

Xian-Fang Li

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236
papers

4,855
citations

36
h-index

56
g-index

247
ext. papers

5,323
ext. citations

3
avg, IF

6.45
L-index

#	Paper	IF	Citations
236	A unified approach for analyzing static and dynamic behaviors of functionally graded Timoshenko and Euler-Bernoulli beams. <i>Journal of Sound and Vibration</i> , 2008 , 318, 1210-1229	3.9	372
235	A new approach for free vibration of axially functionally graded beams with non-uniform cross-section. <i>Journal of Sound and Vibration</i> , 2010 , 329, 2291-2303	3.9	247
234	Performance of a piezoelectric bimorph for scavenging vibration energy. <i>Smart Materials and Structures</i> , 2005 , 14, 769-774	3.4	152
233	Exact frequency equations of free vibration of exponentially functionally graded beams. <i>Applied Acoustics</i> , 2013 , 74, 413-420	3.1	98
232	Dynamic analysis of a cracked magneto-electroelastic medium under antiplane mechanical and inplane electric and magnetic impacts. <i>International Journal of Solids and Structures</i> , 2005 , 42, 3185-3205 ^{3,1}	3.1	96
231	A higher-order theory for static and dynamic analyses of functionally graded beams. <i>Archive of Applied Mechanics</i> , 2010 , 80, 1197-1212	2.2	76
230	Bending of functionally graded cantilever beam with power-law non-linearity subjected to an end force. <i>International Journal of Non-Linear Mechanics</i> , 2009 , 44, 696-703	2.8	75
229	Exact frequency equations of free vibration of exponentially non-uniform functionally graded Timoshenko beams. <i>International Journal of Mechanical Sciences</i> , 2014 , 89, 1-11	5.5	73
228	Analytical closed-form solutions for size-dependent static pull-in behavior in electrostatic micro-actuators via Fredholm integral equation. <i>Sensors and Actuators A: Physical</i> , 2013 , 190, 32-43	3.9	67
227	Vibrational modes of Timoshenko beams at small scales. <i>Applied Physics Letters</i> , 2009 , 94, 101903	3.4	67
226	Thermal stress in rotating functionally graded hollow circular disks. <i>Composite Structures</i> , 2010 , 92, 1896-1904	5.1	67
225	Buckling Analysis of Nonuniform and Axially Graded Columns with Varying Flexural Rigidity. <i>Journal of Engineering Mechanics - ASCE</i> , 2011 , 137, 73-81	2.4	62
224	A Pressurized Functionally Graded Hollow Cylinder with Arbitrarily Varying Material Properties. <i>Journal of Elasticity</i> , 2009 , 96, 81-95	1.5	61
223	New Method for Solving Elasticity Problems of Some Planar Quasicrystals and Solutions. <i>Chinese Physics Letters</i> , 1998 , 15, 278-280	1.8	61
222	Approximate solution of fractional integro-differential equations by Taylor expansion method. <i>Computers and Mathematics With Applications</i> , 2011 , 62, 1127-1134	2.7	58
221	Bending and vibration of circular cylindrical beams with arbitrary radial nonhomogeneity. <i>International Journal of Mechanical Sciences</i> , 2010 , 52, 595-601	5.5	58
220	Transverse vibration of nanotube-based micro-mass sensor via nonlocal Timoshenko beam theory. <i>Computational Materials Science</i> , 2012 , 53, 340-346	3.2	56

