

Ekachai Juntasaro

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

211
citations

1478505

6
h-index

1199594

12
g-index

18
all docs

18
docs citations

18
times ranked

134
citing authors

#	ARTICLE	IF	CITATIONS
1	Correlations for modeling transitional boundary layers under influences of freestream turbulence and pressure gradient. <i>International Journal of Heat and Fluid Flow</i> , 2009, 30, 66-75.	2.4	70
2	Assessment of intermittency transport equations for modeling transition in boundary layers subjected to freestream turbulence. <i>International Journal of Heat and Fluid Flow</i> , 2008, 29, 48-61.	2.4	42
3	Calibrating the Gamma-Re_theta Transition Model for Commercial CFD. , 2009, , .		42
4	Diagnosis of feline filariasis assisted by a novel semi-automated microfluidic device in combination with high resolution melting real-time PCR. <i>Parasites and Vectors</i> , 2019, 12, 159.	2.5	11
5	Development of an intermittency transport equation for modeling bypass, natural and separation-induced transition. <i>Journal of Turbulence</i> , 2021, 22, 562-595.	1.4	10
6	Formation of double emulsion micro-droplets in a microfluidic device using a partially hydrophilic-hydrophobic surface. <i>RSC Advances</i> , 2021, 11, 35653-35662.	3.6	10
7	A new physics-based k_L transition model. <i>International Journal of Computational Fluid Dynamics</i> , 2014, 28, 204-218.	1.2	7
8	Numerical Investigation on the Modified Bend Geometry of a Rotating Multipass Internal Cooling Passage in a Gas Turbine Blade. <i>Journal of Thermal Science and Engineering Applications</i> , 2018, 10, .	1.5	5
9	Polydimethylsiloxane (PDMS) microfluidic modifications for cell-based immunofluorescence assay. <i>Journal of Adhesion Science and Technology</i> , 2021, 35, 955-972.	2.6	4
10	A Gamma- k_L Transition Model for Transitional Flow with Pressure Gradient Effects. <i>Engineering Journal</i> , 2017, 21, 279-304.	1.0	4
11	Computations of periodic turbulent boundary layers with moderate adverse pressure gradient. <i>International Journal of Heat and Fluid Flow</i> , 1997, 18, 443-451.	2.4	2
12	An educational software suite for comprehensive learning of Computer-Aided Engineering. <i>Computer Applications in Engineering Education</i> , 2020, 28, 1083-1109.	3.4	2
13	Development of an Analytical Wall Function for Bypass Transition. <i>Fluids</i> , 2021, 6, 328.	1.7	1
14	Microfluidic system evaluation for the semi-automatic detection of MOG-IgG in serum samples. <i>Sensing and Bio-Sensing Research</i> , 2021, 34, 100458.	4.2	1