. <i>Engineering Analysis With Boundary Elements</i> , 2008 , 32, 811-823	2.6	17
159	Analysis of L-integral and theory of the derivative stress field in plane elasticity. <i>International Journal of Solids and Structures</i> , 2003 , 40, 3589-3602	3.1	16
158	Solutions of Multiple Crack Problems of Elastic Half-Plane. <i>Journal of Applied Mechanics, Transactions ASME</i> , 1985 , 52, 979-981	2.7	16
157	An Infinite Plate Weakened by Periodic Cracks. <i>Journal of Applied Mechanics, Transactions ASME</i> , 2002 , 69, 552-555	2.7	16
156	Dual boundary integral equation formulation in plane elasticity using complex variable. <i>Engineering Analysis With Boundary Elements</i> , 2010 , 34, 834-844	2.6	15
155	Singular behaviour at fixed rigid line tip in plane elasticity. <i>Engineering Fracture Mechanics</i> , 1986 , 25, 11-16	2.6	15
154	Closed-form solution for Eshelby elliptic inclusion in antiplane elasticity using complex variable. <i>Zeitschrift Fur Angewandte Mathematik Und Physik</i> , 2013 , 64, 1797-1805	1.6	14
153	Numerical solution for degenerate scale problem arising from multiple rigid lines in plane elasticity. <i>Applied Mathematics and Computation</i> , 2011 , 218, 96-106	2.7	14
152	Numerical examination for degenerate scale problem for ellipse-shaped ring region in BIE. <i>International Journal for Numerical Methods in Engineering</i> , 2007 , 71, 1208-1230	2.4	14
151	A new kernel in BIE and the exterior boundary value problem in plane elasticity. <i>Acta Mechanica</i> , 2009 , 206, 207-224	2.1	13
150	The degenerate scale problem for the Laplace equation and plane elasticity in a multiply connected region with an outer circular boundary. <i>International Journal of Solids and Structures</i> , 2009 , 46, 2605-2610	3.1	13
149	Complex potentials and integral equations for curved crack and curved rigid line problems in plane elasticity. <i>Acta Mechanica</i> , 2006 , 182, 211-229	2.1	13
148	T stress in multiple crack problem for an infinite plate. <i>Engineering Fracture Mechanics</i> , 1994 , 48, 641-647	4.2	13
147	Integral equation approaches for curved rigid line problem in an infinite plate. <i>International Journal of Fracture</i> , 1992 , 58, 1-20	2.3	13
146	Crack front position and crack back position techniques for evaluating the T-stress at crack tip using functions of a complex variable. <i>Journal of Mechanics of Materials and Structures</i> , 2008 , 3, 1659-1673	1.2	13
145	T-stress evaluation for slightly curved crack using perturbation method. <i>International Journal of Solids and Structures</i> , 2008 , 45, 211-224	3.1	12

144	Solution of integral equation in curve crack problem by using curve length coordinate. <i>Engineering Analysis With Boundary Elements</i> , 2004 , 28, 989-994	2.6	12
143	Hypersingular integral equation approach for the multiple crack problem in an infinite plate. <i>Acta Mechanica</i> , 1995 , 108, 121-131	2.1	12
142	A special boundary-element formulation for multiple-circular-hole problems in an infinite plate. <i>Computer Methods in Applied Mechanics and Engineering</i> , 1985 , 50, 263-273	5.7	12
141	Evaluation of the T-stress for multiple cracks in an elastic half-plane using singular integral equation and Green's function method. <i>Applied Mathematics and Computation</i> , 2014 , 228, 17-30	2.7	11
140	Numerical solution of elastic inclusion problem using complex variable boundary integral equation. <i>Acta Mechanica</i> , 2012 , 223, 705-720	2.1	11
139	Periodic group crack problems in an infinite plate. <i>International Journal of Solids and Structures</i> , 2005 , 42, 2837-2850	3.1	11
138	A rigorous derivation for T-stress in line crack problem. <i>Engineering Fracture Mechanics</i> , 2010 , 77, 753-757.	4.2	10
137	Multiple Zener-Stroh crack problem in an infinite plate. <i>Acta Mechanica</i> , 2004 , 170, 11	2.1	10
136	Analysis of the M-Integral in Plane Elasticity. <i>Journal of Applied Mechanics, Transactions ASME</i> , 2004 , 71, 572-574	2.7	10
