

Michael BÄjttinger

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

1,555
citations

1040056

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1125743

13
g-index

21
all docs

21
docs citations

21
times ranked

2978
citing authors

#	ARTICLE	IF	CITATIONS
1	Topology-based feature analysis of scalar field ensembles: An application to climate (change) analysis. Computers and Graphics, 2022, 104, 59-71.	2.5	4
2	The Making of Continuous Colormaps. IEEE Transactions on Visualization and Computer Graphics, 2021, 27, 3048-3063.	4.4	18
3	An Extension of Empirical Orthogonal Functions for the Analysis of Time-Dependent 2D Scalar Field Ensembles. , 2021, , .		0
4	Visual Analysis of Spatio-Temporal Trends in Time-Dependent Ensemble Data Sets on the Example of the North Atlantic Oscillation. , 2021, , .		3
5	Automatic Improvement of Continuous Colormaps in Euclidean Colorspaces. Computer Graphics Forum, 2021, 40, 361-373.	3.0	5
6	Visualization of Climate Science Simulation Data. IEEE Computer Graphics and Applications, 2021, 41, 42-48.	1.2	1
7	Reflections on Visualization for Broad Audiences. , 2020, , 297-305.		1
8	Challenges and Open Issues in Visualization for Broad Audiences. , 2020, , 381-389.		1
9	Reaching Broad Audiences from a Research Institute Setting. , 2020, , 307-318.		1
10	Visualization in Climate Modelling. , 2019, , 313-321.		0
11	The tropical-subtropical coupling in the Southeast Atlantic from the perspective of the northern Benguela upwelling system. PLoS ONE, 2019, 14, e0210083.	2.5	18
12	Exploring Variability within Ensembles of Decadal Climate Predictions. IEEE Transactions on Visualization and Computer Graphics, 2019, 25, 1499-1512.	4.4	12
13	Visualization in Meteorology – A Survey of Techniques and Tools for Data Analysis Tasks. IEEE Transactions on Visualization and Computer Graphics, 2018, 24, 3268-3296.	4.4	77
14	Challenges and strategies for the visual exploration of complex environmental data. International Journal of Digital Earth, 2017, 10, 1070-1076.	3.9	13
15	MEVA - An Interactive Visualization Application for Validation of Multifaceted Meteorological Data with Multiple 3D Devices. PLoS ONE, 2015, 10, e0123811.	2.5	17
16	Visualization of Building Performance Simulation Results: State-of-the-Art and Future Directions. , 2014, , .		4
17	Climate and carbon cycle changes from 1850 to 2100 in MPI-ESM simulations for the Coupled Model Intercomparison Project phase 5. Journal of Advances in Modeling Earth Systems, 2013, 5, 572-597.	3.8	1,280
18	Visual Exploration of Climate Variability Changes Using Wavelet Analysis. IEEE Transactions on Visualization and Computer Graphics, 2009, 15, 1375-1382.	4.4	38

#	ARTICLE	IF	CITATIONS
19	Brushing of Attribute Clouds for the Visualization of Multivariate Data. IEEE Transactions on Visualization and Computer Graphics, 2008, 14, 1459-1466.	4.4	55
20	Visualization in earth system science. Computer Graphics, 2002, 36, 5-9.	0.1	7