

Jongmin Seo

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

292
citations

1307594

7
h-index

1720034

7
g-index

8
all docs

8
docs citations

8
times ranked

308
citing authors

#	ARTICLE	IF	CITATIONS
1	Fluid-structure interaction simulations of patient-specific aortic dissection. <i>Biomechanics and Modeling in Mechanobiology</i> , 2020, 19, 1607-1628.	2.8	97
2	On the scaling of the slip velocity in turbulent flows over superhydrophobic surfaces. <i>Physics of Fluids</i> , 2016, 28, .	4.0	65
3	Turbulent flows over superhydrophobic surfaces: flow-induced capillary waves, and robustness of air-water interfaces. <i>Journal of Fluid Mechanics</i> , 2018, 835, 45-85.	3.4	57
4	The effects of clinically-derived parametric data uncertainty in patient-specific coronary simulations with deformable walls. <i>International Journal for Numerical Methods in Biomedical Engineering</i> , 2020, 36, e3351.	2.1	21
5	Effect of texture randomization on the slip and interfacial robustness in turbulent flows over superhydrophobic surfaces. <i>Physical Review Fluids</i> , 2018, 3, .	2.5	20
6	Performance of preconditioned iterative linear solvers for cardiovascular simulations in rigid and deformable vessels. <i>Computational Mechanics</i> , 2019, 64, 717-739.	4.0	12
7	Computational Evaluation of Venous Graft Geometries in Coronary Artery Bypass Surgery. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2022, 34, 521-532.	0.6	12
8	MULTIFIDELITY ESTIMATORS FOR CORONARY CIRCULATION MODELS UNDER CLINICALLY INFORMED DATA UNCERTAINTY. , 2020, 10, 449-466.		8