219	Interfacial shear horizontal (SH) waves propagating in a two-phase piezoelectric/piezomagnetic structure with an imperfect interface. <i>Philosophical Magazine Letters</i> , 2009 , 89, 95-103	1	54
218	Nonlocal Timoshenko beam theory for vibration of carbon nanotube-based biosensor. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2012 , 44, 1169-1175	3	53
217	A moving mode-III crack at the interface between two dissimilar piezoelectric materials. <i>International Journal of Engineering Science</i> , 2000 , 38, 1219-1234	5.7	52
216	A finite length crack propagating along the interface of two dissimilar magnetoelastoelectric materials. <i>International Journal of Engineering Science</i> , 2006 , 44, 1394-1407	5.7	51
215	Transient response of a magnetoelastoelectric solid with two collinear dielectric cracks under impacts. <i>International Journal of Solids and Structures</i> , 2009 , 46, 2950-2958	3.1	48
214	Buckling of functionally graded circular columns including shear deformation. <i>Materials & Design</i> , 2010 , 31, 3159-3166		48
213	Resonance frequency and mass identification of zeptogram-scale nanosensor based on the nonlocal beam theory. <i>Ultrasonics</i> , 2015 , 55, 75-84	3.5	46
212	Large Deflections of a Non-linear Cantilever Functionally Graded Beam. <i>Journal of Reinforced Plastics and Composites</i> , 2010 , 29, 1761-1774	2.9	45
211	Fracture analysis of a magnetoelastoelectric solid with a penny-shaped crack by considering the effects of the opening crack interior. <i>International Journal of Engineering Science</i> , 2008 , 46, 374-390	5.7	44
210	T-Stresses Across Static Crack Kinking. <i>Journal of Applied Mechanics, Transactions ASME</i> , 2007 , 74, 181-190	7	44
209	Effects of electric field on crack growth for a penny-shaped dielectric crack in a piezoelectric layer. <i>Journal of the Mechanics and Physics of Solids</i> , 2004 , 52, 2079-2100	5	43
208	Elastic analysis of rotating functionally graded polar orthotropic disks. <i>International Journal of Mechanical Sciences</i> , 2012 , 60, 84-91	5.5	42
207	Size effects of the bending stiffness of nanowires. <i>Journal of Applied Physics</i> , 2009 , 105, 074306	2.5	42
206	Effects of a surrounding elastic medium on flexural waves propagating in carbon nanotubes via nonlocal elasticity. <i>Journal of Applied Physics</i> , 2008 , 103, 074309	2.5	41
205	Magnetoelastoelectric analysis for an opening crack in a piezoelectromagnetic solid. <i>European Journal of Mechanics, A/Solids</i> , 2007 , 26, 405-417	3.7	41
204	Dependence of Young's modulus of nanowires on surface effect. <i>International Journal of Mechanical Sciences</i> , 2014 , 81, 120-125	5.5	37
203	Transient thermal stress intensity factors for a circumferential crack in a hollow cylinder based on generalized fractional heat conduction. <i>International Journal of Thermal Sciences</i> , 2017 , 121, 336-347	4.1	37
202	Vibration of double-walled carbon nanotube based nanomechanical sensor with initial axial stress. <i>Computational Materials Science</i> , 2012 , 58, 51-58	3.2	36

201	Transverse waves propagating in carbon nanotubes via a higher-order nonlocal beam model. <i>Composite Structures</i> , 2013 , 95, 328-336	5.3	36
200	Critical load for buckling of non-prismatic columns under self-weight and tip force. <i>Mechanics Research Communications</i> , 2010 , 37, 554-558	2.2	35
199	Elastic field for a straight dislocation in a decagonal quasicrystal. <i>Journal of Physics Condensed Matter</i> , 1999 , 11, 703-711	1.8	35
198	A Straight Dislocation in One-Dimensional Hexagonal Quasicrystals. <i>Physica Status Solidi (B): Basic Research</i> , 1999 , 212, 19-26	1.3	35
197	Approximate solution of Abel integral equation. <i>Computers and Mathematics With Applications</i> , 2008 , 56, 1748-1757	2.7	33
196	Three-Dimensional Electroelastic Analysis of a Piezoelectric Material With a Penny-Shaped Dielectric Crack. <i>Journal of Applied Mechanics, Transactions ASME</i> , 2004 , 71, 866-878	2.7	33
195	Flexural waves in multi-walled carbon nanotubes using gradient elasticity beam theory. <i>Computational Materials Science</i> , 2013 , 67, 188-195	3.2	32
194	Axial wave propagation and vibration of nonlocal nanorods with radial deformation and inertia. <i>ZAMM Zeitschrift Fur Angewandte Mathematik Und Mechanik</i> , 2017 , 97, 602-616	1	28
193	Closed-form solution for an orthotropic elastic strip with a crack perpendicular to the edges under arbitrary anti-plane shear. <i>ZAMM Zeitschrift Fur Angewandte Mathematik Und Mechanik</i> , 2009 , 89, 370-382		28
192	Radially polarized functionally graded piezoelectric hollow cylinders as sensors and actuators. <i>European Journal of Mechanics, A/Solids</i> , 2010 , 29, 704-713	3.7	28
191	Transient response of a piezoelectric ceramic strip with an eccentric crack under electromechanical impacts. <i>International Journal of Solids and Structures</i> , 2003 , 40, 3571-3588	3.1	28
190	Closed-form solution for a piezoelectric strip with two collinear cracks normal to the strip boundaries. <i>European Journal of Mechanics, A/Solids</i> , 2002 , 21, 981-989	3.7	27
189	Closed-Form Solution for a Mode-III Interface Crack Between Two Bonded Dissimilar Elastic Layers. <i>International Journal of Fracture</i> , 2001 , 109, 3-8	2.3	27
188	Flapwise bending vibration of rotating tapered Rayleigh cantilever beams. <i>Journal of Constructional Steel Research</i> , 2015 , 112, 1-9	3.8	26
187	Two-dimensional elasticity solution of elastic strips and beams made of functionally graded materials under tension and bending. <i>Acta Mechanica</i> , 2015 , 226, 2235-2253	2.1	26
186	Effects of T-stresses on fracture initiation for a closed crack in compression with frictional crack faces. <i>International Journal of Fracture</i> , 2009 , 160, 19-30	2.3	26
185	A new Abel inversion by means of the integrals of an input function with noise. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2007 , 40, 347-360	2	26
184	Electric and elastic behaviors of a piezoelectric ceramic with a charged surface electrode. <i>Smart Materials and Structures</i> , 2004 , 13, 424-432	3.4	25

