

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/7684941/rkl-su-publications-by-year.pdf>

Version: 2024-04-28

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.

156
papers

2,188
citations

25
h-index

36
g-index

163
ext. papers

2,449
ext. citations

3.4
avg, IF

5.45
L-index

#	Paper	IF	Citations
156	Lateral overturning process and failure mechanism of curved steel-concrete composite box-girder bridges under specific overloading vehicles. <i>Structures</i> , 2022 , 35, 638-649	3.4	
155	Fragility analysis of floor micro vibrations induced by internal vehicles in high technology factories. <i>Structures</i> , 2022 , 40, 679-692	3.4	0
154	Experimental investigation of process of corrosion-induced cover delamination using digital image correlation. <i>Construction and Building Materials</i> , 2021 , 312, 125287	6.7	1
153	Finite beam element with 26 DOFs for curved composite box girders considering constrained torsion, distortion, shear lag and biaxial slip. <i>Engineering Structures</i> , 2021 , 232, 111797	4.7	5
152	Strengthening of preloaded RC beams using prestressed carbon textile reinforced mortar plates. <i>Structures</i> , 2021 , 30, 735-744	3.4	5
151	Strengthening Design of RC Columns with Direct Fastening Steel Jackets. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 3649	2.6	2
150	Propagation of conductive crack along interface of piezoelectric/piezomagnetic bimetals. <i>Acta Mechanica</i> , 2021 , 232, 2781	2.1	1
149	Corrosion rate measurement by using polarization resistance method for microcell and macrocell corrosion: Theoretical analysis and experimental work with simulated concrete pore solution. <i>Construction and Building Materials</i> , 2021 , 267, 121003	6.7	10
148	Energy dissipation during fracturing process of nuclear graphite based on cohesive crack model. <i>Engineering Fracture Mechanics</i> , 2021 , 242, 107426	4.2	2
147	Quantification of the actual expansion and deposition of rust in reinforced concrete. <i>Construction and Building Materials</i> , 2021 , 297, 123760	6.7	1
146	Influence of rebar geometry on the steel-concrete interface of reinforced concrete. <i>Construction and Building Materials</i> , 2021 , 304, 124668	6.7	1
145	Simplified seismic axial collapse capacity prediction model for moderately compressed reinforced concrete shear walls adjacent to transfer structure in tall buildings. <i>Structural Design of Tall and Special Buildings</i> , 2020 , 29, e1752	1.8	2
144	In-situ deformation modulus of rust in concrete under different levels of confinement and rates of corrosion. <i>Construction and Building Materials</i> , 2020 , 255, 119369	6.7	4
143	Effect of high rebar temperature during casting on corrosion in carbonated concrete. <i>Construction and Building Materials</i> , 2020 , 249, 118718	6.7	3
142	Experimental investigation of the process of corrosion-caused cover cracking. <i>Construction and Building Materials</i> , 2020 , 253, 119166	6.7	3
141	Improved uncoupled closed-form solution for adhesive stresses in plated beams based on Timoshenko beam theory. <i>International Journal of Adhesion and Adhesives</i> , 2020 , 96, 102472	3.4	4
140	Corner cracking model for non-uniform corrosion-caused deterioration of concrete covers. <i>Construction and Building Materials</i> , 2020 , 234, 117410	6.7	6

