

# Tsuguo Kondoh

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9653968/publications.pdf>

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11  
papers

482  
citations

1307594

7  
h-index

1372567

10  
g-index

11  
all docs

11  
docs citations

11  
times ranked

304  
citing authors

#	ARTICLE	IF	CITATIONS
1	Heaviside projection based topology optimization by a PDE-filtered scalar function. Structural and Multidisciplinary Optimization, 2011, 44, 19-24.	3.5	190
2	Topology optimization for fluid-thermal interaction problems under constant input power. Structural and Multidisciplinary Optimization, 2013, 47, 571-581.	3.5	132
3	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
4	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
5	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
6	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
7	Topology optimization for thermal stress reduction in power semiconductor module. Structural and Multidisciplinary Optimization, 2019, 60, 2615-2620.	3.5	13
8	Shape optimization using time evolution equations. International Journal for Numerical Methods in Engineering, 2018, 115, 1371-1382.	2.8	3
9	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
10	Boundary shape design by using PDE filtered design variables. Structural and Multidisciplinary Optimization, 2017, 56, 619-629.	3.5	2
11	Doping Profile Optimization for Power Devices Using Topology Optimization. IEEE Transactions on Electron Devices, 2018, 65, 3869-3877.	3.0	0