183	Stability analysis of composite columns and parameter optimization against buckling. <i>Composites Part B: Engineering</i> , 2011 , 42, 1337-1345	10	24
182	Antiplane interface crack between two bonded dissimilar piezoelectric layers. <i>European Journal of Mechanics, A/Solids</i> , 2003 , 22, 231-242	3.7	24
181	Thermoelastic analysis of functionally graded annulus with arbitrary gradient. <i>Applied Mathematics and Mechanics (English Edition)</i> , 2009 , 30, 1211-1220	3.2	23
180	Analysis of a mode-I crack perpendicular to an imperfect interface. <i>International Journal of Solids and Structures</i> , 2009 , 46, 1456-1463	3.1	23
179	Two perfectly-bonded dissimilar orthotropic strips with an interfacial crack normal to the boundaries. <i>Applied Mathematics and Computation</i> , 2005 , 163, 961-975	2.7	23
178	Thermal shock fracture of a cracked thermoelastic plate based on time-fractional heat conduction. <i>Engineering Fracture Mechanics</i> , 2017 , 171, 22-34	4.2	22
177	Initial value method for free vibration of axially loaded functionally graded Timoshenko beams with nonuniform cross section. <i>Mechanics Based Design of Structures and Machines</i> , 2019 , 47, 102-120	1.7	22
176	Effects of gradient on stress distribution in rotating functionally graded solid disks. <i>Journal of Mechanical Science and Technology</i> , 2012 , 26, 1483-1492	1.6	22
175	Transient response of a piezoelectric material with a semi-infinite mode-III crack under impact loads. <i>International Journal of Fracture</i> , 2001 , 111, 119-130	2.3	22
174	Effect of heat conduction of penny-shaped crack interior on thermal stress intensity factors. <i>International Journal of Heat and Mass Transfer</i> , 2015 , 91, 127-134	4.9	21
173	Free vibration of standing and hanging gravity-loaded Rayleigh cantilevers. <i>International Journal of Mechanical Sciences</i> , 2013 , 66, 233-238	5.5	21
172	Flexural waves of carbon nanotubes based on generalized gradient elasticity. <i>Physica Status Solidi (B): Basic Research</i> , 2012 , 249, 50-57	1.3	21
171	Transient response of a cracked magnetoelectric material under the action of in-plane sudden impacts. <i>Computational Materials Science</i> , 2009 , 45, 905-911	3.2	21
170	Free vibration of shear beams with finite rotational inertia. <i>Journal of Constructional Steel Research</i> , 2011 , 67, 1677-1683	3.8	20
169	Dynamic analysis of a crack in a functionally graded material sandwiched between two elastic layers under anti-plane loading. <i>Composite Structures</i> , 2007 , 79, 211-219	5.3	20
168	Fracture analysis of cracked piezoelectric materials. <i>International Journal of Solids and Structures</i> , 2004 , 41, 4137-4161	3.1	20
167	Transient thermoelastic response in a cracked strip of functionally graded materials via generalized fractional heat conduction. <i>Applied Mathematical Modelling</i> , 2019 , 70, 328-349	4.5	19
166	Kink angle and fracture load for an angled crack subjected to far-field compressive loading. <i>Engineering Fracture Mechanics</i> , 2012 , 82, 172-184	4.2	19

