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h-index (Scopus):

10

Citations (Scopus):

315

Supervised PhD Theses

#	Thesis title	By	Date
1	the aeroacoustic calculation of internal flow with using of hybrid numerical approach	Morteza Bayati & Mehran Tadjfar	May 2014

Supervised MSc Theses

#	Thesis title	By	Date
1	Experimental Study On Lateral Dispersion of Rectangular Liquid Jets In Transverse Airflow	Bahman Khazaei & Mehran Tadjfar	March 2022
2	Flow control by synthetic jet on horizontal wind turbine	Melika Maysoori & Mehran Tadjfar	December 2020
3	optimization of airfoil performance in dynamics stall using suction controller	Siroos Kasmaiee & Mehran Tadjfar	August 2020
4	optimization of blowing controller performance on dynamics stall	Saman Kasmaiee & Mehran Tadjfar	August 2020
5	Investigation on the effect of synthetic jet on tandem airfoils	Mohammad Sadegh Moemenbellah Fard & Mehran Tadjfar	February 2019
6	Experimental investigation of breakup of liquid jet in air cross flow	Yosef Rezaei & Mehran Tadjfar	October 2018

7	Interaction of Two Synthetic Jets for Flow Separation Control	Alireza Esmaeeli & Mehran Tadjfar	September 2018
8	Analysis of Change Angles Impact in Flow Control by Synthetic Jet on Wind Turbine	Shadi Fathi & Mehran Tadjfar	September 2018
9	Influence of actuation frequency of a synthetic actuation in controlling separation over an airfoil	Mohammad Rahmani & Mehran Tadjfar	May 2017
10	Influence of jet location for active control flow separation on an airfoil	Afshin Abdi & Mehran Tadjfar	October 2016
11	Investigation of vortex shedding from a swept back wing	Neda Sheikhi Alibabalu & Mehran Tadjfar	October 2016
12	Design And Construction A Multiphase Tunnel	Armin Sheidani & Mehran Tadjfar	June 2016
13	Numerical Study of a Wave Motion Kinematics of a Biological Wing	Reza Sadeghi Azad & Mehran Tadjfar	June 2016
14	Effects Of Kinematics On Low Reynolds Number Wings	Nooshin Zeinali Khameneh & Mehran Tadjfar	February 2016
15	Modeling of heat exchanger in a civil aircraft air condition	Mustafa Haji Asqar Shaarbaaf & Mehran Tadjfar	June 2015
16	Modeling of the cooling turbine of civil aircraft's air conditioner	Amir Karimi Noughabi & Mehran Tadjfar	February 2015
17	Interaction of free vortex with flow over an airfoil	Sadegh Hassanzadeh & Mehran Tadjfar	September 2014
18	flow control over airfoil by smart variable camber	Javad Mirzaee & Mehran Tadjfar	September 2014
19	WAVE MOTION KINEMATICS OF A BIOLOGICAL WING A NUMERICAL STUDY	Rambod Mojangani & Mehran Tadjfar	June 2013
20	Implicite large eddy simulation of turbulent compressible flow	Mahdi Hosseinali & Mehran Tadjfar	March 2013
21	Numerical Simulation of Wing-Wall Junction in Laminar, Transition and Turbulent Flows	Mojtaba Ramezani Voloujerdi & Mehran Tadjfar	November 2012
22	Use of Micro Tab Controler surface in UAV	Saman Najafi & Mehran Tadjfar	February 2012
23	suction/blowing influence on an oscillating porou	Narjes Timnak & Mehran Tadjfar	July 2011
24	Aerodynamic of VAWT 's blade	Ali Reza Mohammadi & Mehran Tadjfar	March 2011
25	Numerical Simulation of Unsteady Flow around an Unmanned Helicopter Blade	Salehe Zahabnazouri & Mehran Tadjfar	October 2010
26	Study of jet assisted high lift airfoil	Amrollah Bakhtian & Mehran Tadjfar	September 2010
27	Numerical Study of winglet effect on wing aerodynamics	Sina Pooladsanjamloo & Mehran Tadjfar	June 2010
28	Influence of roughness on low Reynolds number airfoils	Keivan Kokabian & Mehran Tadjfar	October 2009
29	Aerodynamic performance of biological in unsteady state	Sadid Salajegheh & Mehran Tadjfar	October 2009

