

Y Z Chen

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/8287201/y-z-chen-publications-by-year.pdf>

Version: 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

179
papers

1,517
citations

17
h-index

30
g-index

180
ext. papers

1,599
ext. citations

2.8
avg, IF

5.25
L-index

#	Paper	IF	Citations
179	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
178	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
177	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
176	Thermal stress analysis for a cusp-type crack problem under remote thermal loading. <i>Applications in Engineering Science</i> , 2021 , 6, 100041	0.4	
175	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
174	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
173	On debonding at interface in the Eshelby elliptical inclusion under remote loading. <i>Engineering Fracture Mechanics</i> , 2021 , 255, 107910	4.2	
172	Torsion problem for a bar composed of confocally elliptical dissimilar layers. <i>Archive of Applied Mechanics</i> , 2020 , 90, 623-633	2.2	2
171	Fracture analysis for a cusp-type crack problem. <i>Acta Mechanica</i> , 2020 , 231, 3123-3128	2.1	3
170	Numerical test for the Neumann problem of interior BVP of plane elasticity. <i>Applied Mathematics and Computation</i> , 2019 , 361, 61-73	2.7	
169	Complex variable method for equivalence of the elliptical inhomogeneity to Eshelby elliptical inclusion under remote loading. <i>Zeitschrift Fur Angewandte Mathematik Und Physik</i> , 2019 , 70, 1	1.6	3
168	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
167	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
166	Numerical Solution for Dissimilar Confocally Elliptic Layers in Antiplane Elasticity. <i>International Journal of Applied Mechanics</i> , 2016 , 08, 1650071	2.4	2
165	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
164	Numerical solution for thermal confocal elliptic dissimilar layers in plane elasticity. <i>Acta Mechanica</i> , 2016 , 227, 2233-2244	2.1	1
163	Solution of multiple confocally elliptical layers with dissimilar properties in antiplane elasticity with eigenstrains and remote loading. <i>Applied Mathematical Modelling</i> , 2016 , 40, 4572-4585	4.5	

162	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
161	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
160	Evaluation of the degenerate scale in antiplane elasticity using null field BIE. <i>Applied Mathematics Letters</i> , 2016 , 54, 15-21	3.5	8
159	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
158	Solution for a crack embedded in thermal dissimilar elliptic inclusion. <i>Engineering Fracture Mechanics</i> , 2016 , 160, 15-21	4.2	3
157	Solution and Numerical Analysis for Thermal Elliptic Inclusion in Plane Elasticity. <i>Journal of Thermal Stresses</i> , 2015 , 38, 1022-1033	2.2	4
156	Solution for a crack stiffened by an elliptic layer in antiplane elasticity. <i>International Journal of Fracture</i> , 2015 , 194, 45-50	2.3	
155	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
154	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
153	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
152	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
151	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
150	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
149	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
148	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
147	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
146	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
145	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

144	Closed-form solution for Eshelby's elliptic inclusion in antiplane elasticity using complex variable. <i>Zeitschrift Fur Angewandte Mathematik Und Physik</i> , 2013 , 64, 1797-1805	1.6	14
143	An alternative scheme for numerical evaluation of effective elastic moduli of 2D cracked medium. <i>Engineering Fracture Mechanics</i> , 2013 , 99, 356-360	4.2	
142	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
141	Closed form Solution for Degenerate Scale Problem of Joukowcki Airfoil Configuration in Antiplane Elasticity. <i>Journal of Mechanics</i> , 2013 , 29, N21-N23	1	5
140	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
139	Properties of integral operators in complex variable boundary integral equation in plane elasticity. <i>Structural Engineering and Mechanics</i> , 2013 , 45, 495-519		2
138	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
137	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
136	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
135	A novel solution for effective elastic moduli of 2D cracked medium. <i>Engineering Fracture Mechanics</i> , 2012 , 84, 123-131	4.2	5
134	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
133	Numerical solution of elastic inclusion problem using complex variable boundary integral equation. <i>Acta Mechanica</i> , 2012 , 223, 705-720	2.1	11
132	Comments on Baber series method for plane problems of an arbitrarily shaped inclusion. <i>Acta Mechanica</i> , 2012 , 223, 1559-1560	2.1	1
131	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
130	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
129	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
128	An iteration approach for multiple notch problem based on complex variable boundary integral equation. <i>Structural Engineering and Mechanics</i> , 2012 , 41, 591-604		
127	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

