Xin Jia

List of Publications by Year
in descending order

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13	56	2258059	1872680
papers	citations	3	6
		h-index	g-index

13	13	13	40
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Displacement-based finite difference approximations of derivatives of the tangent stiffness matrix with respect to the load parameter. Proceedings in Applied Mathematics and Mechanics, 2014, 14, 195-196.	0.2	0
2	Determination of the derivative of the tangent stiffness matrix with respect to the load parameter. Proceedings in Applied Mathematics and Mechanics, 2013, 13, 119-120.	0.2	2
3	Diagnosis of and remedy for imperfection sensitivity of arch bridges. Proceedings in Applied Mathematics and Mechanics, 2011, 11, 957-958.	0.2	0
4	On the influence of the prebuckling behavior of elastic structures on their initial postbuckling behavior. Proceedings in Applied Mathematics and Mechanics, 2011, 11, 961-962.	0.2	0
5	On the interdependency of primary and initial secondary equilibrium paths in sensitivity analysis of elastic structures. Computer Methods in Applied Mechanics and Engineering, 2011, 200, 1558-1567.	6.6	10
6	Correlation of constraint conditions in Koiter's initial postbuckling analysis and in the consistently linearized eigenvalue problem. Proceedings in Applied Mathematics and Mechanics, 2010, 10, 163-164.	0.2	0
7	Necessary and Sufficient Conditions for Zero-stiffness Postbuckling. Proceedings in Applied Mathematics and Mechanics, 2010, 10, 173-174.	0.2	1
8	HILLTOP BUCKLING AS THE A AND O IN SENSITIVITY ANALYSIS OF THE INITIAL POSTBUCKLING BEHAVIOR OF ELASTIC STRUCTURES. Journal of Civil Engineering and Management, 2009, 15, 35-46.	3.5	20
9	Imperfection Sensitivity or Insensitivity of Zero-stiffness Postbuckling â€¦ that is the Question. Proceedings in Applied Mathematics and Mechanics, 2009, 9, 241-242.	0.2	2
10	Is hilltop buckling imperfection sensitive or insensitive?. Proceedings in Applied Mathematics and Mechanics, 2009, 9, 249-250.	0.2	0
11	Modes of transition from imperfection sensitivity to imperfection insensitivity. Proceedings in Applied Mathematics and Mechanics, 2009, 9, 255-256.	0.2	0
12	Imperfection Sensitivity or Insensitivity of Zero-Stiffness Postbuckling â€¦ That Is the Question. , 2009, , 103-110.		2
13	Conditions for symmetric, antisymmetric, and zero-stiffness bifurcation in view of imperfection sensitivity and insensitivity. Computer Methods in Applied Mechanics and Engineering, 2008, 197, 3623-3636.	6.6	19