165	Stress intensity factors of double cantilever nanobeams via gradient elasticity theory. <i>Engineering Fracture Mechanics</i> , 2013 , 105, 58-64	4.2	19
164	A general solution of elasto-hydrodynamics of two-dimensional quasicrystals. <i>Philosophical Magazine Letters</i> , 2011 , 91, 313-320	1	19
163	Pressurized Hollow Spherical Vessels with Arbitrary Radial Nonhomogeneity. <i>AIAA Journal</i> , 2009 , 47, 2262-2266	2.1	19
162	Approximate solution of linear ordinary differential equations with variable coefficients. <i>Mathematics and Computers in Simulation</i> , 2007 , 75, 113-125	3.3	19
161	Closed-form solution for an eccentric anti-plane shear crack normal to the edges of a magnetoelastoelectric strip. <i>Acta Mechanica</i> , 2006 , 186, 1-15	2.1	19
160	Electroelastic behavior of a rectangular piezoelectric ceramic with an antiplane shear crack at arbitrary position. <i>European Journal of Mechanics, A/Solids</i> , 2004 , 23, 645-658	3.7	19
159	Transient analysis of a piezoelectric strip with a permeable crack under anti-plane impact loads. <i>International Journal of Engineering Science</i> , 2002 , 40, 131-143	5.7	19
158	Electroelastic analysis for a piezoelectric layer with surface electrodes. <i>Mechanics Research Communications</i> , 2003 , 30, 345-351	2.2	19
157	Closed-form solution for two collinear cracks in a piezoelectric strip. <i>Mechanics Research Communications</i> , 2005 , 32, 401-410	2.2	19
156	Free and forced transverse vibration of nanowires with surface effects. <i>JVC/Journal of Vibration and Control</i> , 2017 , 23, 2064-2077	2	18
155	Higher-order theory for bending and vibration of beams with circular cross section. <i>Journal of Engineering Mathematics</i> , 2013 , 80, 91-104	1.2	18
154	Closed-form solution for a mode-III crack at the mid-plane of a piezoelectric layer. <i>Mechanics Research Communications</i> , 2001 , 28, 703-710	2.2	18
153	A Yoffe-type moving crack in one-dimensional hexagonal piezoelectric quasicrystals. <i>Applied Mathematical Modelling</i> , 2019 , 65, 148-163	4.5	18
152	Two collinear mode-III cracks in one-dimensional hexagonal piezoelectric quasicrystal strip. <i>Engineering Fracture Mechanics</i> , 2018 , 189, 133-147	4.2	18
151	Stress field around a strike-slip fault in orthotropic elastic layers via a hypersingular integral equation. <i>Computers and Mathematics With Applications</i> , 2013 , 66, 2317-2326	2.7	17
150	Effects of nonhomogeneity on dynamic stress intensity factors for an antiplane interface crack in a functionally graded material bonded to an elastic semi-strip. <i>Computational Materials Science</i> , 2006 , 38, 432-441	3.2	17
149	T-stress near the tips of a cruciform crack with unequal arms. <i>Engineering Fracture Mechanics</i> , 2006 , 73, 671-683	4.2	17
148	Mode-III interface edge crack between two bonded quarter-planes of dissimilar piezoelectric materials. <i>Archive of Applied Mechanics</i> , 2001 , 71, 703-714	2.2	17

