

Jung Woo Lee

List of Publications by Year in descending order

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11
papers

276
citations

1307594

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1281871

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11
all docs

11
docs citations

11
times ranked

222
citing authors

#	ARTICLE	IF	CITATIONS
1	Free vibration analysis of functionally graded Bernoulli-Euler beams using an exact transfer matrix expression. <i>International Journal of Mechanical Sciences</i> , 2017, 122, 1-17.	6.7	107
2	Free vibration analysis using the transfer-matrix method on a tapered beam. <i>Computers and Structures</i> , 2016, 164, 75-82.	4.4	61
3	An exact transfer matrix expression for bending vibration analysis of a rotating tapered beam. <i>Applied Mathematical Modelling</i> , 2018, 53, 167-188.	4.2	37
4	In-plane bending vibration analysis of a rotating beam with multiple edge cracks by using the transfer matrix method. <i>Meccanica</i> , 2017, 52, 1143-1157.	2.0	20
5	A transfer matrix method capable of determining the exact solutions of a twisted Bernoulli-Euler beam with multiple edge cracks. <i>Applied Mathematical Modelling</i> , 2017, 41, 474-493.	4.2	10
6	Free vibration analysis of a rotating double-tapered beam using the transfer matrix method. <i>Journal of Mechanical Science and Technology</i> , 2020, 34, 2731-2744.	1.5	10
7	Free vibration analysis of axially moving beams using the transfer matrix method. <i>Journal of Mechanical Science and Technology</i> , 2021, 35, 1369-1376.	1.5	9
8	Contribution rates of normal and shear strain energies to the natural frequencies of functionally graded shear deformation beams. <i>Composites Part B: Engineering</i> , 2019, 159, 86-104.	12.0	7
9	Free vibration analysis of tapered Rayleigh beams using the transfer matrix method. <i>Journal of the Brazilian Society of Mechanical Sciences and Engineering</i> , 2020, 42, 1.	1.6	7
10	Exact Solutions for Bending Vibration of Beam with Linearly Reduced width Along Its Length. <i>Transactions of the Korean Society for Noise and Vibration Engineering</i> , 2015, 25, 420-425.	0.4	6
11	Numerical Stability of the Transfer Matrix Method Based on Transcendental Functions for Vibration Analyses of the Structures. <i>Transactions of the Korean Society for Noise and Vibration Engineering</i> , 2017, 27, 740-751.	0.4	2