30	Study of Formation of wingtip vortex at low Reynolds number	Djavad Kamari & Mehran Tadjfar	July 2009
31	Anumerical study of possible improvement on aerodynamic performance of parastoo UAV	Esmaeel Eslami & Mehran Tadjfar	January 2009
32	STUDY THE INFLUENCE OF POSITION AND THE ANGLE OF THE WINGLEST ON MITE MICRO AIR VEHICLE	Babak Ganji Gargari & Mehran Tadjfar	September 2008
33	STUDY OF PLAN FORM SHAPES IN FLUENCE ON MAV WINGS	Hessan Esmaeili Monir & Mehran Tadjfar	March 2008
34	study of flow and wave in a pipe network	Mohsen Ghasemi Ardaji & Mehran Tadjfar	May 2007
35	performance of biological air foils in low Reynolds numbers	Elham Fard Sarhangi & Mehran Tadjfar	February 2007

Journal Papers

Portal Records

- 1 Siroos Kasmaiee, Mehran Tadjfar, "Influence of injection angle on liquid jet in crossflow", INTERNATIONAL JOURNAL OF MULTIPHASE FLOW, May 2022 Vol. 153, Num. 104128, Page 1-19, May 2022,
- 2 Ehsan Asgari, Mehran Tadjfar, "Role of phase-difference between two adjacent rectangular synthetic jet actuators in active control of flow over a rounded ramp", PHYSICS OF FLUIDS, February 2022 Vol. 34, Num. 25101, Page 1-20, February 2022,
- 3 Mehran Tadjfar, Amin Jaber, Saman Najafi, Afsoon Hatami, Mohammad Hosein Aliyoldashi, Yosef Rezaei, Mehran Mokhtari, Kasra Asadollahbeiki, Mohammad Ebrahimi, Bahman Khazaei, "Experimental Visualization of Liquid-Gas Interactions", JOURNAL OF FLUIDS ENGINEERING-TRANSACTIONS OF THE ASME, January 2022 Vol. 144, Num. 4, Page 1-2, January 2022,
- 4 Niloofer Sadat Hosseini, Mehran Tadjfar, Antonella Abba, "Configuration optimization of two tandem airfoils at low Reynolds numbers", APPLIED MATHEMATICAL MODELLING, October 2021 Vol. 102, Num. 1, Page 828-846, October 2021,
- 5 Amin Jaber, Mehran Tadjfar, "Two-dimensional liquid sheet in transverse subsonic airflow", EXPERIMENTAL THERMAL AND FLUID SCIENCE, May 2021 Vol. 123, Num. 110326, Page 1-21, May 2021,
- 6 Djavad Kamari, Mehran Tadjfar, "Implementation of Continuous Blowing and Synthetic Jet Actuators to Control the Flow Separation over a Fully Stalled Airfoil", , April 2021 Vol. 0, Num. 0, Page 0-0, April 2021,
- 7 Amin Jaber, Mehran Tadjfar, "Investigation on Base Flow of Two-Dimensional Liquid Jets Injected into Stagnant Air", , February 2021 Vol. 53, Num. 11, Page 51-60, February 2021,
- 8 Mohammad Hosein Aliyoldashi, Mehran Tadjfar, Amin Jaber, "Entrance length effects on the flow features of rectangular liquid jets", PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART G-JOURNAL OF AEROSPACE ENGINEERING, September 2020 Vol. 115, Num. 3, Page 144-157, September 2020,
- 9 Amin Jaber, Mehran Tadjfar, "Visualization of two-dimensional liquid sheets issued into subsonic gaseous crossflow", JOURNAL OF VISUALIZATION, May 2020 Vol. 23, Num. 4, Page 1-20, May 2020,
- 10 Amin Jaber, Mehran Tadjfar, "Comparative study on interfacial oscillations of rectangular and elliptical liquid jets", PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART G-JOURNAL OF AEROSPACE ENGINEERING, January 2020 Vol. 235, Num. 2, Page 1-15, January 2020,
- 11 Amin Jaber, Mehran Tadjfar, "Wavelength and frequency of axis-switching phenomenon formed over rectangular and elliptical liquid jets", INTERNATIONAL JOURNAL OF MULTIPHASE FLOW, October 2019 Vol. 119, Num. 1, Page 144-154, October 2019,