139	Framework to optimise two-dimensional DIC measurements at different orders of accuracy for concrete structures. <i>Structures</i> , 2020 , 28, 93-105	3.4	5
138	An investigation of fracture properties and size effects of concrete using the ESPI technique. <i>Magazine of Concrete Research</i> , 2020 , 72, 888-899	2	7
137	Improved one-phase model of uniform corrosion for predicting the volume of rust. <i>Magazine of Concrete Research</i> , 2020 , 72, 1081-1088	2	
136	A Wasserstein distance-based analogous method to predict distribution of non-uniform corrosion on reinforcements in concrete. <i>Construction and Building Materials</i> , 2019 , 226, 965-975	6.7	8
135	Characterization on tensile behaviors of fracture process zone of nuclear graphite using a hybrid numerical and experimental approach. <i>Carbon</i> , 2019 , 155, 531-544	10.4	7
134	A novel elastic-body-rotation model for concrete cover spalling caused by non-uniform corrosion of reinforcement. <i>Construction and Building Materials</i> , 2019 , 213, 549-560	6.7	9
133	Concrete cover delamination model for non-uniform corrosion of reinforcements. <i>Construction and Building Materials</i> , 2019 , 223, 329-340	6.7	16
132	Axial strengthening of RC columns by steel encasement with direct fastening connections. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019 , 660, 012055	0.4	
131	Singularity of subsonic and transonic crack propagations along interfaces of magnetoelastic bimaterials. <i>International Journal of Engineering Science</i> , 2018 , 129, 21-33	5.7	7
130	A displacement-based inverse analysis method to estimate in-situ Young's modulus of steel rust in reinforced concrete. <i>Engineering Fracture Mechanics</i> , 2018 , 192, 114-128	4.2	12
129	Flexural capacity model for RC beams strengthened with bolted side-plates incorporating both partial longitudinal and transverse interactions. <i>Engineering Structures</i> , 2018 , 168, 44-57	4.7	4
128	Seismic axial collapse of short shear span RC shear walls above transfer structure. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018 , 431, 122005	0.4	1
127	Concrete cover tensile capacity of corroded reinforced concrete. <i>Construction and Building Materials</i> , 2017 , 136, 57-64	6.7	7
126	Study on Fracture Properties of Mortar Based on Electronic Speckle Pattern Interferometry. <i>Materials Science Forum</i> , 2017 , 893, 405-409	0.4	1
125	Incremental Displacement Collocation Method for the Evaluation of Tension Softening Curves of Quasi-brittle Materials. <i>Procedia Engineering</i> , 2017 , 172, 1059-1066		0
124	Seismic behavior of preloaded rectangular RC columns strengthened with precambered steel plates under high axial load ratios. <i>Engineering Structures</i> , 2017 , 152, 683-697	4.7	28
123	Fracture behavior of nuclear graphite under three-point bending tests. <i>Engineering Fracture Mechanics</i> , 2017 , 186, 143-157	4.2	22
122	Effects of axial load on seismic performance of reinforced concrete walls with short shear span. <i>Engineering Structures</i> , 2017 , 151, 312-326	4.7	38

