

# Tsung-Hui Huang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9871207/publications.pdf>

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8  
papers

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1478505

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times ranked

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#	ARTICLE	IF	CITATIONS
1	RKPM2D: an open-source implementation of nodally integrated reproducing kernel particle method for solving partial differential equations. <i>Computational Particle Mechanics</i> , 2020, 7, 393-433.	3.0	42
2	Phase-Field Modeling of Microstructural Evolution by Freeze-Casting. <i>Advanced Engineering Materials</i> , 2018, 20, 1700343.	3.5	16
3	Level set topology optimization for design-dependent pressure loads using the reproducing kernel particle method. <i>Structural and Multidisciplinary Optimization</i> , 2020, 61, 1805-1820.	3.5	14
4	A variational multiscale immersed meshfree method for heterogeneous materials. <i>Computational Mechanics</i> , 2021, 67, 1059-1097.	4.0	11
5	A MUSCL-SCNI approach for meshfree modeling of shock waves in fluids. <i>Computational Particle Mechanics</i> , 2020, 7, 329-350.	3.0	8
6	Level set topology optimization with nodally integrated reproducing kernel particle method. <i>Computer Methods in Applied Mechanics and Engineering</i> , 2021, 385, 114016.	6.6	6
7	A variational multiscale stabilized and locking-free meshfree formulation for Reissner-Mindlin plate problems. <i>Computational Mechanics</i> , 2022, 69, 59-93.	4.0	4
8	A stabilized one-point integrated mixed formulation for finite element and meshfree methods in modeling nearly incompressible materials. <i>Acta Mechanica</i> , 2022, 233, 1147-1172.	2.1	1