- 12 Mehran Tadjfar, Djavad Kamari, "Optimization of Flow Control Parameters Over SD7003 Airfoil With Synthetic Jet Actuator", JOURNAL OF FLUIDS ENGINEERING-TRANSACTIONS OF THE ASME, October 2019 Vol. 142, Num. 2, Page 1-15, October 2019,
- 13 Ehsan Asgari, Mehran Tadjfar, "Active control of flow over a rounded ramp by means of single and double adjacent rectangular synthetic jet actuators", COMPUTERS & FLUIDS, August 2019 Vol. 190, Num. 0, Page 98-113, August 2019,
- 14 Mehran Tadjfar, Amin Jaber, "Effects of aspect ratio on the flow development of rectangular liquid jets issued into stagnant air", INTERNATIONAL JOURNAL OF MULTIPHASE FLOW, March 2019 Vol. 115, Num. 1, Page 144-157, March 2019,
- 15 Yosef Rezaei, Mehran Tadjfar, "Experimental Comparison of Injection Characteristics of Elliptical and Circular Liquid Jets into an Air Crossflow", , December 2018 Vol. 40, Num. 5, Page 1-22, December 2018,
- 16 Amin Jaber, Mehran Tadjfar, Armin Sheidani, "Experimental Comparison of Breakup and Flow Characteristics of Rectangular and Elliptical Water Jets", , December 2018 Vol. 50, Num. 4, Page 1-25, December 2018,
- 17 Mehran Tadjfar, Ehsan Asgari, "The Role of Frequency and Phase Difference Between the Flow and the Actuation Signal of a Tangential Synthetic Jet on Dynamic Stall Flow Control", JOURNAL OF FLUIDS ENGINEERING-TRANSACTIONS OF THE ASME, October 2018 Vol. 140, Num. 11, Page 1-13, October 2018,
- 18 Amin Jaber, Mehran Tadjfar, Armin Sheidani, "Experimental Investigation of Breakup Characteristics of Elliptical, Rectangular and Circular Water Jets", , September 2018 Vol. 30, Num. 1, Page 1-8, September 2018,
- 19 Djavad Kamari, Mehran Tadjfar, Ali Madadi, "Optimization of SD7003 airfoil performance using TBL and CBL at low Reynolds numbers", AEROSPACE SCIENCE AND TECHNOLOGY, May 2018 Vol. 79, Num. 0, Page 199-211, May 2018,
- 20 Mehran Tadjfar, Ehsan Asgari, "Active Flow Control of Dynamic Stall By Means of Continuous Jet Flow at Reynolds Number of 1×10^6 ", JOURNAL OF FLUIDS ENGINEERING-TRANSACTIONS OF THE ASME, September 2017 Vol. 139, Num. 12, Page 1-22, September 2017,
