Ekachai Juntasaro

List of Publications by Year
in descending order

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