

Helmut Doleisch

List of Publications by Year in descending order

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papers

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citations

933447

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1058476

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16
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docs citations

16
times ranked

587
citing authors

#	ARTICLE	IF	CITATIONS
1	The State of the Art in Flow Visualisation: Feature Extraction and Tracking. Computer Graphics Forum, 2003, 22, 775-792.	3.0	325
2	The State of the Art in Flow Visualization: Dense and Texture-Based Techniques. Computer Graphics Forum, 2004, 23, 203-221.	3.0	272
3	A Four-level Focus+Context Approach to Interactive Visual Analysis of Temporal Features in Large Scientific Data. Computer Graphics Forum, 2008, 27, 775-782.	3.0	49
4	Hypothesis Generation in Climate Research with Interactive Visual Data Exploration. IEEE Transactions on Visualization and Computer Graphics, 2008, 14, 1579-1586.	4.4	45
5	Visual Exploration of Nasal Airflow. IEEE Transactions on Visualization and Computer Graphics, 2009, 15, 1407-1414.	4.4	35
6	SimVis: Interactive visual analysis of large and time-dependent 3D simulation data. , 2007, , .		33
7	Exploration of Climate Data Using Interactive Visualization*. Journal of Atmospheric and Oceanic Technology, 2010, 27, 667-679.	1.3	33
8	Interactive Visual Analysis of Heterogeneous Scientific Data across an Interface. IEEE Transactions on Visualization and Computer Graphics, 2011, 17, 934-946.	4.4	29
9	Interactive Volume Visualization of General Polyhedral Grids. IEEE Transactions on Visualization and Computer Graphics, 2011, 17, 2115-2124.	4.4	23
10	Scalable Hybrid Unstructured and Structured Grid Raycasting. IEEE Transactions on Visualization and Computer Graphics, 2007, 13, 1592-1599.	4.4	21
11	Interactive Focus+Context Analysis of Large, Time-Dependent Flow Simulation Data. Simulation, 2006, 82, 851-865.	1.8	15
12	Interactive, Graph-based Visual Analysis of High-dimensional, Multi-parameter Fluorescence Microscopy Data in Toponomics. IEEE Transactions on Visualization and Computer Graphics, 2011, 17, 1882-1891.	4.4	9
13	Visual Coherence for Large-scale Line-Plot Visualizations. Computer Graphics Forum, 2011, 30, 643-652.	3.0	4
14	Interactive Visual Exploration and Analysis of Multivariate Simulation Data. Computing in Science and Engineering, 2012, 14, 70-77.	1.2	4
15	Topology-based versus Feature-based Flow Analysis – Challenges and an Application. Mathematics and Visualization, 2007, , 79-90.	0.6	4
16	Interactive cross-detector analysis of vortical flow data. , 2007, , .		3