135	Numerical solution of three-dimensional crack problem by using hypersingular integral equation. <i>Computer Methods in Applied Mechanics and Engineering</i> , 2001 , 190, 4019-4026	5.7	10
134	Dual boundary integral equation formulation in antiplane elasticity using complex variable. <i>Computational Mechanics</i> , 2010 , 45, 167-178	4	9
133	Eigenvalue and eigenfunction analysis arising from degenerate scale problem of BIE in plane elasticity. <i>Engineering Analysis With Boundary Elements</i> , 2007 , 31, 994-1002	2.6	9
132	Eigenfunction expansion variational method for stress intensity factor and T-stress evaluation of a circular cracked plate. <i>Acta Mechanica</i> , 2008 , 196, 55-73	2.1	9
131	Hypersingular integral equation method for three-dimensional crack problem in shear mode. <i>Communications in Numerical Methods in Engineering</i> , 2004 , 20, 441-454		9
130	Singularity Eigenvalue Analysis of a Crack Along a Wedge-Shaped Interface. <i>Journal of Applied Mechanics, Transactions ASME</i> , 1993 , 60, 781-783	2.7	9
129	A semi-analytic solution for multiple curved cracks emanating from circular hole using singular integral equation. <i>Applied Mathematics and Computation</i> , 2009 , 213, 389-404	2.7	8
128	Stress analysis of a cylindrical bar with a spherical cavity or rigid inclusion by the eigenfunction expansion variational method. <i>International Journal of Engineering Science</i> , 2004 , 42, 325-338	5.7	8
127	Solution of flat crack problem by using variational principle and differential integral equation. <i>International Journal of Solids and Structures</i> , 2002 , 39, 5787-5797	3.1	8

126	SOLUTION FOR A CURVILINEAR CRACK IN A THERMOELASTIC MEDIUM. <i>Journal of Thermal Stresses</i> , 2003 , 26, 245-259	2.2	8
125	Numerical solution of the curved rigid line problem in an infinite plate. <i>Ingenieur-Archiv</i> , 1990 , 60, 283-292		8
124	Evaluation of natural frequencies of non-uniform beams by numerical integration. <i>Computers and Structures</i> , 1988 , 29, 693-697	4.5	8
123	Evaluation of the degenerate scale in antiplane elasticity using null field BIE. <i>Applied Mathematics Letters</i> , 2016 , 54, 15-21	3.5	8
122	Approximate solution for degenerate scale problem of two rigid lines in series in plane elasticity. <i>International Journal of Solids and Structures</i> , 2015 , 52, 205-208	3.1	7
121	Evaluation of the T-stress for interacting cracks. <i>Computational Materials Science</i> , 2009 , 45, 349-357	3.2	7
120	Interaction between curved crack and elastic inclusion in an infinite plate. <i>Archive of Applied Mechanics</i> , 1997 , 67, 566-575	2.2	7
119	Collinear ZenerStroh crack problem in plane elasticity. <i>Engineering Fracture Mechanics</i> , 2008 , 75, 1684-1693		7
118	Solution of periodic group crack problems by using the Fredholm integral equation approach. <i>Acta Mechanica</i> , 2005 , 178, 41-51	2.1	7
117	Solutions of multiple crack problems of a circular region for antiplane elastic problem or torsion problem by using Fredholm integral equation approach. <i>International Journal of Fracture</i> , 1984 , 25, R15-R19	2.3	7
116	Multiple crack problems of antiplane elasticity in an infinite body by using fredholm integral equation approach. <i>Engineering Fracture Mechanics</i> , 1985 , 21, 473-478	4.2	7
115	Evaluation of the degenerate scale in Laplace equation by using Newton iteration method. <i>Engineering Analysis With Boundary Elements</i> , 2017 , 80, 105-107	2.6	6
114	Innovative iteration technique for nonlinear ordinary differential equations of large deflection problem of circular plates. <i>Mechanics Research Communications</i> , 2012 , 43, 75-79	2.2	6
113	Solution of multiple crack problem in a finite plate using an alternating method based on two kinds of integral equation. <i>Engineering Analysis With Boundary Elements</i> , 2011 , 35, 1109-1115	2.6	6
112	Degenerate scale problem for the Laplace equation in the multiply connected region with outer elliptic boundary. <i>Acta Mechanica</i> , 2010 , 215, 225-233	2.1	6
