

# Siddharth Thakur

## List of Publications by Year in descending order

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Version: 2024-02-01

12  
papers

303  
citations

1040056

9  
h-index

1199594

12  
g-index

12  
all docs

12  
docs citations

12  
times ranked

176  
citing authors

#	ARTICLE	IF	CITATIONS
1	Propagation of a strong shock over a random bed of spherical particles. Journal of Fluid Mechanics, 2018, 839, 157-197.	3.4	39
2	Shock interaction with deformable particles using a constrained interface reinitialization scheme. Journal of Applied Physics, 2016, 119, .	2.5	16
3	Shock interaction with three-dimensional face centered cubic array of particles. Physical Review Fluids, 2016, 1, .	2.5	38
4	Surrogate model-based strategy for cryogenic cavitation model validation and sensitivity evaluation. International Journal for Numerical Methods in Fluids, 2008, 58, 969-1007.	1.6	46
5	Modeling of Fluid Dynamics and Heat Transfer Induced by Dielectric Barrier Plasma Actuator. Journal of Heat Transfer, 2007, 129, 517-525.	2.1	46
6	A multiblock operator-splitting algorithm for unsteady flows at all speeds in complex geometries. International Journal for Numerical Methods in Fluids, 2004, 46, 383-413.	1.6	20
7	MULTIBLOCK INTERFACE TREATMENTS IN A PRESSURE-BASED FLOW SOLVER. Numerical Heat Transfer, Part B: Fundamentals, 1998, 33, 367-396.	0.9	16
8	CONVECTION TREATMENT AND PRESSURE SPLITTING FOR SEQUENTIAL SOLUTION PROCEDURES, PART I: THEORY AND ONE-DIMENSIONAL TEST CASES. Numerical Heat Transfer, Part B: Fundamentals, 1996, 29, 1-27.	0.9	6
9	CONVECTION TREATMENT AND PRESSURE SPLITTING FOR SEQUENTIAL SOLUTION PROCEDURES, PART II: PRESSURE-BASED ALGORITHM. Numerical Heat Transfer, Part B: Fundamentals, 1996, 29, 29-42.	0.9	3
10	CONTROLLED VARIATION SCHEME IN A SEQUENTIAL SOLVER FOR RECIRCULATING FLOWS, PART I: THEORY AND FORMULATION. Numerical Heat Transfer, Part B: Fundamentals, 1994, 25, 245-272.	0.9	15
11	CONTROLLED VARIATION SCHEME IN A SEQUENTIAL SOLVER FOR RECIRCULATING FLOWS, PART II: APPLICATIONS. Numerical Heat Transfer, Part B: Fundamentals, 1994, 25, 273-286.	0.9	9
12	SOME IMPLEMENTATIONAL ISSUES OF CONVECTION SCHEMES FOR FINITE-VOLUME FORMULATIONS. Numerical Heat Transfer, Part B: Fundamentals, 1993, 24, 31-55.	0.9	49