

Yuto Otaguro

List of Publications by Year in descending order

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15
papers

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840776

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citing authors

#	ARTICLE	IF	CITATIONS
1	A hyperelastic extended Kirchhoff–Love shell model with out-of-plane normal stress: I. Out-of-plane deformation. <i>Computational Mechanics</i> , 2022, 70, 247-280.	4.0	14
2	Fabrication of doubly-curved CFRP shell structures with control over fiber directions. <i>CAD Computer Aided Design</i> , 2021, 136, 103028.	2.7	9
3	Element length calculation in B-spline meshes for complex geometries. <i>Computational Mechanics</i> , 2020, 65, 1085-1103.	4.0	35
4	Space–Time Variational Multiscale Isogeometric Analysis of a tsunami-shelter vertical-axis wind turbine. <i>Computational Mechanics</i> , 2020, 66, 1443-1460.	4.0	36
5	Element-splitting-invariant local-length-scale calculation in B-Spline meshes for complex geometries. <i>Mathematical Models and Methods in Applied Sciences</i> , 2020, 30, 2139-2174.	3.3	21
6	ALE and Space–Time Variational Multiscale Isogeometric Analysis of Wind Turbines and Turbomachinery. <i>Modeling and Simulation in Science, Engineering and Technology</i> , 2020, , 195-233.	0.6	21
7	Element length calculation in B-spline meshes for complex geometries. , 2020, 65, 1085.		1
8	Wind Turbine and Turbomachinery Computational Analysis with the ALE and Space-Time Variational Multiscale Methods and Isogeometric Discretization. <i>Khoa Há»c á»©ng Dá»¥ng</i> , 2020, 4, 1.	3.0	26
9	Turbocharger turbine and exhaust manifold flow computation with the Space–Time Variational Multiscale Method and Isogeometric Analysis. <i>Computers and Fluids</i> , 2019, 179, 764-776.	2.5	57
10	Space–time VMS flow analysis of a turbocharger turbine with isogeometric discretization: computations with time-dependent and steady-inflow representations of the intake/exhaust cycle. <i>Computational Mechanics</i> , 2019, 64, 1403-1419.	4.0	53
11	Stabilization and discontinuity-capturing parameters for space–time flow computations with finite element and isogeometric discretizations. <i>Computational Mechanics</i> , 2018, 62, 1169-1186.	4.0	81
12	A General-Purpose NURBS Mesh Generation Method for Complex Geometries. <i>Modeling and Simulation in Science, Engineering and Technology</i> , 2018, , 399-434.	0.6	57
13	Turbocharger flow computations with the Space–Time Isogeometric Analysis (ST-IGA). <i>Computers and Fluids</i> , 2017, 142, 15-20.	2.5	100
14	Space–time VMS computational flow analysis with isogeometric discretization and a general-purpose NURBS mesh generation method. <i>Computers and Fluids</i> , 2017, 158, 189-200.	2.5	69
15	Computational analysis of flow-driven string dynamics in a pump and residence time calculation. <i>IOP Conference Series: Earth and Environmental Science</i> , 0, 240, 062014.	0.3	34