147	Transient hygrothermoelastic response in a cylinder considering non-Fourier hyperbolic heat-moisture coupling. <i>International Journal of Heat and Mass Transfer</i> , 2018 , 126, 1094-1103	4.9	17
146	Bending and free vibration of a circular magnetoelastic plate with surface effects. <i>International Journal of Mechanical Sciences</i> , 2019 , 157-158, 858-871	5.5	16
145	Bending wave propagation of carbon nanotubes in a bi-parameter elastic matrix. <i>Physica B: Condensed Matter</i> , 2012 , 407, 684-688	2.8	16
144	Transient Response of Temperature and Thermal Stresses in a Functionally Graded Hollow Cylinder. <i>Journal of Thermal Stresses</i> , 2010 , 33, 485-500	2.2	16
143	Solution of a class of Volterra integral equations with singular and weakly singular kernels. <i>Applied Mathematics and Computation</i> , 2008 , 199, 406-413	2.7	16
142	Electroelastic analysis of an anti-plane shear crack in a piezoelectric ceramic strip. <i>International Journal of Solids and Structures</i> , 2002 , 39, 1097-1117	3.1	16
141	Crack in an elastic thin-film with surface effect. <i>International Journal of Engineering Science</i> , 2018 , 123, 158-173	5.7	16
140	Size-dependent resonance frequencies of longitudinal vibration of a nonlocal Love nanobar with a tip nanoparticle. <i>Mathematics and Mechanics of Solids</i> , 2017 , 22, 1529-1542	2.3	15
139	Large deflection and rotation of Timoshenko beams with frictional end supports under three-point bending. <i>Comptes Rendus - Mecanique</i> , 2016 , 344, 556-568	2.1	15
138	A rigid line inclusion in an elastic film with surface elasticity. <i>Zeitschrift Fur Angewandte Mathematik Und Physik</i> , 2018 , 69, 1	1.6	15
137	Transient response of a hygrothermoelastic cylinder based on fractional diffusion wave theory. <i>Journal of Thermal Stresses</i> , 2017 , 40, 1575-1594	2.2	15
136	Effect of scale parameter on the deflection of a nonlocal beam and application to energy release rate of a crack. <i>ZAMM Zeitschrift Fur Angewandte Mathematik Und Mechanik</i> , 2015 , 95, 1428-1438	1	15
135	Effect of surface stress on stress intensity factors of a nanoscale crack via double cantilever beam model. <i>Journal of Nanoscience and Nanotechnology</i> , 2013 , 13, 477-82	1.3	15
134	Transient response of the crack-tip field in a magnetoelastic half-space with a functionally graded coating under impacts. <i>Archive of Applied Mechanics</i> , 2009 , 79, 1099-1113	2.2	15
133	Closed-form solution for two collinear mode-III cracks in an orthotropic elastic strip of finite width. <i>Mechanics Research Communications</i> , 2003 , 30, 365-370	2.2	15
132	Resonant frequency and flutter instability of a nanocantilever with the surface effects. <i>Composite Structures</i> , 2016 , 153, 645-653	5.3	15
131	Interface crack embedded in a bi-material plane under shear and compression. <i>Mechanics of Materials</i> , 2015 , 85, 80-93	3.3	14
130	Effect of horizontal reaction force on the deflection of short simply supported beams under transverse loadings. <i>International Journal of Mechanical Sciences</i> , 2015 , 99, 121-129	5.5	14

