Gabriela Rezende Fernandes

List of Publications by Year
in descending order

23 papers	269 citations	840776 11 h-index	940533 16 g-index
23 all docs	23 docs citations	23 times ranked	74 citing authors

#	Article	IF	Citations
1	Anisotropic Damage Model for Concrete. Journal of Engineering Mechanics - ASCE, 2011, 137, 610-624.	2.9	36
2	Building floor analysis by the boundary element method. Computational Mechanics, 2005, 35, 277-291.	4.0	34
3	Stiffened plate bending analysis by the boundary element method. Computational Mechanics, 2002, 28, 275-281.	4.0	26
4	Multi-scale modelling for bending analysis of heterogeneous plates by coupling BEM and FEM. Engineering Analysis With Boundary Elements, 2015, 51, 1-13.	3.7	22
5	Non-linear boundary element analysis of floor slabs reinforced with rectangular beams. Engineering Analysis With Boundary Elements, 2007, 31, 721-737.	3.7	21
6	FEM/BEM formulation for multi-scale analysis of stretched plates. Engineering Analysis With Boundary Elements, 2015, 54, 47-59.	3.7	21
7	Plate bending boundary element formulation considering variable thickness. Engineering Analysis With Boundary Elements, 1999, 23, 405-418.	3.7	17
8	Non-linear boundary element analysis of plates applied to concrete slabs. Engineering Analysis With Boundary Elements, 2002, 26, 169-181.	3.7	15
9	A BEM formulation for linear bending analysis of plates reinforced by beams considering different materials. Engineering Analysis With Boundary Elements, 2009, 33, 1132-1140.	3.7	15
10	Self-consistent linearization of non-linear BEM formulations with quadratic convergence. Computational Mechanics, 2013, 52, 1125-1139.	4.0	14
11	A BEM formulation based on Reissner's theory to perform simple bending analysis of plates reinforced by rectangular beams. Computational Mechanics, 2008, 42, 671-683.	4.0	12
12	A BEM formulation for analysing the coupled stretching–bending problem of plates reinforced by rectangular beams with columns defined in the domain. Computational Mechanics, 2010, 45, 523-539.	4.0	9
13	A boundary element formulation to perform elastic analysis of heterogeneous microstructures. Engineering Analysis With Boundary Elements, 2018, 87, 47-65.	3.7	9
14	A BEM formulation based on Reissner's hypothesis for analysing the coupled stretching–bending problem of building floor structures. Engineering Analysis With Boundary Elements, 2012, 36, 1377-1388.	3.7	8
15	Análise da influência dos processos de plasticidade e fratura no comportamento mecânico de microestruturas de Compósitos de Matriz Metálica. Revista Materia, 2016, 21, 577-598.	0.2	7
16	Análise da influência de microestruturas heterogêneas na resposta macromecânica do problema bidimensional de placas. Revista Materia, 2017, 22, .	0.2	1
17	Formulação multi-escala para a análise de flexão de placas considerando processos dissipativos na microestrutura e acoplamento MEC/MEF. Revista Materia, 2017, 22, .	0.2	1
18	Computational homogenisation approach applied to improve mechanical properties of heterogeneous materials. Computational and Applied Mathematics, 2021, 40, 1.	2.2	1

#	Article	IF	Citations
19	Análise estrutural de vigas mistas treliçadas do tipo steel-joist warren modificada. Revista Materia, 2017, 22, .	0.2	0
20	Análise não linear de chapas através de uma formulação do método dos elementos de contorno com convergência quadrática. Revista Materia, 2016, 21, 27-48.	0.2	0
21	Mapeamento sistemático de referências da análise de placas compostas por materiais heterogêneos através de uma abordagem em multiescala [Mapping study of references of the analysis of plates composed by heterogeneous materials through a multiscale modelli. REEC: Revista Eletrônica De Engenharia Civil, 2018, 14, .	0.1	0
22	Análise em multi-escala do problema bidimensional de placas submetidas ao cisalhamento e considerando descolamento de fases. Revista Materia, 2020, 25, .	0.2	0
23	Análise da resposta constitutiva de materiais heterogêneos pelo Método dos Elementos de Contorno, considerando-se diferentes microestruturas para o EVR. Revista Materia, 2020, 25, .	0.2	0