121	Moving crack with a contact zone at interface of magnetoelastoelectric bimaterial. <i>Engineering Fracture Mechanics</i> , 2017 , 181, 143-160	4.2	7
120	Seismic behavior of steel reinforced ECC columns under constant axial loading and reversed cyclic lateral loading. <i>Materials and Structures/Materiaux Et Constructions</i> , 2017 , 50, 1	3.4	36
119	A design spectrum model for flexible soil sites in regions of low-to-moderate seismicity. <i>Soil Dynamics and Earthquake Engineering</i> , 2017 , 92, 36-45	3.5	20
118	Detection of Crack Evolution in Plain Concrete by Electronic Speckle Pattern Interferometry. <i>Key Engineering Materials</i> , 2017 , 744, 92-96	0.4	1
117	Integral identities based on symmetric and skew-symmetric weight functions for a semi-infinite interfacial crack in anisotropic magnetoelastoelectric bimaterials. <i>International Journal of Solids and Structures</i> , 2016 , 88-89, 178-191	3.1	6
116	Analysis of symmetric and skew-symmetric weight functions for a semi-infinite interfacial crack in transversely isotropic piezoelectric bimaterials. <i>International Journal of Fracture</i> , 2016 , 199, 213-227	2.3	
115	Crack tip enrichment functions for extended finite element analysis of two-dimensional interface cracks in anisotropic magnetoelastoelectric bimaterials. <i>Engineering Fracture Mechanics</i> , 2016 , 161, 21-39	4.2	14
114	Simplified seismic assessment of buildings using non-uniform Timoshenko beam model in low-to-moderate seismicity regions. <i>Engineering Structures</i> , 2016 , 120, 116-132	4.7	12
113	A double-cylinder model incorporating confinement effects for the analysis of corrosion-caused cover cracking in reinforced concrete structures. <i>Corrosion Science</i> , 2015 , 99, 205-218	6.8	33
112	Fracture analysis of an electrically conductive interface crack with a contact zone in a magnetoelastoelectric bimaterial system. <i>International Journal of Solids and Structures</i> , 2015 , 53, 48-57	3.1	15
111	Gravity-induced shear force in reinforced concrete walls above transfer structures. <i>Proceedings of the Institution of Civil Engineers: Structures and Buildings</i> , 2015 , 168, 40-55	0.9	3
110	A unified shear stress limit for reinforced concrete beam design. <i>HKIE Transactions</i> , 2015 , 22, 223-234	2.9	1
109	The extended finite element method with new crack-tip enrichment functions for an interface crack between two dissimilar piezoelectric materials. <i>International Journal for Numerical Methods in Engineering</i> , 2015 , 103, 94-113	2.4	10
108	Inclined crack through a rhombic thin superconducting strip with transport current. <i>International Journal of Applied Electromagnetics and Mechanics</i> , 2015 , 49, 435-442	0.4	1
107	Rare earthquake response spectra for typical site conditions in Hong Kong. <i>HKIE Transactions</i> , 2015 , 22, 179-191	2.9	3
106	A new extended pre-fracture zone model for a limited permeable crack in an interlayer between magnetoelastoelectric materials. <i>Acta Mechanica</i> , 2015 , 226, 1045-1065	2.1	5
105	Optimization of partial interaction in bolted side-plated reinforced concrete beams. <i>Computers and Structures</i> , 2014 , 131, 70-80	4.5	23
104	Longitudinal Partial Interaction in Bolted Side-Plated Reinforced Concrete Beams. <i>Advances in Structural Engineering</i> , 2014 , 17, 921-936	1.9	16

103	An analytical approach for design of reinforced concrete shear walls against lateral in-plane shear and comparison with codified methods. <i>HKIE Transactions</i> , 2014 , 21, 50-61	2.9	
102	Design Procedure for Fire-Exposed Preloaded Rectangular RC Columns Strengthened with Post-Compressed Plates. <i>Advanced Materials Research</i> , 2014 , 1049-1050, 469-473	0.5	
101	Development of seismic fragility curves for low-rise masonry infilled reinforced concrete buildings by a coefficient-based method. <i>Earthquake Engineering and Engineering Vibration</i> , 2013 , 12, 319-332	2	8
100	Determination of the tension softening curve of nuclear graphites using the incremental displacement collocation method. <i>Carbon</i> , 2013 , 57, 65-78	10.4	23
99	Shear transfer in bolted side-plated reinforced concrete beams. <i>Engineering Structures</i> , 2013 , 56, 1372-1383	1.7	20
98	Assessment of vibrations induced in factories by automated guided vehicles. <i>Proceedings of the Institution of Civil Engineers: Structures and Buildings</i> , 2013 , 166, 182-196	0.9	10
97	Tension softening curves of plain concrete. <i>Construction and Building Materials</i> , 2013 , 44, 440-451	6.7	42
96	Pre-fracture zone model on electrically impermeable and magnetically permeable interface crack between two dissimilar magnetoelastic materials. <i>Engineering Fracture Mechanics</i> , 2013 , 102, 310-323	4.2	11
95	Experimental Study of Moderately Reinforced Concrete Beams Strengthened with Bolted-Side Steel Plates. <i>Advances in Structural Engineering</i> , 2013 , 16, 499-516	1.9	28
94	Evaluation of local and global ductility relationships for seismic assessment of regular masonry-infilled reinforced concrete frames using a coefficient-based method. <i>Earthquake and Structures</i> , 2013 , 5, 1-22		7
93	Application of Steel Plates on the Retrofitting of Current Reinforced Concrete Coupling Beams. <i>Advanced Materials Research</i> , 2013 , 721, 714-719	0.5	
92	Behaviour of plate anchorage in plate-reinforced composite coupling beams. <i>Scientific World Journal, The</i> , 2013 , 2013, 190430	2.2	6
91	A unified design procedure for preloaded rectangular RC columns strengthened with post-compressed plates. <i>Advances in Concrete Construction</i> , 2013 , 1, 163-185		2
90	AGV-induced floor micro-vibration assessment in LCD factories by using a regression modified Kanai-Tajimi moving force model. <i>Structural Engineering and Mechanics</i> , 2013 , 45, 543-568		4
89	Incremental displacement collocation method for the evaluation of tension softening curve of mortar. <i>Engineering Fracture Mechanics</i> , 2012 , 88, 49-62	4.2	21
88	Axial strengthening of preloaded rectangular concrete columns by precambered steel plates. <i>Engineering Structures</i> , 2012 , 38, 42-52	4.7	21
87	An electrically impermeable and magnetically permeable interface crack with a contact zone in a magnetoelastic bimaterial under uniform magnetoelastomechanical loads. <i>European Journal of Mechanics, A/Solids</i> , 2012 , 32, 41-51	3.7	14
86	Fragility analysis of low-rise masonry in-filled reinforced concrete buildings by a coefficient-based spectral acceleration method. <i>Earthquake Engineering and Structural Dynamics</i> , 2012 , 41, 697-713	4	7

