

Xiaokun Wang

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Efficient extracting surfaces approach employing anisotropic kernels for SPH fluids. Journal of Visualization, 2016, 19, 301-317.	1.8	13
2	A Symmetry Particle Method towards Implicit Non-Newtonian Fluids. Symmetry, 2017, 9, 26.	2.2	7
3	Fluid-Solid Boundary Handling Using Pairwise Interaction Model for Non-Newtonian Fluid. Symmetry, 2018, 10, 94.	2.2	7
4	Recovering Turbulence Details using Velocity Correction for SPH Fluids. , 2019, , .		6
5	Adaptively stepped SPH for fluid animation based on asynchronous time integration. Neural Computing and Applications, 2018, 29, 33-42.	5.6	4
6	Robust turbulence simulation for particle-based fluids using the Rankine vortex model. Visual Computer, 2020, 36, 2285-2298.	3.5	4
7	Turbulent Details Simulation for SPH Fluids via Vorticity Refinement. Computer Graphics Forum, 2021, 40, 54-67.	3.0	4
8	A Symmetric Particle-Based Simulation Scheme towards Large Scale Diffuse Fluids. Symmetry, 2018, 10, 86.	2.2	3
9	Anisotropic Surface Reconstruction for Multiphase Fluids. , 2017, , .		2
10	Small-scale surface details simulation using divergence-free SPH. Journal of Visual Languages and Computing, 2018, 48, 91-100.	1.8	2
11	Adaptiving Time Steps for SPH Cloth-Fluid Coupling. , 2016, , .		1
12	A Unified Multiple-Phase Fluids Framework Using Asymmetric Surface Extraction and the Modified Density Model. Symmetry, 2019, 11, 745.	2.2	1
13	Turbulence Enhancement for SPH Fluids Visualization. Lecture Notes in Computer Science, 2019, , 254-260.	1.3	1
14	Rigid Body Sampling and Boundary Handling for Rigid-Fluid Coupling of Particle Based Fluids. Lecture Notes in Computer Science, 2016, , 210-218.	1.3	0
15	The Non-Newtonian Fluid Simulation Based on Predictive-Corrective Incompressible SPH. , 2016, , .		0
16	Individual Time-Stepping for Rigid-Fluid Coupling of Particle Based Fluids. , 2016, , .		0
17	Rigid Body Sampling and Individual Time Stepping for Rigid-Fluid Coupling of Fluid Simulation. Scientific Programming, 2017, 2017, 1-11.	0.7	0
18	Silicone Oil-Water Interaction and Emulsification Visual Simulation for Intraocular Silicone Oil Tamponade. , 2021, , .		0