

# 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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14  
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docs citations

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times ranked

99  
citing authors

#	ARTICLE	IF	CITATIONS
1	An effective membrane element based on analytical solution. European Journal of Mechanics, A/Solids, 2013, 39, 268-279.	3.7	23
2	Two efficient hybrid-trefftz elements for plate bending analysis. Latin American Journal of Solids and Structures, 2012, 9, 43-67.	1.0	22
3	Two higher order hybrid-Trefftz elements for thin plate bending analysis. Finite Elements in Analysis and Design, 2014, 85, 73-86.	3.2	18
4	Finite Element Formulation for Stability and Free Vibration Analysis of Timoshenko Beam. Advances in Acoustics and Vibration, 2013, 2013, 1-7.	0.5	16
5	Hybrid-Trefftz formulation for analysis of thick orthotropic plates. Aerospace Science and Technology, 2016, 50, 234-244.	4.8	13
6	Hybrid-Trefftz formulation for analysis of anisotropic and symmetric laminated plates. Composite Structures, 2015, 134, 460-474.	5.8	10
7	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
8	HYBRID TREFFTZ FORMULATION FOR THIN PLATE ANALYSIS. International Journal of Computational Methods, 2012, 09, 1250053.	1.3	8
9	Geometrical Nonlinear Analysis of Plane Problems by Corotational Formulation. Journal of Engineering Mechanics - ASCE, 2016, 142, .	2.9	7
10	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
11	OPTIMAL NODE LOCATION IN TRIANGULAR PLATE BENDING ELEMENTS. International Journal of Computational Methods, 2014, 11, 1350075.	1.3	2
12	A quadrilateral plate bending element based on deformation modes. Applied Mathematical Modelling, 2017, 41, 618-629.	4.2	2
13	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
14	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