Dirk Gorissen

List of Publications by Year
in descending order

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19 papers	613 citations	1477746 6 h-index	1199166 12 g-index
20 all docs	20 docs citations	20 times ranked	517 citing authors

#	Article	IF	Citations
1	Evolutionary Neuro-Space Mapping Technique for Modeling of Nonlinear Microwave Devices. IEEE Transactions on Microwave Theory and Techniques, 2011, 59, 213-229.	2.9	159
2	A Novel Hybrid Sequential Design Strategy for Global Surrogate Modeling of Computer Experiments. SIAM Journal of Scientific Computing, 2011, 33, 1948-1974.	1.3	158
3	Sequential modeling of a low noise amplifier with neural networks and active learning. Neural Computing and Applications, 2009, 18, 485-494.	3.2	69
4	A novel sequential design strategy for global surrogate modeling. , 2009, , .		69
5	Multiobjective global surrogate modeling, dealing with the 5-percent problem. Engineering With Computers, 2010, 26, 81-98.	3.5	45
6	Automatic model type selection with heterogeneous evolution: An application to RF circuit block modeling. , 2008, , .		17
7	Adaptive Distributed Metamodeling. , 2006, , 579-588.		15
8	Grid Enabled Sequential Design and Adaptive Metamodeling. , 2006, , .		13
9	Automatic surrogate model type selection during the optimization of expensive black-box problems. , 2011, , .		13
10	Value-Based Decision Environment: Vision and Application. Journal of Aircraft, 2014, 51, 1360-1372.	1.7	13
11	An alternative approach to avoid overfitting for surrogate models. , 2011, , .		11
12	Pareto-Based Multi-output Metamodeling with Active Learning. Communications in Computer and Information Science, 2009, , 389-400.	0.4	6
13	A Software Framework for Automated Behavioral Modeling of Electronic Devices [Application Notes]. IEEE Microwave Magazine, 2012, 13, 102-118.	0.7	5
14	Surrogate Modeling of Low Noise Amplifiers Based on Transistor Level Simulations. Mathematics in Industry, 2010, , 225-232.	0.1	5
15	Toward Value-Driven Design of a Small, Low-Cost UAV. , 2012, , .		3
16	The Challenges of using Value-Driven Design for practical design of UAVs. Journal of Aerospace Operations, 2012, 1, 377-386.	0.1	2
17	Grid-Enabled Adaptive Metamodeling and Active Learning for Computer Based Design. Lecture Notes in Computer Science, 2009, , 266-269.	1.0	2
18	Pareto-Based Multi-output Model Type Selection. Lecture Notes in Computer Science, 2009, , 442-449.	1.0	2

#	Article	IF	Citations
19	The SUMO toolbox: A tool for automatic regression modeling and active learning. , 2013, , .		1