

Adeildo S Ramos

List of Publications by Year in descending order

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papers

261
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1032804

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docs citations

12
times ranked

196
citing authors

#	ARTICLE	IF	CITATIONS
1	Topology optimization considering the Drucker–Prager criterion with a surrogate nonlinear elastic constitutive model. <i>Structural and Multidisciplinary Optimization</i> , 2020, 62, 3205-3227.	3.5	7
2	Topology optimization of tension-only cable nets under finite deformations. <i>Structural and Multidisciplinary Optimization</i> , 2020, 62, 559-579.	3.5	9
3	On structural topology optimization considering material nonlinearity: Plane strain versus plane stress solutions. <i>Advances in Engineering Software</i> , 2019, 131, 217-231.	3.8	8
4	Material nonlinear topology optimization considering the von Mises criterion through an asymptotic approach: Max strain energy and max load factor formulations. <i>International Journal for Numerical Methods in Engineering</i> , 2019, 118, 804-828.	2.8	15
5	Multi-material topology optimization with multiple volume constraints: a general approach applied to ground structures with material nonlinearity. <i>Structural and Multidisciplinary Optimization</i> , 2018, 57, 161-182.	3.5	65
6	Multimaterial topology optimization with multiple volume constraints: Combining the ZPR update with a ground structure algorithm to select a single material per overlapping set. <i>International Journal for Numerical Methods in Engineering</i> , 2018, 114, 1053-1073.	2.8	19
7	Closure to “Macroelement and Macropatch Approaches to Structural Topology Optimization Using the Ground Structure Method” by Xiaojia Zhang, Sushant Maheshwari, Adeildo S. Ramos Jr., and Glaucio H. Paulino. <i>Journal of Structural Engineering</i> , 2018, 144, 07018009.	3.5	0
8	Material nonlinear topology optimization using the ground structure method with a discrete filtering scheme. <i>Structural and Multidisciplinary Optimization</i> , 2017, 55, 2045-2072.	3.5	47
9	A maximum filter for the ground structure method: An optimization tool to harness multiple structural designs. <i>Engineering Structures</i> , 2017, 151, 235-252.	5.3	11
10	Filtering structures out of ground structures “a discrete filtering tool for structural design optimization. <i>Structural and Multidisciplinary Optimization</i> , 2016, 54, 95-116.	3.5	24
11	Macroelement and Macropatch Approaches to Structural Topology Optimization Using the Ground Structure Method. <i>Journal of Structural Engineering</i> , 2016, 142, .	3.5	21
12	Convex topology optimization for hyperelastic trusses based on the ground-structure approach. <i>Structural and Multidisciplinary Optimization</i> , 2015, 51, 287-304.	3.5	35