- 21 Ehsan Asgari, Mehran Tadjfar, "Assessment of four inflow conditions on large-eddy simulation of a gently curved backward-facing step", JOURNAL OF TURBULENCE, November 2016 Vol. 18, Num. 1, Page 61-86, November 2016,
- 22 Abdolali Haghiri, Niosha Fallahpour, Mahmoud Mani, Mehran Tadjfar, "Experimental study of boundary layer in compressible flow using hot film sensors through statistical and qualitative methods", JOURNAL OF MECHANICAL SCIENCE AND TECHNOLOGY, November 2015 Vol. 29, Num. 11, Page 4671-4679, November 2015,
- 23 Morteza Bayati, Mehran Tadjfar, "High Helmholtz Sound Prediction Generated by Confined Flows and Propagation within Ducts", International Journal of Acoustics and Vibration, March 2015 Vol. 20, Num. 1, Page 47-55, March 2015,
- 24 Hesan Esmaeili Monir, Mehran Tadjfar, Amrollah Bakhtian, "Tangential synthetic jets for separation control", JOURNAL OF FLUIDS AND STRUCTURES, December 2013 Vol. 45, Num. 45, Page 50-65, December 2013,
- 25 Esmaeel Eslami, Mehran Tadjfar, Saman Najafi, "Aerodynamic performance of Parastoo UAV", AIRCRAFT ENGINEERING AND AEROSPACE TECHNOLOGY, March 2013 Vol. 85, Num. 2, Page 97-103, March 2013,
- 26 Fariba Ajalli, Mahmoud Mani, Mehran Tadjfar, "Plunging Wake Analysis of an Airfoil Equipped With a Gurney Flap", EXPERIMENTAL TECHNIQUES, October 2012 Vol. 36, Num. 6, Page 1-13, October 2012,
- 27 Hesan Esmaeili Monir, Mehran Tadjfar, "Study of Wing Shapes Influence on MAV Aerodynamic Coefficients", , July 2012 Vol. 2, شماره 23, Num. 6, Page 29-46, July 2012,
- 28 Arash Ahmadzadegan, Mehran Tadjfar, Morteza Bayati, "use of stochastic turbulence model in jet acoustics", Amirkabir International Journal of Modeling, Identification, Simulation & Control, November 2011 Vol. 43, Num. 2, Page 19-27, November 2011,
- 29 Arash Ahmad Zadeh, Mehran Tadjfar, "Aerodynamic Noise Prediction Using Stochastic Turbulence Modeling", , January 2008 Vol. , Num. 5, Page 0-0, January 2008,
- 30 Mehran Tadjfar, "Flow Into An Arterial Branch Model", , March 2006 Vol. , Num. 54, Page 0-0, March 2006,
- 31 Mehran Tadjfar, "Direct simulations and modelling of basic three-dimensional bifurcating tube flows", , November 2004 Vol. , Num. 519, Page 0-0, November 2004,