129	Elastohydrodynamic problems in quasicrystal elasticity theory and wave propagation. <i>Philosophical Magazine</i> , 2013 , 93, 1500-1519	1.6	14
128	Transverse vibration of free-free beams carrying two unequal end masses. <i>International Journal of Mechanical Sciences</i> , 2015 , 90, 251-257	5.5	13
127	Magnetoelastoelectric field induced by a crack terminating at the interface of a bi-magnetoelastoelectric material. <i>Philosophical Magazine</i> , 2009 , 89, 449-463	1.6	13
126	Theoretical analysis of surface stress for a microcantilever with varying widths. <i>Journal Physics D: Applied Physics</i> , 2008 , 41, 065301	3	13
125	A new method for determining the solution of Riccati differential equations. <i>Applied Mathematics and Computation</i> , 2007 , 194, 431-440	2.7	13
124	On approximate analytic expressions for the velocity of Rayleigh waves. <i>Wave Motion</i> , 2006 , 44, 120-127	1.8	13
123	Electromagnetoelastoelectric behavior induced by a crack under antiplane mechanical and inplane electric impacts. <i>International Journal of Fracture</i> , 2005 , 132, 49-64	2.3	13
122	The asymptotic stress field for a rigid circular inclusion at the interface of two bonded dissimilar elastic half-space materials. <i>International Journal of Solids and Structures</i> , 2001 , 38, 8019-8035	3.1	13
121	Surface effects on delamination of a thin film bonded to an elastic substrate. <i>International Journal of Fracture</i> , 2018 , 210, 81-94	2.3	12
120	Bending of circular nanoplates with consideration of surface effects. <i>Meccanica</i> , 2018 , 53, 985-999	2.1	12
119	Frequency equation and resonant frequencies of free-free Timoshenko beams with unequal end masses. <i>International Journal of Mechanical Sciences</i> , 2016 , 115-116, 406-415	5.5	12
118	Vibration of Double-Walled Carbon Nanotube-Based Mass Sensor via Nonlocal Timoshenko Beam Theory. <i>Journal of Nanotechnology in Engineering and Medicine</i> , 2011 , 2,		12
117	Anti-plane shear crack normal to and terminating at the interface of two bonded piezoelectric ceramics. <i>International Journal of Solids and Structures</i> , 2007 , 44, 3796-3810	3.1	12
116	T-stress analysis for a Griffith crack in a magnetoelastoelectric solid. <i>Archive of Applied Mechanics</i> , 2008 , 78, 117-125	2.2	12
115	Griffith crack moving in a piezoelectric strip. <i>Archive of Applied Mechanics</i> , 2003 , 72, 745-758	2.2	12
114	Electroelastoelectric analysis of an interface anti-plane shear crack in a layered piezoelectric plate. <i>International Journal of Engineering Science</i> , 2003 , 41, 1405-1422	5.7	12
113	A piezoelectric material with a periodic distribution of slant mode-III cracks. <i>Mechanics of Materials</i> , 2005 , 37, 189-200	3.3	12
112	Flutter and divergence instability of rectangular plates under nonconservative forces considering surface elasticity. <i>International Journal of Mechanical Sciences</i> , 2018 , 149, 254-261	5.5	12

111	The static response of functionally graded radially polarized piezoelectric spherical shells as sensors and actuators. <i>Smart Materials and Structures</i> , 2010 , 19, 035010	3.4	11
110	AN ANALYTIC APPROACH FOR EXACTLY DETERMINING CRITICAL LOADS OF BUCKLING OF NONUNIFORM COLUMNS. <i>International Journal of Structural Stability and Dynamics</i> , 2012 , 12, 1250027	1.9	11
109	An interfacially-cracked orthotropic rectangular bi-material subjected to antiplane shear loading. <i>Applied Mathematics and Computation</i> , 2006 , 174, 1060-1079	2.7	11
108	Effects of an elastic substrate on the interfacial adhesion of thin films. <i>Surface and Coatings Technology</i> , 2006 , 200, 5003-5008	4.4	11
107	Dynamic behavior of a piezoelectric ceramic layer with two surface cracks. <i>International Journal of Solids and Structures</i> , 2004 , 41, 3193-3209	3.1	11
106	Exact and approximate solutions of convective-radiative fins with temperature-dependent thermal conductivity using integral equation method. <i>International Journal of Heat and Mass Transfer</i> , 2020 , 150, 119303	4.9	11
105	Effects of Engesser's and Haringx's Hypotheses on Buckling of Timoshenko and Higher-Order Shear-Deformable Columns. <i>Journal of Engineering Mechanics - ASCE</i> , 2018 , 144, 04017150	2.4	11
104	Thermal shock fracture of an elastic half-space with a subsurface penny-shaped crack via fractional thermoelasticity. <i>Acta Mechanica</i> , 2018 , 229, 4875-4893	2.1	11
103	Fracture analysis of an infinite 1D hexagonal piezoelectric quasicrystal plate with a penny-shaped dielectric crack. <i>European Journal of Mechanics, A/Solids</i> , 2019 , 76, 224-234	3.7	10
102	Effects of nonhomogeneity on singular electroelastic field near electrodes for a functionally graded piezoelectric material. <i>European Journal of Mechanics, A/Solids</i> , 2015 , 51, 21-28	3.7	10
101	Exact solution of two collinear cracks normal to the boundaries of a 1D layered hexagonal piezoelectric quasicrystal. <i>Philosophical Magazine</i> , 2018 , 98, 1780-1798	1.6	10
100	Vibration of nonclassical shear beams with Winkler-Pasternak-type restraint. <i>Acta Mechanica</i> , 2012 , 223, 953-966	2.1	10
99	Stability and vibration analysis of axially-loaded shear beam-columns carrying elastically restrained mass. <i>Applied Mathematical Modelling</i> , 2013 , 37, 8237-8250	4.5	10
98	Size effect in transverse mechanical behavior of one-dimensional nanostructures. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2011 , 44, 207-214	3	10
97	Electroelastic field induced by thin interface electrodes between two bonded dissimilar piezoelectric ceramics 2006 , 49, 526-539		10
96	Piezoelectric gap waves between a piezoceramic half-space and a piezoceramic plate. <i>Sensors and Actuators A: Physical</i> , 2006 , 132, 472-479	3.9	10
95	Solution of a class of two-dimensional integral equations. <i>Journal of Computational and Applied Mathematics</i> , 2002 , 145, 335-343	2.4	10
94	Nanoscale mode-III interface crack in a bimaterial with surface elasticity. <i>Mechanics of Materials</i> , 2020 , 140, 103246	3.3	10