85	An electrically impermeable and magnetically permeable interface crack with a contact zone in magnetoelastic bimaterials under a thermal flux and magnetoelctromechanical loads. <i>International Journal of Solids and Structures</i> , 2012 , 49, 3472-3483	3.1	26
84	A study on AGV-induced floor micro-vibration in TFT-LCD high-technology fabs. <i>Structural Control and Health Monitoring</i> , 2012 , 19, 451-471	4.5	6
83	The jump phenomenon effect on the sound absorption of a nonlinear panel absorber and sound transmission loss of a nonlinear panel backed by a cavity. <i>Nonlinear Dynamics</i> , 2012 , 69, 99-116	5	16
82	Experimental Investigation of Preloaded RC Columns Strengthened with Precambered Steel Plates under Eccentric Compression Loading. <i>Advances in Structural Engineering</i> , 2012 , 15, 1253-1264	1.9	11
81	Numerical Investigation of the Bilinear Softening Law in the Cohesive Crack Model for Normal-Strength and High-Strength Concrete. <i>Advances in Structural Engineering</i> , 2012 , 15, 373-387	1.9	9
80	Seismic spectral acceleration assessment of masonry in-filled reinforced concrete buildings by a coefficient-based method. <i>Structural Engineering and Mechanics</i> , 2012 , 41, 479-494		1
79	Flexural Strength and Deformability Design of Reinforced Concrete Beams. <i>Procedia Engineering</i> , 2011 , 14, 1399-1407		8
78	Retrofit of Deep Concrete Coupling Beams by a Laterally Restrained Side Plate. <i>Journal of Structural Engineering</i> , 2011 , 137, 503-512	3	12
77	Numerical Studies of Deep Concrete Coupling Beams Retrofitted with a Laterally Restrained Steel Plate. <i>Advances in Structural Engineering</i> , 2011 , 14, 903-915	1.9	5
76	Fracture Toughness of Plain Concrete Made of Crushed Granite Aggregate. <i>HKIE Transactions</i> , 2011 , 18, 6-12	2.9	2
75	Fracture assessment of an interface crack between two dissimilar magnetoelastic materials under heat flow and magnetoelctromechanical loadings. <i>Acta Mechanica Solida Sinica</i> , 2011 , 24, 429-438	2	9
74	Stability and bifurcation of an axially moving beam tuned to three-to-one internal resonances. <i>Journal of Sound and Vibration</i> , 2011 , 330, 471-485	3.9	95
73	Nonlinear vibration of a curved beam under uniform base harmonic excitation with quadratic and cubic nonlinearities. <i>Journal of Sound and Vibration</i> , 2011 , 330, 5151-5164	3.9	49
72	Plate-strengthened deep reinforced concrete coupling beams. <i>Proceedings of the Institution of Civil Engineers: Structures and Buildings</i> , 2011 , 164, 27-42	0.9	8
71	Use of bolted steel plates for strengthening of reinforced concrete beams and columns. <i>IES Journal Part A: Civil and Structural Engineering</i> , 2011 , 4, 55-68		8
70	Nonlinear Analysis of Forced Responses of an Axially Moving Beam by Incremental Harmonic Balance Method. <i>Mechanics of Advanced Materials and Structures</i> , 2011 , 18, 611-616	1.8	4
69	Provision of Reinforcement in Concrete Solids Using the Generalized Genetic Algorithm. <i>Journal of Computing in Civil Engineering</i> , 2011 , 25, 211-217	5	1
68	Analysis of side-plated reinforced concrete beams with partial interaction. <i>Computers and Concrete</i> , 2011 , 8, 71-96		10

