Marcos Arndt

List of Publications by Year
in descending order

14 papers	75 citations	1684188 5 h-index	1588992 8 g-index
14 all docs	14 docs citations	14 times ranked	27 citing authors

#	Article	IF	Citations
1	Selective enrichment and modal matrix reduction in the generalized / eXtended Finite Element Method applied to dynamic analysis of plane state problems. European Journal of Mechanics, A/Solids, 2022, 91, 104430.	3.7	1
2	Assessment of the flat-top stable GFEM for free vibration analysis. Computers and Mathematics With Applications, 2022, 117, 271-283.	2.7	5
3	Free in-plane vibration analysis of curved beams by the generalized/extended finite element method. European Journal of Mechanics, A/Solids, 2021, 88, 104244.	3.7	11
4	An enriched formulation of isogeometric analysis applied to the dynamical response of bars and trusses. Engineering Computations, 2020, 37, 2439-2466.	1.4	3
5	Transient dynamic analysis of bars and trusses by the adaptive generalized finite element method. Engineering Computations, 2019, 37, 789-821.	1.4	1
6	GFEM STABILIZATION TECHNIQUES APPLIED TO DYNAMIC ANALYSIS OF NON-UNIFORM SECTION BARS. Latin American Journal of Solids and Structures, 2018, 15, .	1.0	4
7	Isogeometric analysis of free vibration of framed structures: comparative problems. Engineering Computations, 2017, 34, 377-402.	1.4	10
8	Numerical analysis of plane stress free vibration in severely distorted mesh by Generalized Finite Element Method. European Journal of Mechanics, A/Solids, 2017, 62, 50-66.	3.7	9
9	Accurate assessment of natural frequencies for uniform and non-uniform Euler-Bernoulli beams and frames by adaptive generalized finite element method. Engineering Computations, 2016, 33, 1586-1609.	1.4	10
10	GFEM for modal analysis of 2D wave equation. Engineering Computations, 2015, 32, 1779-1801.	1.4	10
11	The Generalized Finite Element Method Applied to Free Vibration of Framed Structures. , 2011, , .		3
12	The composite element method applied to free vibration analysis ofÂtrusses and beams. Applied Numerical Mathematics, 2003, 47, 59-73.	2.1	5
13	An Introduction to the Composite Element Method Applied to the Vibration Analysis of Trusses. Shock and Vibration, 2002, 9, 155-164.	0.6	2
14	FREE VIBRATION ANALYSIS OF TRUSSES APPLYING THE GENERALIZED FINITE ELEMENT METHOD WITH A SELECTIVE MESH ENRICHMENT. , 0, , .		1