

Constantinos Evangelinos

List of Publications by Year in descending order

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14
papers

574
citations

1163117

8
h-index

1125743

13
g-index

14
all docs

14
docs citations

14
times ranked

487
citing authors

#	ARTICLE	IF	CITATIONS
1	Path Planning of Autonomous Underwater Vehicles for Adaptive Sampling Using Mixed Integer Linear Programming. IEEE Journal of Oceanic Engineering, 2008, 33, 522-537.	3.8	174
2	Dynamics and flow structures in the turbulent wake of rigid and flexible cylinders subject to vortex-induced vibrations. Journal of Fluid Mechanics, 1999, 400, 91-124.	3.4	168
3	DNS-DERIVED FORCE DISTRIBUTION ON FLEXIBLE CYLINDERS SUBJECT TO VORTEX-INDUCED VIBRATION. Journal of Fluids and Structures, 2000, 14, 429-440.	3.4	94
4	OpenRBC: A Fast Simulator of Red Blood Cells at Protein Resolution. Biophysical Journal, 2017, 112, 2030-2037.	0.5	47
5	Parallel benchmarks of turbulence in complex geometries. Computers and Fluids, 1996, 25, 677-698.	2.5	20
6	Many Task Computing for Real-Time Uncertainty Prediction and Data Assimilation in the Ocean. IEEE Transactions on Parallel and Distributed Systems, 2011, 22, 1012-1024.	5.6	18
7	A Computational Model for Overcoming Drug Resistance Using Selective Dual-Inhibitors for Aurora Kinase A and Its T217D Variant. Molecular Pharmaceutics, 2013, 10, 4572-4589.	4.6	14
8	Flow-induced vibrations of non-linear cables. Part 1: Models and algorithms. International Journal for Numerical Methods in Engineering, 2002, 55, 535-556.	2.8	9
9	Path Planning Methods for Adaptive Sampling of Environmental and Acoustical Ocean Fields. , 2006, , .		8
10	Flow-induced vibrations of non-linear cables. Part 2: Simulations. International Journal for Numerical Methods in Engineering, 2002, 55, 557-571.	2.8	7
11	Rapid Real-Time Interdisciplinary Ocean Forecasting Using Adaptive Sampling and Adaptive Modeling and Legacy Codes: Component Encapsulation Using XML. Lecture Notes in Computer Science, 2003, , 375-384.	1.3	7
12	Parallel DNS algorithms on unstructured grids. Computer Methods in Applied Mechanics and Engineering, 2000, 184, 401-425.	6.6	4
13	An Asynchronous Two-Level Checkpointing Method to Solve Adjoint Problems on Hierarchical Memory Spaces. Computing in Science and Engineering, 2018, 20, 39-55.	1.2	3
14	PARALLEL CFD BENCHMARKS ON CRAY COMPUTERS. International Journal of Parallel, Emergent and Distributed Systems, 1996, 9, 273-298.	0.4	1