126	Multiple-parameters technique for higher accurate numerical solution of Duffing-harmonic oscillation. <i>Acta Mechanica</i> , 2011 , 218, 217-224	2.1	5
125	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
124	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
123	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
122	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
121	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
120	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
119	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
118	LOGARITHMIC SINGULARITY IN A CRACK PROBLEM. <i>International Journal of Applied Mechanics</i> , 2010 , 02, 851-856	2.4	2
117	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
116	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
115	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
114	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
113	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
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	Dual boundary integral equation formulation in antiplane elasticity using complex variable. <i>Computational Mechanics</i> , 2010 , 45, 167-178	4	9
110	Evaluation of the T-stress in branch crack problem. <i>International Journal of Fracture</i> , 2010 , 161, 175-185	2.3	6
109	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

108	Refinement for stress intensity factor solution for a parabolic-shaped crack from the perturbation method. <i>Mechanics Research Communications</i> , 2010 , 37, 47-49	2.2	
107	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
106	A rigorous derivation for T-stress in line crack problem. <i>Engineering Fracture Mechanics</i> , 2010 , 77, 753-757.	2.2	10
105	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
104	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
103	Perturbation method for the solution of a Zener-Broh crack with a slightly curved configuration. <i>Acta Mechanica</i> , 2009 , 203, 23-36	2.1	4
102	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
101	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
100	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
99	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
98	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
97	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
96	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
95	Evaluation of the T-stress for interacting cracks. <i>Computational Materials Science</i> , 2009 , 45, 349-357	3.2	7
94	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
93	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
92	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
91	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

90	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
89	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
88	Eigenvalue analysis for a frictional punch problem of a concave notch with a fixed edge. <i>Acta Mechanica</i> , 2008 , 196, 187-191	2.1	
87	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
86	T-stress evaluation for curved crack problems. <i>Acta Mechanica</i> , 2008 , 198, 35-50	2.1	5
85	Fredholm integral equation approach for multiple crack problem in antiplane shear and inplane electric field of piezoelectric materials. <i>Archive of Applied Mechanics</i> , 2008 , 78, 867-881	2.2	
84	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
83	Collinear Zener-Stroh crack problem in plane elasticity. <i>Engineering Fracture Mechanics</i> , 2008 , 75, 1684-1693	4.1	7
82	T-stress in the Zener-Stroh arc crack problem in plane elasticity. <i>Engineering Fracture Mechanics</i> , 2008 , 75, 4721-4726	4.2	2
81	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
80	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
79	Integral Equation Methods for Multiple Crack Problems and Related Topics. <i>Applied Mechanics Reviews</i> , 2007 , 60, 172-194	8.6	27
78	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
77	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
76	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
75	Periodic group edge crack problem of half-plane in antiplane elasticity. <i>Communications in Numerical Methods in Engineering</i> , 2007 , 24, 833-840		4
74	Singular integral equation method for multiple Zener-Stroh crack problems in antiplane elasticity. <i>Engineering Analysis With Boundary Elements</i> , 2007 , 31, 22-27	2.6	4
73	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

72	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
71	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
70	Solution of flat crack problems in shear mode. <i>International Journal for Numerical Methods in Engineering</i> , 2006 , 65, 714-733	2.4	1
69	Numerical evaluation of eigenvalues in notch problems using a region searching method. <i>Communications in Numerical Methods in Engineering</i> , 2006 , 22, 1119-1127		
68	On the equivalence of types of damage in plane elasticity. <i>Philosophical Magazine Letters</i> , 2006 , 86, 555-560		
67	On Defect Energy in Elasticity. <i>Multidiscipline Modeling in Materials and Structures</i> , 2006 , 2, 189-212	2.2	
66	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
65	Several numerical solution techniques for nonlinear eardrum-type oscillations. <i>Journal of Sound and Vibration</i> , 2006 , 296, 1059-1067	3.9	5
64	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
63	Solution of Zener-Stroh arc crack problem in plane elasticity. <i>Mechanics Research Communications</i> , 2005 , 32, 300-305	2.2	4
62	Periodic group crack problems in an infinite plate. <i>International Journal of Solids and Structures</i> , 2005 , 42, 2837-2850	3.1	11
61	Solution of periodic group crack problems by using the Fredholm integral equation approach. <i>Acta Mechanica</i> , 2005 , 178, 41-51	2.1	7
60	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
59	A Numerical Solution For Half-Ellipse-Shaped Crack. <i>International Journal of Fracture</i> , 2005 , 132, L19-L23	2.3	
58	Eigenvalue Analysis for a Frictional Punch Problem of Concave Notch. <i>International Journal of Fracture</i> , 2005 , 133, 25-30	2.3	
57	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
56	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
55	Multiple Zener-Stroh crack problem in an infinite plate. <i>Acta Mechanica</i> , 2004 , 170, 11	2.1	10