Conference Papers







Portal Records

- 1 Niloofar Sadat Hosseini, Mehran Tadjfar, Antonella Abba, "Numerical Study of Aerodynamic Forces of Two Airfoils in Tandem Configuration at Low Reynolds Number ", ASME 2021 Fluids Engineering Division Summer Meeting FEDSM2021, August 2021
- 2 Mehran Tadjfar, Siroos Kasmaiee, Saman Kasmaiee, "Impacts of Circular Liquid Jet Injection Angle Into Low Subsonic Crossflow ", ASME 2021 Fluids Engineering Division Summer Meeting FEDSM2021, August 2021
- 3 Mehran Tadjfar, Siroos Kasmaiee, Sahar Noori, "Optimization of NACA 0012 Airfoil Performance in Dynamics Stall Using Continuous Suction Jet ", ASME Fluids Engineering Division Summer Meeting FEDSM2020, July 2020
- 4 Djavad Kamari, Mehran Tadjfar, Ali Tarokh, "Large Eddy Simulation of Active Flow Control Over SD7003 at Reynolds Number of 60,000 ", ASME Fluids Engineering Division Summer Meeting FEDSM2020, July 2020
- 5 Niloofar Sadat Hosseini, Mehran Tadjfar, "Investigating the Effect of Configuration and Reduced Frequency on SD7003 Airfoils Performance in Tandem ", ASME Fluids Engineering Division Summer Meeting FEDSM2020, July 2020
- 6 Amin Jaber, Mehran Tadjfar, "Flow Development of a Liquid Sheet Issued Into Low-Speed Airstream ", ASME Fluids Engineering Division Summer Meeting FEDSM2020, July 2020
- 7 Mehran Tadjfar, Saman Kasmaiee, Sahar Noori, "Continuous Blowing Jet Flow Control Optimization in Dynamic Stall of NACA0012 Airfoil ", ASME Fluids Engineering Division Summer Meeting FEDSM2020, July 2020
- 8 Rojin Shokri Khanghah, Mehran Tadjfar, Amin Jaber, "Rectangular Liquid Jet Injected Transversely into a Subsonic Crossflow ", 28th annual international conference of Iranian society of mechanical engineering, May 2020
- 9 Amin Jaber, Mehran Tadjfar, "Experimental Study of Physical Characteristics of Two-Dimensional Liquid Jets Injected into Still Air ", 18th Fluid Dynamics Conference, August 2019
- 10 Mehran Tadjfar, Amin Jaber, Rojin Shokri Khanghah, "FLOW CHARACTERISTICS OF RECTANGULAR LIQUID JETS INJECTED INTO LOW SUBSONIC CROSSFLOW ", ASME - JSME - KSME Joint Fluids Engineering Conference 2019, July 2019
- 11 Amin Jaber, Mehran Tadjfar, "EXPERIMENTAL INVESTIGATION ON FLOW AND BREAKUP OF TWO-DIMENSIONAL LIQUID JETS ", ASME-JSME-KSME Joint Fluids Engineering Conference 2019, July 2019
- 12 Mehran Tadjfar, Djavad Kamari, "Coupled Blowing and Suction for Flow Separation Control ", ASME-JSME-KSME Joint Fluid Engineering Conference (FEDSM2019), July 2019
- 13 Amin Jaber, Mehran Tadjfar, "Experimental Study on the Interfacial Instabilities of Rectangular Liquid Jets Injected into Still Air ", 27th Annual International Conference of Iranian Society of Mechanical Engineering and 7th Conference on Thermal Power Plants, April 2019
- 14 Djavad Kamari, Mehran Tadjfar, "SYNTHETIC JET FLOW CONTROL OPTIMIZATION ON SD7003 AIRFOIL AT LOW REYNOLDS NUMBER ", ASME 2018 Fluids Engineering Division Summer Meeting FEDSM2018, July 2018
- 15 Mehran Tadjfar, Yosef Rezaei, "EXPERIMENTS ON THE INJECTION OF ELLIPTICAL LIQUID JETS INTO A LOW SPEED AIRFLOW ", ASME 2018 Fluids Engineering Division Summer Meeting FEDSM2018, July 2018
- 16 Amin Jaber, Mehran Tadjfar, "FLOW CHARACTERISTICS OF WATER JETS DISCHARGING FROM RECTANGULAR AND ELLIPTICAL INJECTORS ", ASME 2018 Fluids Engineering Division Summer Meeting FEDSM2018, July 2018
- 17 Ehsan Asgari, Mehran Tadjfar, "COMPARISON OF TWO ACTIVE FLOW CONTROL MECHANISMS OF PURE BLOWING AND PURE SUCTION ON A PITCHING NACA0012 AIRFOIL AT REYNOLDS NUMBER OF 10^6 ", ASME 2018 Fluids Engineering Division Summer Meeting FEDSM2018, July 2018
- 18 Yosef Rezaei, Mehran Tadjfar, "Experimental Investigation of Injection Circular and Elliptical Liquid Jets into an air Crossflow ", The 17th International Conference Iranian Aerospace Society, June 2018

