Federico Ferrari

List of Publications by Year
in descending order

7 papers	341 citations	1307594 7 h-index	1720034 7 g-index
7 all docs	7 docs citations	7 times ranked	211 citing authors

#	ARTICLE	IF	CITATIONS
1	A new generation 99 line Matlab code for compliance topology optimization and its extension to 3D. Structural and Multidisciplinary Optimization, 2020, 62, 2211-2228.	3.5	114
2	Revisiting topology optimization with buckling constraints. Structural and Multidisciplinary Optimization, 2019, 59, 1401-1415.	3.5	79
3	Towards solving large-scale topology optimization problems with buckling constraints at the cost of linear analyses. Computer Methods in Applied Mechanics and Engineering, 2020, 363, 112911.	6.6	36
4	Eigenvalue topology optimization via efficient multilevel solution of the frequency response. International Journal for Numerical Methods in Engineering, 2018, 115, 872-892.	2.8	34
5	Topology optimization with linearized buckling criteria in 250 lines of Matlab. Structural and Multidisciplinary Optimization, 2021, 63, 3045-3066.	3.5	34
6	Frequency response as a surrogate eigenvalue problem in topology optimization. International Journal for Numerical Methods in Engineering, 2018, 113, 1214-1229.	2.8	28
7	Revisiting element removal for density-based structural topology optimization with reintroduction by Heaviside projection. Computer Methods in Applied Mechanics and Engineering, 2021, 380, 113799.	6.6	16