

# Xin Jia

## List of Publications by Year in descending order

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13  
papers

56  
citations

2258059

3  
h-index

1872680

6  
g-index

13  
all docs

13  
docs citations

13  
times ranked

40  
citing authors

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