Shi-Rong Li

List of Publications by Year
in descending order

36 papers	1,094 citations	331670 21 h-index	414414 32 g-index
36 all docs	36 docs citations	36 times ranked	593 citing authors

#	Article	IF	Citations
1	Relations between buckling loads of functionally graded Timoshenko and homogeneous Eulerâ€“Bernoulli beams. Composite Structures, 2013, 95, 5-9.	5.8	117
2	Nonlinear thermomechanical post-buckling of circular FGM plate with geometric imperfection. Thin-Walled Structures, 2007, 45, 528-536.	5.3	97
3	Buckling of axially compressed thin cylindrical shells with functionally graded middle layer. Thin-Walled Structures, 2006, 44, 1039-1047.	5.3	73
4	Thermal post-buckling of Functionally Graded Material Timoshenko beams. Applied Mathematics and Mechanics (English Edition), 2006, 27, 803-810.	3.6	71
5	THERMAL POST-BUCKLING OF A HEATED ELASTIC ROD WITH PINNED-FIXED ENDS. Journal of Thermal Stresses, 2002, 25, 45-56.	2.0	56
6	Free vibration of functionally graded material beams with surface-bonded piezoelectric layers in thermal environment. Applied Mathematics and Mechanics (English Edition), 2009, 30, 969-982.	3.6	54
7	Free vibration of three-layer circular cylindrical shells with functionally graded middle layer. Mechanics Research Communications, 2010, 37, 577-580.	1.8	54
8	Thermal buckling and post-buckling of FGM Timoshenko beams on nonlinear elastic foundation. Journal of Thermal Stresses, 2016, 39, 11-26.	2.0	48
9	Bending solutions of FGM Timoshenko beams from those of the homogenous Eulerâ€“Bernoulli beams. Applied Mathematical Modelling, 2013, 37, 7077-7085.	4.2	46
10	Thermal buckling and post-buckling of pinnedâ€“fixed Eulerâ€“Bernoulli beams on an elastic foundation. Mechanics Research Communications, 2007, 34, 164-171.	1.8	40
11	Large thermal deflections of Timoshenko beams under transversely non-uniform temperature rise. Mechanics Research Communications, 2006, 33, 84-92.	1.8	31
12	Vibration of Thermally Post-Buckled Orthotropic Circular Plates. Journal of Thermal Stresses, 2007, 30, 43-57.	2.0	31
13	Analysis of thermoelastic damping of functionally graded material beam resonators. Composite Structures, 2017, 182, 728-736.	5.8	30
14	GEOMETRICALLY NONLINEAR ANALYSIS OF TIMOSHENKO BEAMS UNDER THERMOMECHANICAL LOADINGS. Journal of Thermal Stresses, 2003, 26, 861-872.	2.0	29
15	Free Vibration of Thermally Pre/Post-Buckled Circular Thin Plates Embedded with Shape Memory Alloy Fibers. Journal of Thermal Stresses, 2010, 33, 79-96.	2.0	26
16	Free vibration of functionally graded beams based on both classical and first-order shear deformation beam theories. Applied Mathematics and Mechanics (English Edition), 2014, 35, 591-606.	3.6	26
17	NONLINEAR VIBRATION OF HEATED ORTHOTROPIC ANNULAR PLATES WITH IMMOVABLY HINGED EDGES. Journal of Thermal Stresses, 2003, 26, 691-700.	2.0	25
18	Analysis of free vibration of functionally graded material micro-plates with thermoelastic damping. Archive of Applied Mechanics, 2020, 90, 1285-1304.	2.2	25

#	Article	IF	Citations
19	Free Vibration of Functionally Graded Truncated Conical Shells Using the GDQ Method. Mechanics of Advanced Materials and Structures, 2013, 20, 61-73.	2.6	24
20	DQM-Based Thermal Stresses Analysis of a Functionally Graded Cylindrical Shell Under Thermal Shock. Journal of Thermal Stresses, 2015, 38, 959-982.	2.0	23
21	Free vibration analysis of functionally graded material beams based on Levinson beam theory. Applied Mathematics and Mechanics (English Edition), 2016, 37, 861-878.	3.6	22
22	Propagation of thermoelastic waves in unsaturated porothermoelastic media. Journal of Thermal Stresses, 2019, 42, 1256-1271.	2.0	22
23	Correspondence Relations Between Deflection, Buckling Load, and Frequencies of Thin Functionally Graded Material Plates and Those of Corresponding Homogeneous Plates. Journal of Applied Mechanics, Transactions ASME, 2015, 82, .	2.2	21
24	Modelling and evaluation of thermoelastic damping of FGM micro plates based on the Levinson plate theory. Composite Structures, 2021, 278, 114684.	5.8	17
25	Thermoelastic Damping of Functionally Graded Material Micro-Beam Resonators Based on the Modified Couple Stress Theory. Acta Mechanica Solida Sinica, 2020, 33, 496-507.	1.9	15
26	Thermoelastic damping in functionally graded material circular micro plates. Journal of Thermal Stresses, 2018, 41, 1396-1413.	2.0	14
27	Free vibration of FGM Timoshenko beams with through-width delamination. Science China: Physics, Mechanics and Astronomy, 2014, 57, 927-934.	5.1	9
28	Classical and homogenized expressions for buckling solutions of functionally graded material Levinson beams. Acta Mechanica Solida Sinica, 2015, 28, 592-604.	1.9	8
29	Thermal buckling analysis of functionally graded cylindrical shells. Applied Mathematics and Mechanics (English Edition), 2017, 38, 1059-1070.	3.6	8
30	Thermal buckling and postbuckling of FGM circular plates with in-plane elastic restraints. Applied Mathematics and Mechanics (English Edition), 2017, 38, 1459-1470.	3.6	8
31	Geometrically Nonlinear Analysis of Functionally Graded Timoshenko Curved Beams with Variable Curvatures. Advances in Materials Science and Engineering, 2019, 2019, 1-10.	1.8	8
32	Homogenized and classical expressions for static bending solutions for functionally graded material Levinson beams. Applied Mathematics and Mechanics (English Edition), 2015, 36, 895-910.	3.6	6
33	Bending Solutions of FGM Reddyâ€"Bickford Beams in Terms of Those of the Homogenous Eulerâ€"Bernoulli Beams. Acta Mechanica Solida Sinica, 2019, 32, 499-516.	1.9	5
34	Thermal Post-Buckling of Functionally Graded Material Circular Plates Subjected to Transverse Point-Space Constraints. Journal of Thermal Stresses, 2014, 37, 1153-1172.	2.0	4
35	Nonlinear Bending of a Cantilever Beam Subjected to a Tip Concentrated Follower Force. , 2010, , .		1
36	Experimental and Theoretical Research on Low-Strength Concrete Beams Reinforced with Basalt Fibre-Reinforced Plastic Sheets in a Freezeâ€"Thaw Environment. Arabian Journal for Science and Engineering, 2021, 46, 5121-5134.	3.0	0