Marco Tezzele

List of Publications by Year
in descending order

15 papers	**274** citations	932766 **10** h-index	1058022 **14** g-index
15 all docs	**15** docs citations	**15** times ranked	**144** citing authors

#	Article	IF	Citations
1	On the comparison of LES data-driven reduced order approaches for hydroacoustic analysis. Computers and Fluids, 2021, 216, 104819.	1.3	14
2	A Supervised Learning Approach Involving Active Subspaces for an Efficient Genetic Algorithm in High-Dimensional Optimization Problems. SIAM Journal of Scientific Computing, 2021, 43, B831-B853.	1.3	13
3	PyGeM: Python Geometrical Morphing. Software Impacts, 2021, 7, 100047.	0.8	18
4	Hull Shape Design Optimization with Parameter Space and Model Reductions, and Self-Learning Mesh Morphing. Journal of Marine Science and Engineering, 2021, 9, 185.	1.2	22
5	Multi‐fidelity data fusion for the approximation of scalar functions with low intrinsic dimensionality through active subspaces. Proceedings in Applied Mathematics and Mechanics, 2021, 20, e202000349.	0.2	1
6	ATHENA: Advanced Techniques for High dimensional parameter spaces to Enhance Numerical Analysis. Software Impacts, 2021, 10, 100133.	0.8	6
7	Enhancing CFD predictions in shape design problems by model and parameter space reduction. Advanced Modeling and Simulation in Engineering Sciences, 2020, 7, .	0.7	15
8	Reduced Order Isogeometric Analysis Approach for PDEs in Parametrized Domains. Lecture Notes in Computational Science and Engineering, 2020, , 153-170.	0.1	7
9	1 Basic ideas and tools for projection-based model reduction of parametric partial differential equations. , 2020, , 1-47.		7
10	A non-intrusive approach for the reconstruction of POD modal coefficients through active subspaces. Comptes Rendus - Mecanique, 2019, 347, 873-881.	2.1	26
11	BladeX: Python Blade Morphing. Journal of Open Source Software, 2019, 4, 1203.	2.0	2
12	Combined Parameter and Model Reduction of Cardiovascular Problems by Means of Active Subspaces and POD-Galerkin Methods. SEMA SIMAI Springer Series, 2018, , 185-207.	0.4	21
13	Dimension reduction in heterogeneous parametric spaces with application to naval engineering shape design problems. Advanced Modeling and Simulation in Engineering Sciences, 2018, 5, 25.	0.7	33
14	PyDMD: Python Dynamic Mode Decomposition. Journal of Open Source Software, 2018, 3, 530.	2.0	64
15	EZyRB: Easy Reduced Basis method. Journal of Open Source Software, 2018, 3, 661.	2.0	25