

Simon Schnabl

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

340
citations

1307366

7
h-index

1199470

12
g-index

15
all docs

15
docs citations

15
times ranked

174
citing authors

#	ARTICLE	IF	CITATIONS
1	Analytical Solution of Two-Layer Beam Taking into account Interlayer Slip and Shear Deformation. <i>Journal of Structural Engineering</i> , 2007, 133, 886-894.	1.7	133
2	Locking-free two-layer Timoshenko beam element with interlayer slip. <i>Finite Elements in Analysis and Design</i> , 2007, 43, 705-714.	1.7	60
3	An analytical model of layered continuous beams with partial interaction. <i>Structural Engineering and Mechanics</i> , 2006, 22, 263-278.	1.0	45
4	Exact slip-buckling analysis of two-layer composite columns. <i>International Journal of Solids and Structures</i> , 2009, 46, 2929-2938.	1.3	36
5	Reliability analysis of a glulam beam. <i>Structural Safety</i> , 2007, 29, 279-293.	2.8	19
6	Fire analysis of timber composite beams with interlayer slip. <i>Fire Safety Journal</i> , 2009, 44, 770-778.	1.4	15
7	Circumferential gap and partial debonding effects on buckling loads and modes of slender CFST circular columns. <i>Acta Mechanica</i> , 2019, 230, 909-928.	1.1	11
8	Buckling Loads of Two-Layer Composite Columns with Interlayer Slip and Stochastic Material Properties. <i>Journal of Engineering Mechanics - ASCE</i> , 2013, 139, 961-966.	1.6	6
9	Buckling of Slender Concrete-Filled Steel Tubes with Compliant Interfaces. <i>Latin American Journal of Solids and Structures</i> , 2017, 14, 1837-1852.	0.6	6
10	The effect of longitudinal cracks on buckling loads of columns. <i>Archive of Applied Mechanics</i> , 2019, 89, 847-858.	1.2	3
11	Analytical Buckling Loads of Columns Weakened Simultaneously with Transverse Cracks and Partial Delamination. <i>International Journal of Structural Stability and Dynamics</i> , 2019, 19, 1950027.	1.5	3
12	Analytical solution of a composite beam with finger joints and incomplete interaction between the layers. <i>Acta Mechanica</i> , 2021, 232, 4405-4427.	1.1	2
13	Three-dimensional bimetallic layered beams with interface compliance: Analytical solution. <i>Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials: Design and Applications</i> , 0, , 146442071880370.	0.7	1
14	The effect of longitudinal cracks and interface adhesion on buckling of columns: analytical solution. <i>Archive of Applied Mechanics</i> , 2019, 89, 1677-1689.	1.2	0
15	Buckling of circular CFDST slender columns with compliant interfaces: exact solution. <i>Journal of Mechanics of Materials and Structures</i> , 2020, 15, 499-509.	0.4	0