67	Fracture Analysis of Bounded Magneto-electro-elastic Layers with Interfacial Cracks under Magneto-electromechanical Loads: Plane Problem. <i>Journal of Intelligent Material Systems and Structures</i> , 2010 , 21, 581-594	2.3	15
66	Effects of plastic hinges on partial interaction behaviour of bolted side-plated beams. <i>Journal of Constructional Steel Research</i> , 2010 , 66, 622-633	3.8	27
65	Effects of bolt-plate arrangements on steel plate strengthened reinforced concrete beams. <i>Engineering Structures</i> , 2010 , 32, 1769-1778	4.7	34
64	Normalised rotation capacity for deformability evaluation of high-performance concrete beams. <i>Earthquake and Structures</i> , 2010 , 1, 269-287		14
63	Behavior of strengthened reinforced concrete coupling beams by bolted steel plates, Part 2: Evaluation of theoretical strength. <i>Structural Engineering and Mechanics</i> , 2010 , 34, 563-580		14
62	Precise Hsu's method for analyzing the stability of periodic solutions of multi-degrees-of-freedom systems with cubic nonlinearity. <i>Computers and Structures</i> , 2009 , 87, 1624-1630	4.5	19
61	Experimental study of plate-reinforced composite deep coupling beams. <i>Structural Design of Tall and Special Buildings</i> , 2009 , 18, 235-257	1.8	28
60	Rapid assessment of seismic demand in existing building structures. <i>Structural Design of Tall and Special Buildings</i> , 2009 , 18, 427-439	1.8	27
59	Earthquake-induced shear concentration in shear walls above transfer structures. <i>Structural Design of Tall and Special Buildings</i> , 2009 , 18, 657-671	1.8	10
58	Load-deformation prediction for eccentrically loaded bolt groups by a kinematic hardening approach. <i>Journal of Constructional Steel Research</i> , 2009 , 65, 436-442	3.8	14
57	A unified design approach for plate-reinforced composite coupling beams. <i>Journal of Constructional Steel Research</i> , 2009 , 65, 675-686	3.8	12
56	The effect of modal energy transfer on the sound radiation and vibration of a curved panel: Theory and experiment. <i>Journal of Sound and Vibration</i> , 2009 , 324, 1003-1015	3.9	28
55	The Effect of Coarse Aggregate Size on the Stress-strain Curves of Concrete under Uniaxial Compression. <i>HKIE Transactions</i> , 2008 , 15, 33-39	2.9	5
54	Behaviour of partially prestressed beams with external tendons. <i>Magazine of Concrete Research</i> , 2008 , 60, 455-467	2	13
53	Fracture behavior of a bonded magneto-electro-elastic rectangular plate with an interface crack. <i>Archive of Applied Mechanics</i> , 2008 , 78, 343-362	2.2	16
52	The fractal finite element method for added-mass-type problems. <i>International Journal for Numerical Methods in Engineering</i> , 2008 , 75, 1194-1213	2.4	2
51	Behaviour of embedded steel plate in composite coupling beams. <i>Journal of Constructional Steel Research</i> , 2008 , 64, 1112-1128	3.8	7
50	Transient response of interface cracks between dissimilar magneto-electro-elastic strips under out-of-plane mechanical and in-plane magneto-electrical impact loads. <i>Composite Structures</i> , 2007 , 78, 119-128	5.3	32