- 19 Amin Jaber, Mehran Tadjfar, "Experimental Investigation of Instabilities of Elliptical and Rectangular Water Jets ", 26th Annual International Conference of Iranian Society of Mechanical Engineers, April 2018
- 20 Djavad Kamari, Mehran Tadjfar, "TBL and CBL Jet Injection Effects on Performance of SD7003 at Low Reynolds Number ", 17th Fluid Dynamics Conference, August 2017
- 21 Ehsan Asgari, Armin Sheidani, Mehran Tadjfar, "STUDY ON THE EFFECTS OF ACTIVE FLOW CONTROL ON AERODYNAMIC PERFORMANCE OF TWO AIRFOILS IN TANDEM CONFIGURATION ", ASME 2017 Fluids Engineering Division Summer Meeting FEDSM2017, July 2017
- 22 Amir Karimi Noughabi, Morteza Bayati, Mehran Tadjfar, "INVESTIGATION OF CAVITATION PHENOMENA ON NOISE OF UNDERWATER PROPELLER ", ASME 2017 Fluids Engineering Division Summer Meeting FEDSM2017, July 2017
- 23 Djavad Kamari, Mehran Tadjfar, "INVESTIGATING THE EFFECTS OF USING SYNTHETIC JET ON WING TIP VORTEX AT LOW REYNOLDS NUMBER ", ASME 2017 Fluids Engineering Division Summer Meeting FEDSM2017, July 2017
- 24 Nooshin Zeinali Khameneh, Mehran Tadjfar, "IMPROVEMENT OF WIND TURBINE EFFICIENCY BY USING SYNTHETIC JETS ", ASME 2016 Fluids Engineering Division Summer Meeting FEDSM2016, July 2016
- 25 Afshin Abdi, Mehran Tadjfar, Morteza Bayati, "INFLUENCE OF TANGENTIAL SYNTHETIC JET LOCATION ON FLOW CONTROL ", ASME 2016 Fluids Engineering Division Summer Meeting FEDSM2016, July 2016
- 26 Amir Karimi Noughabi, Mehran Tadjfar, "AERODYNAMIC PERFORMANCE ANALYSIS OF RADIAL-INFLOW TURBINE USING CFD SIMULATION IN COMPARISON WITH MEAN-LINE METHOD ", ASME 2016 Fluids Engineering Division Summer Meeting FEDSM2016, July 2016
- 27 Morteza Bayati, Mehran Tadjfar, "Using Curl Analogy and Boundary Element in Noise Prediction of a Sudden Expansion Chamber ", Fluid Dynamics 2015, November 2015
- 28 Ehsan Asgari, Mehran Tadjfar, "ACTIVE FLOW CONTROL OF DYNAMIC STALL BY MEANS OF JET FLOW AT HIGH REYNOLDS NUMBER 1×10^6 ", Fluid Dynamics 2015, November 2015
- 29 Vahideh Eshaghian, Mehran Tadjfar, Masoud Boroomand, "CFD Simulation and Dynamic Stall Study of a Vertical Axis Wind Turbine ", The 23rd Annual International Conference on Mechanical Engineering-ISME2015, May 2015
- 30 Amir Karimi Noughabi, Mehran Tadjfar, "Development an Aerodynamic Performance Analysis for Radial-Inflow Turbine ", The 23rd Annual International Conference on Mechanical Engineering-ISME2015, May 2015
- 31 Sina Pooladsanjajamloo, Mehran Tadjfar, "WINGLET EFFECT ON WING-TIP VORTEX FLOW AT LOW REYNOLDS NUMBER ", 15th Fluid Dynamics Conference, FD2013, December 2013
- 32 Amir Karimi Noughabi, Mehran Tadjfar, "Aerodynamic Anlysis of MAV wing ", 15th Fluid Dynamics Conference, FD2013, December 2013
- 33 Morteza Bayati, Mehran Tadjfar, "AEROACOUSTIC SOUND PREDICTION OF A DIAPHRAGM BY A HYBRID METHOD ", 15th Fluid Dynamics Conference, FD2013, December 2013
- 34 Sina Pooladsanjajamloo, Mehran Tadjfar, "NUMERICAL STUDY OF WINGLET AT LOW REYNOLDS NUMBERS ", ASME 2013 Fluids Engineering Summer Meeting (FEDSM2013), July 2013
- 35 Rambod Moigani, Mehran Tadjfar, "EFFECTS OF KINEMATICS ON LOW REYNOLDS NUMBER WING ", ASME 2013 Fluids Engineering Summer Meeting (FEDSM2013), July 2013
- 36 Amir Karimi Noughabi, Mehran Tadjfar, "CROSS-WIND INFLUENCE ON LOW ASPECT RATIO WINGS AT LOW REYNOLDS NUMBERS ", ASME 2013 Fluids Engineering Summer Meeting (FEDSM2013), July 2013
- 37 Morteza Bayati, Mehran Tadjfar, "AEROACOUSTIC SOUND PREDICTION OF A DIAPHRAGM BY A HYBRID METHOD ", ASME, July 2013
- 38 Morteza Bayati, Mehran Tadjfar, "High Helmholtz Sound Prediction Generated by Confined Flows and Propagation within the Duct ", National conference on Mechanical Engineering, May 2013
- 39 Morteza Bayati, Mehran Tadjfar, "Calculation of Sound Scattering by a Boundary Element Extension of Curles Analogy ", 20th Annual International Iranian Mechanical Engineering Conference ISME, May 2012
- 40 Mehran Tadjfar, "Study of planform shape influence on MAV wings ", , August 2009