111	Evaluation of the T-stress in branch crack problem. <i>International Journal of Fracture</i> , 2010 , 161, 175-185	2.3	6
110	Application of differential-integral equation to elliptical crack problem under shear load. <i>Theoretical and Applied Fracture Mechanics</i> , 1997 , 27, 63-78	3.7	6
109	Evaluation of the T-stress and stress intensity factor for a cracked plate in general case using eigenfunction expansion variational method. <i>Fatigue and Fracture of Engineering Materials and Structures</i> , 2008 , 31, 478-487	3	6

108	SOLUTION OF CONTACT PROBLEM FOR AN ARC CRACK USING HYPERSINGULAR INTEGRAL EQUATION. <i>International Journal of Computational Methods</i> , 2008 , 05, 119-133	1.1	6
107	New singular integral equations for circular arc crack and rigid line problem. <i>Engineering Fracture Mechanics</i> , 1994 , 47, 139-145	4.2	6
106	Transfer matrix method for the solution of multiple elliptic layers with different elastic properties. Part I: infinite matrix case. <i>Acta Mechanica</i> , 2015 , 226, 191-209	2.1	5
105	Solution for Eshelby's elliptic inclusion with polynomials distribution of the eigenstrains in plane elasticity. <i>Applied Mathematical Modelling</i> , 2014 , 38, 4872-4884	4.5	5
104	Boundary integral equation method for two dissimilar elastic inclusions in an infinite plate. <i>Engineering Analysis With Boundary Elements</i> , 2012 , 36, 137-146	2.6	5
103	A novel solution for effective elastic moduli of 2D cracked medium. <i>Engineering Fracture Mechanics</i> , 2012 , 84, 123-131	4.2	5
102	Closed form Solution for Degenerate Scale Problem of Joukowsky Airfoil Configuration in Antiplane Elasticity. <i>Journal of Mechanics</i> , 2013 , 29, N21-N23	1	5
101	Multiple-parameters technique for higher accurate numerical solution of Duffing-harmonic oscillation. <i>Acta Mechanica</i> , 2011 , 218, 217-224	2.1	5
100	A successive integration technique for the solution of the Duffing oscillator equation with damping and excitation. <i>Nonlinear Analysis: Theory, Methods & Applications</i> , 2009 , 70, 3603-3608	1.3	5
99	Solution for hole problems of elastic half-plane with gravity force using boundary integral equation. <i>International Journal of Rock Mechanics and Minings Sciences</i> , 2011 , 48, 520-526	6	5
98	Degenerate scale problem for plane elasticity in a multiply connected region with outer elliptic boundary. <i>Archive of Applied Mechanics</i> , 2010 , 80, 1055-1067	2.2	5
97	Solutions of the interior and exterior boundary value problems in plane elasticity by using dislocation distribution layer. <i>International Journal of Solids and Structures</i> , 2010 , 47, 355-364	3.1	5
96	Potentials in plane elasticity by distribution of dislocation doublet or force doublet along a curve. <i>International Journal of Engineering Science</i> , 1998 , 36, 23-31	5.7	5
95	T-stress evaluation for curved crack problems. <i>Acta Mechanica</i> , 2008 , 198, 35-50	2.1	5
94	Several numerical solution techniques for nonlinear eardrum-type oscillations. <i>Journal of Sound and Vibration</i> , 2006 , 296, 1059-1067	3.9	5
93	Numerical solution for multiple crack problem in an infinite plate under compression. <i>International Journal of Fracture</i> , 2004 , 129, 51-62	2.3	5
92	Evaluation of motion of the Duffing equation from its general properties. <i>Journal of Sound and Vibration</i> , 2003 , 264, 491-497	3.9	5
91	Solution and Numerical Analysis for Thermal Elliptic Inclusion in Plane Elasticity. <i>Journal of Thermal Stresses</i> , 2015 , 38, 1022-1033	2.2	4

90	Properties of integral operators and solutions for complex variable boundary integral equation in plane elasticity for multiply connected regions. <i>Engineering Analysis With Boundary Elements</i> , 2015 , 52, 44-55	2.6	4
89	Numerical solution for the degenerate scale problem in plane elasticity using null field CVBIE. <i>Engineering Analysis With Boundary Elements</i> , 2016 , 62, 1-6	2.6	4
