Francesco Salvadore

List of Publications by Year
in descending order

		1307594	1199594
21 papers	**236** citations	**7** h-index	**12** g-index
21 all docs	**21** docs citations	**21** times ranked	**204** citing authors

#	Article	IF	Citations
1	Direct numerical simulation of supersonic turbulent flows over rough surfaces. Journal of Fluid Mechanics, 2022, 942, .	3.4	12
2	VPP Coupling High-Fidelity Analyses and Analytical Formulations for Multihulls Sails and Appendages Optimization. Journal of Marine Science and Engineering, 2021, 9, 607.	2.6	1
3	STREAmS: A high-fidelity accelerated solver for direct numerical simulation of compressible turbulent flows. Computer Physics Communications, 2021, 263, 107906.	7.5	63
4	Implicit Large-Eddy Simulation of Solid Rocket Motors using the Immersed Boundary Method. , 2021, , .		1
5	Assessing the impact of data-driven limitations on tracing and forecasting the outbreak dynamics of COVID-19. Computers in Biology and Medicine, 2021, 135, 104657.	7.0	8
6	CFD analysis of a multiplatform catamaran by means of a web-based application: Experimental data comparison for a fully automated analysis process. Applied Ocean Research, 2021, 116, 102886.	4.1	0
7	Integro-differential approach for modeling the COVID-19 dynamics - Impact of confinement measures in Italy. Computers in Biology and Medicine, 2021, 139, 105013.	7.0	5
8	A Neural Networks Approach to Detecting Lost Heritage in Historical Video. ISPRS International Journal of Geo-Information, 2020, 9, 297.	2.9	7
9	Automatic CFD analysis of planing hulls by means of a new web-based application: Usage, experimental data comparison and opportunities. Ocean Engineering, 2020, 210, 107387.	4.3	4
10	LincoSim: a Web Based HPC-Cloud Platform for Automatic Virtual Towing Tank Analysis. Journal of Grid Computing, 2019, 17, 771-795.	3.9	8
11	Improving the productivity of hull designers with HPC in the cloud: the LincoSim experience. , 2019, , .		0
12	TurBase: A Software Platform for Research in Experimental and Numerical Fluid Dynamics. , 2017, , .		1
13	Multi-Kepler GPU vs. multi-intel MIC: A two test case performance study. , 2014, , .		4
14	Enabling hydrodynamics solver for efficient parallel simulations. , 2014, , .		12
15	Multi-Kepler GPU vs. multi-Intel MIC for spin systems simulations. Computer Physics Communications, 2014, 185, 2495-2503.	7.5	19
16	GPU accelerated flow solver for direct numerical simulation of turbulent flows. Journal of Computational Physics, 2013, 235, 129-142.	3.8	49
17	A Generalized Directive-Based Approach for Accelerating PDE Solvers. Lecture Notes in Computer Science, 2012, , 258-261.	1.3	1
18	Bistable Defect Structures In Blue Phase Devices. Physical Review Letters, 2011, 107, 237803.	7.8	28

#	Article	IF	Citations
19	A COMPARISON BETWEEN 3D RECONSTRUCTION USING NERF NEURAL NETWORKS AND MVS ALGORITHMS ON CULTURAL HERITAGE IMAGES. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLIII-B2-2021, 565-570.	0.2	8
20	ARCHITECTURAL HERITAGE RECOGNITION IN HISTORICAL FILM FOOTAGE USING NEURAL NETWORKS. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLII-2/W15, 343-350.	0.2	2
21	A MATCH-MOVING METHOD COMBINING AI AND SFM ALGORITHMS IN HISTORICAL FILM FOOTAGE. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLIII-B2-2020, 813-820.	0.2	3