

Michael BÄjttinger

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

1,555
citations

1040056

9
h-index

1125743

13
g-index

21
all docs

21
docs citations

21
times ranked

2978
citing authors

#	ARTICLE	IF	CITATIONS
1	Climate and carbon cycle changes from 1850 to 2100 in MPI-ESM simulations for the Coupled Model Intercomparison Project phase 5. <i>Journal of Advances in Modeling Earth Systems</i> , 2013, 5, 572-597.	3.8	1,280
2	Visualization in Meteorology – A Survey of Techniques and Tools for Data Analysis Tasks. <i>IEEE Transactions on Visualization and Computer Graphics</i> , 2018, 24, 3268-3296.	4.4	77
3	Brushing of Attribute Clouds for the Visualization of Multivariate Data. <i>IEEE Transactions on Visualization and Computer Graphics</i> , 2008, 14, 1459-1466.	4.4	55
4	Visual Exploration of Climate Variability Changes Using Wavelet Analysis. <i>IEEE Transactions on Visualization and Computer Graphics</i> , 2009, 15, 1375-1382.	4.4	38
5	The tropical-subtropical coupling in the Southeast Atlantic from the perspective of the northern Benguela upwelling system. <i>PLoS ONE</i> , 2019, 14, e0210083.	2.5	18
6	The Making of Continuous Colormaps. <i>IEEE Transactions on Visualization and Computer Graphics</i> , 2021, 27, 3048-3063.	4.4	18
7	MEVA - An Interactive Visualization Application for Validation of Multifaceted Meteorological Data with Multiple 3D Devices. <i>PLoS ONE</i> , 2015, 10, e0123811.	2.5	17
8	Challenges and strategies for the visual exploration of complex environmental data. <i>International Journal of Digital Earth</i> , 2017, 10, 1070-1076.	3.9	13
9	Exploring Variability within Ensembles of Decadal Climate Predictions. <i>IEEE Transactions on Visualization and Computer Graphics</i> , 2019, 25, 1499-1512.	4.4	12
10	Visualization in earth system science. <i>Computer Graphics</i> , 2002, 36, 5-9.	0.1	7
11	Automatic Improvement of Continuous Colormaps in Euclidean Colorspaces. <i>Computer Graphics Forum</i> , 2021, 40, 361-373.	3.0	5
12	Visualization of Building Performance Simulation Results: State-of-the-Art and Future Directions. , 2014, , .		4
13	Topology-based feature analysis of scalar field ensembles: An application to climate (change) analysis. <i>Computers and Graphics</i> , 2022, 104, 59-71.	2.5	4
14	Visual Analysis of Spatio-Temporal Trends in Time-Dependent Ensemble Data Sets on the Example of the North Atlantic Oscillation. , 2021, , .		3
15	Visualization of Climate Science Simulation Data. <i>IEEE Computer Graphics and Applications</i> , 2021, 41, 42-48.	1.2	1
16	Reflections on Visualization for Broad Audiences. , 2020, , 297-305.		1
17	Challenges and Open Issues in Visualization for Broad Audiences. , 2020, , 381-389.		1
18	Reaching Broad Audiences from a Research Institute Setting. , 2020, , 307-318.		1

#	ARTICLE	IF	CITATIONS
19	Visualization in Climate Modelling. , 2019, , 313-321.		0
20	An Extension of Empirical Orthogonal Functions for the Analysis of Time-Dependent 2D Scalar Field Ensembles. , 2021, , .		0