54	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
53	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
52	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
51	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
50	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
49	THERMOELASTIC PROBLEM OF ARC CRACK WITH HEAT SOURCE OR DOUBLET. <i>Journal of Thermal Stresses</i> , 2004 , 27, 137-150	2.2	3
48	Analysis of the M-Integral in Plane Elasticity. <i>Journal of Applied Mechanics, Transactions ASME</i> , 2004 , 71, 572-574	2.7	10
47	A numerical solution technique of hypersingular integral equation for curved cracks. <i>Communications in Numerical Methods in Engineering</i> , 2003 , 19, 645-655		22
46	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
45	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
44	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
43	SOLUTION FOR A CURVILINEAR CRACK IN A THERMOELASTIC MEDIUM. <i>Journal of Thermal Stresses</i> , 2003 , 26, 245-259	2.2	8
42	Discussion: On the Relationship Between the L-Integral and the Bueckner Work-Conjugate Integral (Shi, J. P., Liu, X. H., and Li, J., 2000 ASME J. Appl. Mech., 67, pp. 828-829). <i>Journal of Applied Mechanics, Transactions ASME</i> , 2002 , 69, 711-711	2.7	
41	General solution for arc crack problem in thermoelastic medium. <i>International Journal of Engineering Science</i> , 2002 , 40, 2223-2234	5.7	4
40	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
39	Some Properties of J-Integral in Plane Elasticity. <i>Journal of Applied Mechanics, Transactions ASME</i> , 2002 , 69, 195-198	2.7	4
38	An Infinite Plate Weakened by Periodic Cracks. <i>Journal of Applied Mechanics, Transactions ASME</i> , 2002 , 69, 552-555	2.7	16
37	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

36	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
35	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
34	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
33	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
32	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
31	Interaction between curved crack and elastic inclusion in an infinite plate. <i>Archive of Applied Mechanics</i> , 1997 , 67, 566-575	2.2	7
30	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
29	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
28	Hypersingular integral equation approach for the multiple crack problem in an infinite plate. <i>Acta Mechanica</i> , 1995 , 108, 121-131	2.1	12
27	New integration scheme for the branch crack problem. <i>Engineering Fracture Mechanics</i> , 1995 , 52, 791-801	4.2	44
26	A survey of new integral equations in plane elasticity crack problem. <i>Engineering Fracture Mechanics</i> , 1995 , 51, 97-134	4.2	47
25	Tension of a finite cracked plate with stiffened edges. <i>Engineering Fracture Mechanics</i> , 1994 , 49, 667-670	4.2	1
24	T stress in multiple crack problem for an infinite plate. <i>Engineering Fracture Mechanics</i> , 1994 , 48, 641-647	4.2	13
23	New singular integral equations for circular arc crack and rigid line problem. <i>Engineering Fracture Mechanics</i> , 1994 , 47, 139-145	4.2	6
22	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
21	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
20	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
19	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

18	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
17	Numerical solution of the curved rigid line problem in an infinite plate. <i>Ingenieur-Archiv</i> , 1990 , 60, 283-292		8
16	Multiple thermally insulated crack problem in an infinite plate. <i>Ingenieur-Archiv</i> , 1988 , 58, 321-328		4
15	Evaluation of natural frequencies of non-uniform beams by numerical integration. <i>Computers and Structures</i> , 1988 , 29, 693-697	4.5	8
14	New integral equation for plane elasticity crack problems. <i>Theoretical and Applied Fracture Mechanics</i> , 1987 , 7, 177-184	3.7	48
13	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
12	Singular behaviour at fixed rigid line tip in plane elasticity. <i>Engineering Fracture Mechanics</i> , 1986 , 25, 11-162	4.2	15
11	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
10	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
9	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
8	New path independent integrals in linear elastic fracture mechanics. <i>Engineering Fracture Mechanics</i> , 1985 , 22, 673-686	4.2	43
7	Solutions of Multiple Crack Problems of Elastic Half-Plane. <i>Journal of Applied Mechanics, Transactions ASME</i> , 1985 , 52, 979-981	2.7	16
6	Multiple crack problems of antiplane elasticity in an infinite body. <i>Engineering Fracture Mechanics</i> , 1984 , 20, 767-775	4.2	100
5	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
4	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
3	Solution for the degenerate scale for a rigid curve in antiplane elasticity by using a weakly singular integral equation. <i>Mathematics and Mechanics of Solids</i> , 108128652110112	2.3	
2	Numerical solution for the degenerate scale for two unequal circles in thermal conduction problem. <i>Journal of Thermal Stresses</i> , 1-7	2.2	
1	Solution for elliptic inclusion in an infinite plate with remote loading and Eshelby's eigenstrain of polynomial type. <i>Mathematics and Mechanics of Solids</i> , 108128652110600	2.3	