88	Solution for dissimilar elastic inclusions in a finite plate using boundary integral equation method. <i>International Journal of Solids and Structures</i> , 2012 , 49, 1764-1772	3.1	4
87	Degenerate scale problem in antiplane elasticity or Laplace equation for quadrilaterals with arbitrary configuration. <i>Engineering Analysis With Boundary Elements</i> , 2012 , 36, 1370-1376	2.6	4
86	AN INNOVATIVE SOLUTION IN CLOSED FORM AND NUMERICAL ANALYSIS FOR DISSIMILAR ELLIPTICAL INCLUSION IN PLANE ELASTICITY. <i>International Journal of Applied Mechanics</i> , 2014 , 06, 1450080	2.4	4
85	Influence of different integral kernels on the solutions of boundary integral equations in plane elasticity. <i>Journal of Mechanics of Materials and Structures</i> , 2010 , 5, 679-692	1.2	4
84	Perturbation method for the solution of a ZenerStroh crack with a slightly curved configuration. <i>Acta Mechanica</i> , 2009 , 203, 23-36	2.1	4
83	Evaluation of the stress intensity factors and the T-stress in periodic crack problem. <i>International Journal of Fracture</i> , 2009 , 156, 203-216	2.3	4
82	An improved technique for the solution of edge crack problem for finite plate. <i>Computational Materials Science</i> , 2009 , 47, 128-134	3.2	4
81	Formulation of indirect BIEs in plane elasticity using single or double layer potentials and complex variable. <i>Engineering Analysis With Boundary Elements</i> , 2010 , 34, 337-351	2.6	4
80	Solution of periodic group circular hole problems by using the series expansion variational method. <i>International Journal for Numerical Methods in Engineering</i> , 2007 , 69, 1405-1422	2.4	4
79	Periodic group edge crack problem of half-plane in antiplane elasticity. <i>Communications in Numerical Methods in Engineering</i> , 2007 , 24, 833-840		4
78	Singular integral equation method for multiple ZenerStroh crack problems in antiplane elasticity. <i>Engineering Analysis With Boundary Elements</i> , 2007 , 31, 22-27	2.6	4
77	Eigenfunction expansion variational method for the solution of a cusp crack problem in a finite plate. <i>Acta Mechanica</i> , 2004 , 168, 157-166	2.1	4
76	General solution for arc crack problem in thermoelastic medium. <i>International Journal of Engineering Science</i> , 2002 , 40, 2223-2234	5.7	4
75	Solution of ZenerStroh arc crack problem in plane elasticity. <i>Mechanics Research Communications</i> , 2005 , 32, 300-305	2.2	4
74	Some Properties of J-Integral in Plane Elasticity. <i>Journal of Applied Mechanics, Transactions ASME</i> , 2002 , 69, 195-198	2.7	4
73	Hypersingular Integral Equation for a Curved Crack Problem of Circular Region in Antiplane Elasticity. <i>Journal of Applied Mechanics, Transactions ASME</i> , 1996 , 63, 845-849	2.7	4

72	A technique for evaluating the stress intensity factors by means of the integral. <i>Engineering Fracture Mechanics</i> , 1986 , 23, 777-780	4.2	4
71	A numerical procedure for evaluating the plastic limit load of a circular plate using mises yield criterion. <i>Computers and Structures</i> , 1986 , 24, 821-822	4.5	4
70	Multiple thermally insulated crack problem in an infinite plate. <i>Ingenieur-Archiv</i> , 1988 , 58, 321-328		4
69	Numerical solution for the degenerate scale in 2D Laplace equation for notch in half-plane using null field BIE. <i>Engineering Analysis With Boundary Elements</i> , 2016 , 70, 126-133	2.6	4
68	Numerical solution for a crack embedded in multiple elliptic layers with different elastic properties. <i>Acta Mechanica</i> , 2015 , 226, 2807-2829	2.1	3
67	Evaluation of stress intensity factors from stress concentration factors for a crack embedded in dissimilar elliptic inclusion. <i>Theoretical and Applied Fracture Mechanics</i> , 2016 , 84, 177-182	3.7	3
66	Complex variable method for equivalence of the elliptical inhomogeneity to Eshelby's elliptical inclusion under remote loading. <i>Zeitschrift Fur Angewandte Mathematik Und Physik</i> , 2019 , 70, 1	1.6	3
65	Evaluation of T-stresses in multiple crack problems of finite plate. <i>Fatigue and Fracture of Engineering Materials and Structures</i> , 2012 , 35, 173-184	3	3