93	Singular elastic field induced by a rigid line inclusion in a thin nanoplate with surface elasticity. <i>International Journal of Mechanical Sciences</i> , 2021 , 198, 106386	5.5	10
92	Elasticity solution of the bending of beams with the flexoelectric and piezoelectric effects. <i>Smart Materials and Structures</i> , 2018 , 27, 105023	3.4	10
91	Effect of surface elasticity on stress intensity factors near mode-III crack tips. <i>Journal of Mechanics of Materials and Structures</i> , 2019 , 14, 43-60	1.2	9
90	Axisymmetric problems of a penny-shaped crack at the interface of a bi-material under shear and compression. <i>International Journal of Solids and Structures</i> , 2015 , 69-70, 403-414	3.1	9
89	Buckling of Standing Tapered Timoshenko Columns with Varying Flexural Rigidity Under Combined Loadings. <i>International Journal of Structural Stability and Dynamics</i> , 2016 , 16, 1550017	1.9	8
88	Bending Vibration of Rotating Tapered Cantilevers by Integral Equation Method. <i>AIAA Journal</i> , 2011 , 49, 872-876	2.1	8
87	Electroelastic Analysis of an Internal Interface Crack in a Half-Plane Consisting of Two Bonded Dissimilar Piezoelectric Quarter-Planes. <i>Meccanica</i> , 2003 , 38, 309-323	2.1	8
86	Exact solution of a nonlinear fin problem of temperature-dependent thermal conductivity and heat transfer coefficient. <i>Canadian Journal of Physics</i> , 2020 , 98, 700-712	1.1	8
85	Time-Fractional Hygrothermoelastic Problem for a Sphere Subjected to Heat and Moisture Flux. <i>Journal of Heat Transfer</i> , 2018 , 140,	1.8	8
84	Stress intensity factors for an external circular crack at the interface of a bi-material in shear-compression. <i>International Journal of Solids and Structures</i> , 2015 , 64-65, 221-231	3.1	7
83	Stability of cantilever on elastic foundation under a subtangential follower force via shear deformation beam theories. <i>Thin-Walled Structures</i> , 2020 , 154, 106853	4.7	7
82	Exact solution of the nonlinear fin problem with exponentially temperature-dependent thermal conductivity and heat transfer coefficient 2020 , 94, 1		7
81	Surface effect on dynamic stability of microcantilevers on an elastic foundation under a subtangential follower force. <i>International Journal of Mechanics and Materials in Design</i> , 2018 , 14, 91-104 ^{2.5}		7
80	A note on stress intensity factors for a crack emanating from a sharp V-notch. <i>Engineering Fracture Mechanics</i> , 2012 , 90, 180-187	4.2	7
79	Interfacial waves in dissimilar piezoelectric cubic crystals with an imperfect bonding. <i>IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control</i> , 2011 , 58, 1261-5	3.2	7
78	Strain incompatibility between dissimilar piezoceramics with a penny-shaped interfacial electrode. <i>Mechanics of Materials</i> , 2007 , 39, 977-986	3.3	7
77	Modified method for determining an approximate solution of the Fredholm-Volterra integral equations by Taylor expansion. <i>International Journal of Computer Mathematics</i> , 2006 , 83, 637-649	1.2	7
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