

Constantinos Evangelinos

List of Publications by Year in descending order

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14
papers

574
citations

1163117

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1125743

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times ranked

487
citing authors

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