

Shi-Rong Li

List of Publications by Year in descending order

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papers

1,094
citations

331670

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414414

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docs citations

36
times ranked

593
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental and Theoretical Research on Low-Strength Concrete Beams Reinforced with Basalt Fibre-Reinforced Plastic Sheets in a Freeze-Thaw Environment. <i>Arabian Journal for Science and Engineering</i> , 2021, 46, 5121-5134.	3.0	0
2	Modelling and evaluation of thermoelastic damping of FGM micro plates based on the Levinson plate theory. <i>Composite Structures</i> , 2021, 278, 114684.	5.8	17
3	Thermoelastic Damping of Functionally Graded Material Micro-Beam Resonators Based on the Modified Couple Stress Theory. <i>Acta Mechanica Solida Sinica</i> , 2020, 33, 496-507.	1.9	15
4	Analysis of free vibration of functionally graded material micro-plates with thermoelastic damping. <i>Archive of Applied Mechanics</i> , 2020, 90, 1285-1304.	2.2	25
5	Propagation of thermoelastic waves in unsaturated porothermoelastic media. <i>Journal of Thermal Stresses</i> , 2019, 42, 1256-1271.	2.0	22
6	Geometrically Nonlinear Analysis of Functionally Graded Timoshenko Curved Beams with Variable Curvatures. <i>Advances in Materials Science and Engineering</i> , 2019, 2019, 1-10.	1.8	8
7	Bending Solutions of FGM Reddy-Bickford Beams in Terms of Those of the Homogenous Euler-Bernoulli Beams. <i>Acta Mechanica Solida Sinica</i> , 2019, 32, 499-516.	1.9	5
8	Thermoelastic damping in functionally graded material circular micro plates. <i>Journal of Thermal Stresses</i> , 2018, 41, 1396-1413.	2.0	14
9	Thermal buckling analysis of functionally graded cylindrical shells. <i>Applied Mathematics and Mechanics (English Edition)</i> , 2017, 38, 1059-1070.	3.6	8
10	Analysis of thermoelastic damping of functionally graded material beam resonators. <i>Composite Structures</i> , 2017, 182, 728-736.	5.8	30
11	Thermal buckling and postbuckling of FGM circular plates with in-plane elastic restraints. <i>Applied Mathematics and Mechanics (English Edition)</i> , 2017, 38, 1459-1470.	3.6	8
12	Free vibration analysis of functionally graded material beams based on Levinson beam theory. <i>Applied Mathematics and Mechanics (English Edition)</i> , 2016, 37, 861-878.	3.6	22
13	Thermal buckling and post-buckling of FGM Timoshenko beams on nonlinear elastic foundation. <i>Journal of Thermal Stresses</i> , 2016, 39, 11-26.	2.0	48
14	Correspondence Relations Between Deflection, Buckling Load, and Frequencies of Thin Functionally Graded Material Plates and Those of Corresponding Homogeneous Plates. <i>Journal of Applied Mechanics, Transactions ASME</i> , 2015, 82, .	2.2	21
15	DQM-Based Thermal Stresses Analysis of a Functionally Graded Cylindrical Shell Under Thermal Shock. <i>Journal of Thermal Stresses</i> , 2015, 38, 959-982.	2.0	23
16	Homogenized and classical expressions for static bending solutions for functionally graded material Levinson beams. <i>Applied Mathematics and Mechanics (English Edition)</i> , 2015, 36, 895-910.	3.6	6
17	Classical and homogenized expressions for buckling solutions of functionally graded material Levinson beams. <i>Acta Mechanica Solida Sinica</i> , 2015, 28, 592-604.	1.9	8
18	Thermal Post-Buckling of Functionally Graded Material Circular Plates Subjected to Transverse Point-Space Constraints. <i>Journal of Thermal Stresses</i> , 2014, 37, 1153-1172.	2.0	4

#	ARTICLE	IF	CITATIONS
19	Free vibration of FGM Timoshenko beams with through-width delamination. Science China: Physics, Mechanics and Astronomy, 2014, 57, 927-934.	5.1	9
20	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
21	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
22	Bending solutions of FGM Timoshenko beams from those of the homogenous Euler-Bernoulli beams. Applied Mathematical Modelling, 2013, 37, 7077-7085.	4.2	46
23	Relations between buckling loads of functionally graded Timoshenko and homogeneous Euler-Bernoulli beams. Composite Structures, 2013, 95, 5-9.	5.8	117
24	Nonlinear Bending of a Cantilever Beam Subjected to a Tip Concentrated Follower Force. , 2010, , .		1
25	Free vibration of three-layer circular cylindrical shells with functionally graded middle layer. Mechanics Research Communications, 2010, 37, 577-580.	1.8	54
26	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
27	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
28	Vibration of Thermally Post-Buckled Orthotropic Circular Plates. Journal of Thermal Stresses, 2007, 30, 43-57.	2.0	31
29	Thermal buckling and post-buckling of pinned-fixed Euler-Bernoulli beams on an elastic foundation. Mechanics Research Communications, 2007, 34, 164-171.	1.8	40
30	Nonlinear thermomechanical post-buckling of circular FGM plate with geometric imperfection. Thin-Walled Structures, 2007, 45, 528-536.	5.3	97
31	Large thermal deflections of Timoshenko beams under transversely non-uniform temperature rise. Mechanics Research Communications, 2006, 33, 84-92.	1.8	31
32	Buckling of axially compressed thin cylindrical shells with functionally graded middle layer. Thin-Walled Structures, 2006, 44, 1039-1047.	5.3	73
33	Thermal post-buckling of Functionally Graded Material Timoshenko beams. Applied Mathematics and Mechanics (English Edition), 2006, 27, 803-810.	3.6	71
34	GEOMETRICALLY NONLINEAR ANALYSIS OF TIMOSHENKO BEAMS UNDER THERMOMECHANICAL LOADINGS. Journal of Thermal Stresses, 2003, 26, 861-872.	2.0	29
35	NONLINEAR VIBRATION OF HEATED ORTHOTROPIC ANNULAR PLATES WITH IMMOVABLY HINGED EDGES. Journal of Thermal Stresses, 2003, 26, 691-700.	2.0	25
36	THERMAL POST-BUCKLING OF A HEATED ELASTIC ROD WITH PINNED-FIXED ENDS. Journal of Thermal Stresses, 2002, 25, 45-56.	2.0	56