Tsuguo Kondoh

List of Publications by Year
in descending order

11 papers	482 citations	7 h-index	10 g-index
11 all docs	11 docs citations	11 times ranked	304 citing authors

#	Article	IF	Citations
1	Three-dimensional topology optimization of a fluid–structure system using body-fitted mesh adaption based on the level-set method. Applied Mathematical Modelling, 2022, 101, 276-308.	4.2	39
2	Optimum design and thermal modeling for 2D and 3D natural convection problems incorporating level set-based topology optimization with body-fitted mesh. International Journal for Numerical Methods in Engineering, 2022, 123, 1954-1990.	2.8	18
3	Full-scale 3D structural topology optimization using adaptive mesh refinement based on the level-set method. Finite Elements in Analysis and Design, 2021, 194, 103561.	3.2	35
4	Solution to the topology optimization problem using a time-evolution equation. International Journal for Numerical Methods in Engineering, 2020, 121, 2246-2261.	2.8	3
5	Topology optimization for thermal stress reduction in power semiconductor module. Structural and Multidisciplinary Optimization, 2019, 60, 2615-2620.	3.5	13
6	Doping Profile Optimization for Power Devices Using Topology Optimization. IEEE Transactions on Electron Devices, 2018, 65, 3869-3877.	3.0	0
7	Shape optimization using time evolution equations. International Journal for Numerical Methods in Engineering, 2018, 115, 1371-1382.	2.8	3
8	Boundary shape design by using PDE filtered design variables. Structural and Multidisciplinary Optimization, 2017, 56, 619-629.	3.5	2
9	Topology optimization for fluid–thermal interaction problems under constant input power. Structural and Multidisciplinary Optimization, 2013, 47, 571-581.	3.5	132
10	Drag minimization and lift maximization in laminar flows via topology optimization employing simple objective function expressions based on body force integration. Structural and Multidisciplinary Optimization, 2012, 45, 693-701.	3.5	47
11	Heaviside projection based topology optimization by a PDE-filtered scalar function. Structural and Multidisciplinary Optimization, 2011, 44, 19-24.	3.5	190