

Emre Kara

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	CFD analysis of the Ahmed Glaucoma Valve and design of an alternative device. Computer Methods in Biomechanics and Biomedical Engineering, 2010, 13, 655-662.	1.6	10
2	Construction of a novel microfluidic experimental setup for testing recent glaucoma drainage devices. Current Directions in Biomedical Engineering, 2019, 5, 219-222.	0.4	2
3	A Short Survey on Currently Used Experimental Setups for Testing Glaucoma Drainage Devices. European Mechanical Science, 2018, 2, 60-67.	0.9	2
4	An octree-based solution-adaptive Cartesian grid generator and Euler solver for the simulation of three-dimensional inviscid compressible flows. Progress in Computational Fluid Dynamics, 2016, 16, 131.	0.2	1
5	Numerical Investigation of Slant Angle Effect on a Simplified Car Model with Solution Adaptive Cartesian Grid Method. Proceedings in Automotive Engineering, 2019, , 32-39.	0.1	1
6	Lift coefficient calculation using a geometric/solution adaptive Navier Stokes solver on two-dimensional cartesian grids for compressible and turbulent flows. AIP Conference Proceedings, 2017, , .	0.4	0
7	FT Implants and Materials. Biomedizinische Technik, 2019, 64, 105-110.	0.8	0
8	Experimental investigation and numerical verification of Coanda effect on curved surfaces using co-flow thrust vectoring. International Advanced Researches and Engineering Journal, 2021, 5, 72-78.	0.8	0
9	Computational and Experimental Analysis of an In Vitro Microfluidic Experimental Setup on Testing Molteno, Ahmed Valve and Ex-Press Implants and Their Critical Comparisons. Current Eye Research, 2021, , 1-10.	1.5	0
10	A Solution Adaptive Cartesian Grid Based Euler Solution for Compressible Flow Around BOEING TR-1322 Multi-element Airfoil. NevÅYehir Bilim Ve Teknoloji Dergisi, 2015, 4, 69.	0.1	0
11	CFD Simulation of Turbulent Flow Around a Shrouded Spur Gear for Predicting Load-Independent Windage Power Losses. Proceedings in Automotive Engineering, 2019, , 25-31.	0.1	0
12	A Navier-Stokes Solver for Compressible Turbulent Flows on Quadtree and Octree Based Cartesian Grids. Journal of Applied Fluid Mechanics, 2019, 12, 539-549.	0.2	0
13	Å#ift elips yapÄ±sÄ± etrafÄ±nda ÅSÅ¶zÅ¼m uyarlamalÄ± Navier-Stokes ÅSÅ¶zÅ¼cÅ¼sÅ¼ kullanarak yÅ¼ksek Reynolds sayÄ±lÄ± akÄ±ÅY analizi. DÄœMF MÄ¼hendislik Dergisi, 2020, 11, 563-573.	0.2	0