

# Mohammad Karkon

## List of Publications by Year in descending order

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14  
papers

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citations

1307594

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1199594

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docs citations

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times ranked

99  
citing authors

#	ARTICLE	IF	CITATIONS
1	A new three-node element for bending, free vibration and buckling analysis of composite laminated beams based on FSDT theory. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2020, 42, 1.	1.6	2
2	Finite Element Analysis of Orthotropic Thin Plates Using Analytical Solution. Iranian Journal of Science and Technology - Transactions of Civil Engineering, 2019, 43, 125-135.	1.9	2
3	An efficient finite element formulation for bending, free vibration and stability analysis of Timoshenko beams. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2018, 40, 1.	1.6	9
4	A quadrilateral plate bending element based on deformation modes. Applied Mathematical Modelling, 2017, 41, 618-629.	4.2	2
5	Geometrical Nonlinear Analysis of Plane Problems by Corotational Formulation. Journal of Engineering Mechanics - ASCE, 2016, 142, .	2.9	7
6	Hybrid-Trefftz formulation for analysis of thick orthotropic plates. Aerospace Science and Technology, 2016, 50, 234-244.	4.8	13
7	Hybrid-Trefftz formulation for analysis of anisotropic and symmetric laminated plates. Composite Structures, 2015, 134, 460-474.	5.8	10
8	Hybrid stress and analytical functions for analysis of thin plates bending. Latin American Journal of Solids and Structures, 2014, 11, 556-579.	1.0	4
9	OPTIMAL NODE LOCATION IN TRIANGULAR PLATE BENDING ELEMENTS. International Journal of Computational Methods, 2014, 11, 1350075.	1.3	2
10	Two higher order hybrid-Trefftz elements for thin plate bending analysis. Finite Elements in Analysis and Design, 2014, 85, 73-86.	3.2	18
11	An effective membrane element based on analytical solution. European Journal of Mechanics, A/Solids, 2013, 39, 268-279.	3.7	23
12	Finite Element Formulation for Stability and Free Vibration Analysis of Timoshenko Beam. Advances in Acoustics and Vibration, 2013, 2013, 1-7.	0.5	16
13	HYBRID TREFFTZ FORMULATION FOR THIN PLATE ANALYSIS. International Journal of Computational Methods, 2012, 09, 1250053.	1.3	8
14	Two efficient hybrid-trefftz elements for plate bending analysis. Latin American Journal of Solids and Structures, 2012, 9, 43-67.	1.0	22