64	Boundary integral equation method for periodic dissimilar elastic inclusions in an infinite plate. <i>Applied Mathematics and Computation</i> , 2012 , 218, 8578-8591	2.7	3
63	Solutions of periodic notch problems with arbitrary configuration by using boundary integral equation and superposition method. <i>Acta Mechanica</i> , 2011 , 221, 251-260	2.1	3
62	MULTIPLE AND PERIODIC NOTCH PROBLEMS OF ELASTIC HALF-PLANE BY USING BIE BASED ON GREEN'S FUNCTION METHOD. <i>International Journal of Computational Methods</i> , 2010 , 07, 539-557	1.1	3
61	A convenient technique for evaluating angular frequency in some nonlinear oscillations. <i>Journal of Sound and Vibration</i> , 2007 , 305, 552-562	3.9	3
60	Comments on Approximate Green's functions for singular and higher order terms of an edge crack in a finite plate by Xiao and Karihaloo [Engng Fract Mech 2002;69:959-981]. <i>Engineering Fracture Mechanics</i> , 2008 , 75, 4844-4848	4.2	3
59	Numerical solutions of a hypersingular integral equation for antiplane elastic curved crack problems of circular regions. <i>Acta Mechanica</i> , 2004 , 173, 1-11	2.1	3
58	THERMOELASTIC PROBLEM OF ARC CRACK WITH HEAT SOURCE OR DOUBLET. <i>Journal of Thermal Stresses</i> , 2004 , 27, 137-150	2.2	3
57	Pseudo-linearization procedure of nonlinear ordinary differential equations for large deflection problem of circular plates. <i>Thin-Walled Structures</i> , 2003 , 41, 375-388	4.7	3
56	Fracture analysis for a cusp-type crack problem. <i>Acta Mechanica</i> , 2020 , 231, 3123-3128	2.1	3
55	Solution for a crack embedded in thermal dissimilar elliptic inclusion. <i>Engineering Fracture Mechanics</i> , 2016 , 160, 15-21	4.2	3

54	Numerical Solution for Dissimilar Confocally Elliptic Layers in Antiplane Elasticity. <i>International Journal of Applied Mechanics</i> , 2016 , 08, 1650071	2.4	2
53	Numerical solution of a Dugdale-type crack problem for two cracks in series. <i>Engineering Fracture Mechanics</i> , 2014 , 117, 152-158	4.2	2
52	Transfer matrix method for the solution of multiple elliptic layers with different elastic properties. Part II: exterior finite elliptic matrix case. <i>Acta Mechanica</i> , 2014 , 225, 3617-3623	2.1	2
51	Solution for Eshelby's elastic inclusions in a finite plate using boundary integral equation method. <i>Engineering Analysis With Boundary Elements</i> , 2013 , 37, 1089-1094	2.6	2
50	Singular integral equation method for contact problem for rigidly connected punches on elastic half-plane. <i>Applied Mathematics and Computation</i> , 2011 , 217, 5680-5694	2.7	2
49	LOGARITHMIC SINGULARITY IN A CRACK PROBLEM. <i>International Journal of Applied Mechanics</i> , 2010 , 02, 851-856	2.4	2
48	Closed form solutions of R-stress and stress singularity coefficient in rigid line problems. <i>Acta Mechanica</i> , 2010 , 213, 291-303	2.1	2
47	Novel numerical solution technique for evaluating eigenvalues in a plane notch problem. <i>Communications in Numerical Methods in Engineering</i> , 1998 , 14, 1039-1046		2
46	T-stress in the Zener-Broh arc crack problem in plane elasticity. <i>Engineering Fracture Mechanics</i> , 2008 , 75, 4721-4726	4.2	2
45	SINGULAR INTEGRAL EQUATION METHOD FOR MULTIPLE CURVED EDGE CRACKS EMANATING FROM BOUNDARY OF HALF-PLANE. <i>International Journal of Computational Methods</i> , 2006 , 03, 205-217	1.1	2
44	SINGULAR INTEGRAL EQUATION METHOD FOR A MOVING CRACK PROBLEM IN ANTIPLANE ELASTICITY OF FUNCTIONALLY GRADED MATERIALS. <i>International Journal of Computational Methods</i> , 2007 , 04, 475-492	1.1	2
43	Numerical solutions of hypersingular integral equation for curved cracks in circular regions. <i>International Journal of Fracture</i> , 2005 , 132, 205-222	2.3	2
42	Solution of periodic notch problems in an infinite plate using BIE in conjunction with remainder estimation technique. <i>Structural Engineering and Mechanics</i> , 2011 , 38, 619-631		2
