

Federico Ferrari

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

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citations

1307594

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1720034

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g-index

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docs citations

7
times ranked

211
citing authors

#	ARTICLE	IF	CITATIONS
1	Topology optimization with linearized buckling criteria in 250 lines of Matlab. Structural and Multidisciplinary Optimization, 2021, 63, 3045-3066.	3.5	34
2	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
3	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
4	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
5	Revisiting topology optimization with buckling constraints. Structural and Multidisciplinary Optimization, 2019, 59, 1401-1415.	3.5	79
6	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
7	Frequency response as a surrogate eigenvalue problem in topology optimization. International Journal for Numerical Methods in Engineering, 2018, 113, 1214-1229.	2.8	28