49	Seismic behaviour of slender reinforced concrete shear walls under high axial load ratio. <i>Engineering Structures</i> , 2007 , 29, 1957-1965	4.7	72
48	Nonlinear response of bolt groups under in-plane loading. <i>Engineering Structures</i> , 2007 , 29, 626-634	4.7	20
47	Fracture analysis of a penny-shaped magnetically dielectric crack in a magneto-electroelastic material. <i>International Journal of Fracture</i> , 2007 , 146, 125-138	2.3	23
46	Cursory seismic drift assessment for buildings in moderate seismicity regions. <i>Earthquake Engineering and Engineering Vibration</i> , 2007 , 6, 85-97	2	7
45	A Survey on Axial Load Ratios of Structural Walls in Medium-rise Residential Buildings in Hong Kong. <i>HKIE Transactions</i> , 2007 , 14, 40-46	2.9	9
44	Approach for Reinforcement Design in Reinforced Concrete Structures Based on 3-Dimensional Stress Field. <i>HKIE Transactions</i> , 2007 , 14, 9-18	2.9	
43	Determination of coefficients of the crack tip asymptotic field by fractal hybrid finite elements. <i>Engineering Fracture Mechanics</i> , 2007 , 74, 1649-1664	4.2	29
42	Seismic behavior of strengthened reinforced concrete coupling beams by bolted steel plates, Part 1: Experimental study. <i>Structural Engineering and Mechanics</i> , 2007 , 27, 149-172		10
41	Simplified inverse dynamics models for MR fluid dampers. <i>Engineering Structures</i> , 2006 , 28, 327-341	4.7	60
40	Dynamic internal crack problem of a functionally graded magneto-electro-elastic strip. <i>International Journal of Solids and Structures</i> , 2006 , 43, 5196-5216	3.1	90
39	Effects of shear connectors on plate-reinforced composite coupling beams of short and medium-length spans. <i>Journal of Constructional Steel Research</i> , 2006 , 62, 178-188	3.8	15
38	Scattering of SH waves by an arc-shaped interface crack between a cylindrical magneto-electro-elastic inclusion and matrix with the symmetry of 6 mm. <i>Acta Mechanica</i> , 2006 , 183, 81-102	2.1	19
37	APPLICATION OF STRUT-AND-TIE METHOD ON OUTRIGGER BRACED CORE WALL BUILDINGS 2005 ,		1
36	Experimental and numerical studies of external steel plate strengthened reinforced concrete coupling beams. <i>Engineering Structures</i> , 2005 , 27, 1537-1550	4.7	59
35	Accurate determination of mode I and II leading coefficients of the Williams expansion by finite element analysis. <i>Finite Elements in Analysis and Design</i> , 2005 , 41, 1175-1186	2.2	23
34	Torsional impact response of a cylindrical interface crack between a functionally graded interlayer and a homogeneous cylinder. <i>Composite Structures</i> , 2005 , 68, 203-209	5.3	18
33	A brief note on elastic T-stress for centred crack in anisotropic plate. <i>International Journal of Fracture</i> , 2005 , 131, 53-58	2.3	17
32	Influence of non-structural components on lateral stiffness of tall buildings. <i>Structural Design of Tall and Special Buildings</i> , 2005 , 14, 143-164	1.8	28