41	Properties of integral operators in complex variable boundary integral equation in plane elasticity. <i>Structural Engineering and Mechanics</i> , 2013 , 45, 495-519		2
40	Torsion problem for a bar composed of confocally elliptical dissimilar layers. <i>Archive of Applied Mechanics</i> , 2020 , 90, 623-633	2.2	2
39	On the removal of rigid body motions in the interior BVP of plane elasticity by using node support in conjunction with least square technique. <i>Engineering Analysis With Boundary Elements</i> , 2017 , 82, 85-90	2.6	1
38	Numerical solution for thermal confocal elliptic dissimilar layers in plane elasticity. <i>Acta Mechanica</i> , 2016 , 227, 2233-2244	2.1	1
37	Numerical solution of the t-version complex variable boundary integral equation for the interior region in plane elasticity. <i>Engineering Analysis With Boundary Elements</i> , 2014 , 46, 75-84	2.6	1

36	EVALUATION OF THE T-STRESS FOR MULTIPLE CRACKS IN AN INFINITE PLATE USING SINGULAR INTEGRAL EQUATION. <i>International Journal of Computational Methods</i> , 2014 , 11, 1350073	1.1	1
35	Comments on Baber series method for plane problems of an arbitrarily shaped inclusion. <i>Acta Mechanica</i> , 2012 , 223, 1559-1560	2.1	1
34	Evaluation of T-stress for a hypocycloid hole in an infinite plate. <i>Multidiscipline Modeling in Materials and Structures</i> , 2013 , 9, 450-461	2.2	1
33	Study of multiply-layered cylinders made of functionally graded materials using the transfer matrix method. <i>Journal of Mechanics of Materials and Structures</i> , 2011 , 6, 641-657	1.2	1
32	SINGULAR INTEGRAL EQUATION METHOD FOR MULTIPLE FLAT PUNCH PROBLEM FOR AN ELASTIC HALF-PLANE. <i>International Journal of Computational Methods</i> , 2009 , 06, 605-614	1.1	1
31	Boundary integral equation for notch problems in an elastic half-plane based on Green's function method. <i>Journal of Mechanics of Materials and Structures</i> , 2012 , 7, 963-981	1.2	1
30	Degenerate scale problem arising from curved rigid line inclusion. <i>International Journal for Numerical Methods in Biomedical Engineering</i> , 2010 , 26, n/a-n/a	2.6	1
29	A Trefftz method for evaluating the T-stress for cracks emanating from a hole in a rectangular plate. <i>Communications in Numerical Methods in Engineering</i> , 2007 , 24, 1853-1862		1
28	Solution of flat crack problems in shear mode. <i>International Journal for Numerical Methods in Engineering</i> , 2006 , 65, 714-733	2.4	1
27	An accurate technique for evaluating stress at boundary points in boundary element method. <i>Engineering Analysis With Boundary Elements</i> , 2000 , 24, 357-360	2.6	1
26	Tension of a finite cracked plate with stiffened edges. <i>Engineering Fracture Mechanics</i> , 1994 , 49, 667-670	4.2	1
25	A novel numerical solution for a functionally graded hollow cylinder with arbitrary elastic property along the radial direction. <i>International Journal of Pressure Vessels and Piping</i> , 2021 , 191, 104301	2.4	1
24	Degenerate scale problem for some configurations with rigid line tips in antiplane elasticity or Laplace equation. <i>Mechanics Research Communications</i> , 2021 , 115, 103697	2.2	1
23	Numerical solution of Eshelby's elastic inclusion problem in plane elasticity by using boundary integral equation. <i>Engineering Analysis With Boundary Elements</i> , 2016 , 68, 17-23	2.6	1
22	Thermal stress analysis for a hypocycloid-type crack problem under remote thermal loading. <i>Journal of Thermal Stresses</i> , 2021 , 44, 634-641	2.2	1
21	Solution for square notch problem with small round corners in plane elasticity under remote loading (technical note). <i>Archive of Applied Mechanics</i> , 2021 , 91, 2943-2947	2.2	0
20	Numerical solution of the degenerate scale problem with arbitrary hole configuration in 2D Laplace equation. <i>Engineering Analysis With Boundary Elements</i> , 2022 , 139, 109-112	2.6	0
19	Numerical test for the Neumann problem of interior BVP of plane elasticity. <i>Applied Mathematics and Computation</i> , 2019 , 361, 61-73	2.7	

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