- 41 Sadid Salajegheh, Mehran Tadjfar, "Unsteady flow over a dragonfly wing section model ", , August 2009
- 42 [en-name N/A], Mehran Tadjfar, "Influence of tip shape on structure of wing tip vortex at low reynolds numbers ", , August 2009
- 43 Djavad Kamari, Mehran Tadjfar, "Tip vortex structure at low Reynolds numbers ", 12th Iranian Fluid Dynamics Conference, April 2009
- 44 Hesson Esmaeili Monir, Mehran Tadjfar, "Influene of the edge shape on the aerodynamics performance of MAV wings ", 12th Iranian Fluid Dynamics Conference, April 2009
- 45 Sadid Salajegheh, Mehran Tadjfar, "Aerodynamics coefficients of an oscillating dragon fly wing ", 12th Iranian Fluid Dynamics Conference, April 2009
- 46 Arash Ahmadzadegan, Mehran Tadjfar, "Combination of lighthill acoustic analogy and stochastic turbulence modelling for far field acoustic prediction ", , December 2007
- 47 Arash Ahmadzadegan, Mehran Tadjfar, "On the production of acoustics of Jet noise using stochastic turbulence modeling ", , May 2007
- 48 Elham Fard Sarhangi, Mehran Tadjfar, "Comparison of aerodynamic performance of biological airfoils with modeled airfoils at low reynolds number flow ", , May 2007
- 49 Mehran Tadjfar, "Effect of suction hole geometry on a boundary layer flow ", , December 1996

Taught Courses

#	Course title	Description	Headlines	Date
1	Aerodynamics (I)	To provide understanding of aerodynamics of incompressible flow with emphasis on airfoils and finite wings for second year undergraduate students.		Spring 2022
2	Turbulent Flow	To provide understanding of physics and fundamentals of turbulence, a general introduction of different approaches to turbulent flows, k- ϵ turbulence model		Spring 2022
3	Fluid Mechanics	To provide understanding of fluid mechanics concepts and principles with an introduction to Navier-Stokes equations for second year undergraduate students		Fall 2021
4	Viscous Flow	To provide understanding of fluid dynamics concepts, Navier-Stokes equations and their exact solutions, with particular attention to viscous flows.		Fall 2021
5	Aerodynamics (I)	To provide understanding of aerodynamics of incompressible flow with emphasis on airfoils and finite wings for second year undergraduate students.		Spring 2021
6	Turbulent Flow	To provide understanding of physics and fundamentals of turbulence, a general introduction of different approaches to turbulent flows, k- ϵ turbulence model		Spring 2021