31	Experimental Study on Embedded Steel Plate Composite Coupling Beams. <i>Journal of Structural Engineering</i> , 2005 , 131, 1294-1302	3	40
30	Evaluation of T-stress for cracks in elastic sheets. <i>Structural Engineering and Mechanics</i> , 2005 , 20, 335-346		1
29	Dynamic Response of Multiple Coplanar Interface Cracks between Two Dissimilar Piezoelectric Materials. <i>Key Engineering Materials</i> , 2004 , 261-263, 477-482	0.4	3
28	The fractal finite element method for unbounded problems. <i>International Journal for Numerical Methods in Engineering</i> , 2004 , 61, 990-1008	2.4	5
27	Design of Non-flexural Components Using Strut and Tie Models. <i>HKIE Transactions</i> , 2003 , 10, 31-37	2.9	2
26	Strength and Ductility of Embedded Steel Composite Coupling Beams. <i>Advances in Structural Engineering</i> , 2003 , 6, 23-35	1.9	21
25	Dynamic Testing and Modelling of Existing Buildings in Hong Kong. <i>HKIE Transactions</i> , 2003 , 10, 17-25	2.9	6
24	Numerical solutions of two-dimensional anisotropic crack problems. <i>International Journal of Solids and Structures</i> , 2003 , 40, 4615-4635	3.1	42
23	Assessment of low-rise building with transfer beam under seismic forces. <i>Engineering Structures</i> , 2003 , 25, 1537-1549	4.7	15
22	Determination of crack tip asymptotic stress field by fractal finite element method 2003 , 662-665		1
21	Parametric quadratic programming method for elastic contact fracture analysis. <i>International Journal of Fracture</i> , 2002 , 117, 143-157	2.3	9
20	Numerical solution of cracked thin plates subjected to bending, twisting and shear loads. <i>International Journal of Fracture</i> , 2002 , 117, 323-335	2.3	13
19	Seismic assessment of transfer plate high rise buildings. <i>Structural Engineering and Mechanics</i> , 2002 , 14, 287-306		13
18	Design criteria for unified strut and tie models. <i>Structural Control and Health Monitoring</i> , 2001 , 3, 288-298		8
17	Three-dimensional mixed mode analysis of a cracked body by fractal finite element method. <i>International Journal of Fracture</i> , 2001 , 110, 1-20	2.3	11
16	Mixed mode cracks in Reissner plates. <i>International Journal of Fracture</i> , 2001 , 107, 235-257	2.3	14
15	Fractal Finite Element Method for Singular Problems 2001 , 655-660		
14	Dynamic Soil Properties of Hong Kong Reclamation Sites for Seismic Applications. <i>HKIE Transactions</i> , 2000 , 7, 13-27	2.9	1

13	Two-Level Finite Element Study of Axisymmetric Cracks. <i>International Journal of Fracture</i> , 1998 , 89, 193-203	2.3	18
12	Eigenfunction expansion for penny-shaped and circumferential cracks. <i>International Journal of Fracture</i> , 1998 , 89, 205-222	2.3	11
11	Design Charts for a Laterally-Loaded Rock-Socketed Pile in Granular Soil. <i>HKIE Transactions</i> , 1998 , 5, 30-36	2.9	
10	Fractal Two-Level Finite Element Method For Free Vibration of Cracked Beams. <i>Shock and Vibration</i> , 1998 , 5, 61-68	1.1	9
9	Fractal two-level finite element analysis of cracked Reissner's plate. <i>Thin-Walled Structures</i> , 1996 , 24, 315-334	4.7	15
8	Fractal Two-Level Finite-Element Method for Two-Dimensional Cracks. <i>Computer-Aided Civil and Infrastructure Engineering</i> , 1996 , 11, 249-257	8.4	11
7	Fractal two-level finite element method for cracked kirchhoff's plates using dkt elements. <i>Engineering Fracture Mechanics</i> , 1996 , 54, 703-711	4.2	20
6	Order of the singular stress fields of through-thickness cracks. <i>International Journal of Fracture</i> , 1996 , 75, 85-93	2.3	7
5	Analytical solution for mode I crack orthogonal to free surface. <i>International Journal of Fracture</i> , 1996 , 76, 79-95	2.3	10
4	A numerical study of singular stress field of 3D cracks. <i>Finite Elements in Analysis and Design</i> , 1995 , 18, 389-401	2.2	25
3	Body-force linear elastic stress intensity factor calculation using fractal two level finite element method. <i>Engineering Fracture Mechanics</i> , 1995 , 51, 879-888	4.2	15
2	Mixed-mode two-dimensional crack problem by fractal two level finite element method. <i>Engineering Fracture Mechanics</i> , 1995 , 51, 889-895	4.2	43
1	Mode I crack problems by fractal two level finite element methods. <i>Engineering Fracture Mechanics</i> , 1994 , 48, 847-856	4.2	50