

Diego Hayashi Alonso

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Topology optimization based on a two-dimensional swirl flow model of Tesla-type pump devices. Computers and Mathematics With Applications, 2019, 77, 2499-2533.	2.7	25
2	Topology optimization applied to the design of 2D swirl flow devices. Structural and Multidisciplinary Optimization, 2018, 58, 2341-2364.	3.5	22
3	Topology optimization of turbulent fluid flow via the TOBS method and a geometry trimming procedure. Structural and Multidisciplinary Optimization, 2022, 65, 1.	3.5	16
4	Non-newtonian laminar 2D swirl flow design by the topology optimization method. Structural and Multidisciplinary Optimization, 2020, 62, 299-321.	3.5	10
5	Topology optimization for blood flow considering a hemolysis model. Structural and Multidisciplinary Optimization, 2021, 63, 2101-2123.	3.5	7
6	Flexible framework for fluid topology optimization with OpenFOAM® and finite element-based high-level discrete adjoint method (FEniCS/dolfin-adjoint). Structural and Multidisciplinary Optimization, 2021, 64, 4409-4440.	3.5	5
7	Topology optimization applied to the design of Tesla-type turbine devices. Applied Mathematical Modelling, 2022, 103, 764-791.	4.2	5
8	Topology optimization method based on the Wray-Ågarwal turbulence model. Structural and Multidisciplinary Optimization, 2022, 65, 1.	3.5	2
9	Topology optimisation for rotor-stator fluid flow devices. Structural and Multidisciplinary Optimization, 2022, 65, 1.	3.5	2
10	Blood flow topology optimization considering a thrombosis model. Structural and Multidisciplinary Optimization, 2022, 65, .	3.5	0