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#### تحصیلات

- 1) کارشناسی ارشد، 1388، مهندسی مکانیک، دانشگاه تهران
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#### مقالات چاپ شده در نشریات بین‌المللی

- 1) Kayvan Sadeghy. "Rheological characterization of aqueous solutions of Comb associative polymers based on poly ( ethylene ) oxide." LANGMUIR 13, no. 26 (1999): 6903-6911.
- 2) Kayvan Sadeghy, and David F James . "Elasticity of associative polymer solutions and slip at high shear stress." JOURNAL OF NON-NEWTONIAN FLUID MECHANICS 90, no. 2-3 (2000): 127-158.
- 3) Kayvan Sadeghy, and M Sharifi . "Blasius flow of viscoelastic fluids : a numerical approach." APPLIED MECHANICS AND ENGINEERING 9, no. 2 (2004): 399-412.
- 4) Kayvan Sadeghy, and Mehdi Sharifi . "Local similarity solution for the flow of a second - grade viscoelastic fluid above a moving plate." INTERNATIONAL JOURNAL OF NON-LINEAR MECHANICS 39, no. 8 (2004): 1265-1273.
- 5) Kayvan Sadeghy, Amir Hosain Najafi , and Meghdad Saffaripour . "Sakiadis Flow of an Upper - Convected Maxwell Fluid." INTERNATIONAL JOURNAL OF NON-LINEAR MECHANICS 40, no. 9 (2005): 1220-1228.
- 6) Kayvan Sadeghy, Hadi Hajibeygib , and Seyed Mohammad Taghavi . "Stagnation - Point Flow of Upper - Convected Maxwell Fluids." INTERNATIONAL JOURNAL OF NON-LINEAR MECHANICS 41, no. 10 (2006): 1242-1247.
- 7) Abazar Shamekhi , and Kayvan Sadeghy. "Lid - driven cavity simulation by mesh - free method." International Journal of Computational Methods 4, no. 3 (2007): 397-415.
- 8) Kayvan Sadeghy, Ayda Karimfazli , Mohammad Mmirzadeh , Navid Khabazi , and Vahid Taghavi . "On the Use of Hydrodynamic Instability Test as an Efficient Tool for Evaluating Viscoelastic Fluid Models." Advanced Studies in Theoretical Physics 1, no. 8 (2007): 367-379.
- 9) Kayvan Sadeghy, Navid Khabazi , and Vahid Taghavi . "Magnetohydrodynamic ( MHD ) flows of viscoelastic fluids in converging / diverging channels." INTERNATIONAL JOURNAL OF ENGINEERING SCIENCE 45, no. 45 (2007): 923-938.
- 10) Ali Ahmadpour, Ali Amini, and Kayvan Sadeghy. "Dynamics of Gas Bubble Surrounded by Dullart-Mewis Thixotropic Fluid." NIHON REOROJI GAKKAISHI 41, no. 5 (2011): 61-71.
- 11) Ali Ahmadpour, and Kayvan Sadeghy. "Dynamics of Gasous Bubble Surrounded by Dullart-Mewis Thixotropic Fluid." JOURNAL OF RHEOLOGY 5(41), no. 5 (2011): 61-71.
- 12) Ali Ahmadpour, , and Kayvan Sadeghy. "Dynamics of Gas Bubbles Surrounded by Dullart-Mewis Thixotropic Liquid." NIHON REOROJI GAKKAISHI 41, no. 5 (2012): 62-72.
- 13) Kayvan Sadeghy, and Mohamad Vahabi. "Simulating Bubble Shape During its Rise in Carreau-Yasuda Fluids Using WC-SPH Method." NIHON REOROJI GAKKAISHI 41, no. 5 (2013): 319-329.
- 14) Mohamad Vahabi, and Kayvan Sadeghy. "Simulating a Bubble Shape During its Rise in Carreau-Yasuda Fluids Using WC-SPH Method." NIHON REOROJI GAKKAISHI 41, no. 5 (2013): 319-329.
- 15) Shams Vahabi, and Kayvan Sadeghy. "Simulating Bubble Shape During Rise in Carreau-Yasuda Fluids Using WC-SPH Method." NIHON REOROJI GAKKAISHI 41, no. 5 (2013): 319-329.

- 16) Ali Ahmadpour, and Kayvan Sadeghy. "Swirling flow of Bingham fluids above a rotating disk: an exact solution." JOURNAL OF NON-NEWTONIAN FLUID MECHANICS 197, no. 197 (2013): 41-47.
- 17) Ahmad Ali Pourbabaee, Mehdi Jalali Jivan, and Kayvan Sadeghy. "Dynamics of Gas Bubbles Surrounded by Dulaert-Mewis Thixotropic Fluids." NIHON REOROJI GAKKAISHI 41, no. 5 (2013): 60-70.
- 18) Mohamad Vahabi, and Kayvan Sadeghy. "On the Use of SPH Method for Simulating Gas Bubbles Rising in Viscoelastic Liquids." NIHON REOROJI GAKKAISHI 42, no. 5 (2014): 309-319.
- 19) Navid Pirzai-khabazi, Mohsen Aryan, , and Kayvan Sadeghy. "Sakiadis flow of Harris fluids: a series solution." NIHON REOROJI GAKKAISHI 42, no. 4 (2014): 245-253.
- 20) Ali Ahmadpour, Mohsen Ghasemi, Jalil Jamali, and Kayvan Sadeghy. "On the validity of boundary layer theory for simulating von Karman flows of Bingham fluids." NIHON REOROJI GAKKAISHI 42, no. 3 (2014): 161-167.
- 21) Mohammad Pourjafar, Kayvan Sadeghy, and Emad Chaparian. "Taylor–Couette instability of thixotropic fluids." MECCANICA 50, no. 50 (2015): 1451-1465.
- 22) Shapoor Jafargholinejad, Mohammad Najafi, and Kayvan Sadeghy. "Hydroelastic Instability of Viscoplastic Fluids in Planar Channel Flow." NIHON REOROJI GAKKAISHI 43, no. 5 (2015): 157-164.
- 23) Haleh Alimohamadi, and Kayvan Sadeghy. "On the Use of Magnetic Fields for Controlling the Temperature of Hot Spots of Porous Plaques in Stenosis Arteries." NIHON REOROJI GAKKAISHI 43, no. 5 (2015): 123-132.
- 24) Navid Pirzai-khabazi, Seyed Mohammad Taghavi, and Kayvan Sadeghy. "Peristaltic Flow of Bingham Fluids at Large Reynolds Number: a Numerical Study." JOURNAL OF NON-NEWTONIAN FLUID MECHANICS 227, no. 227 (2015): 30-44.
- 25) Mohammad Pourjafar, Hossein Hamed, and Kayvan Sadeghy. "Stability of power-law fluids in creeping Poiseuille: the effect of wall compliance." JOURNAL OF NON-NEWTONIAN FLUID MECHANICS 216, no. 216 (2015): 22-30.
- 26) Behnam Ebrahimi, Hamed Gholamian, Payman Mostaghimi, and Kayvan Sadeghy. "Viscous fingering in yield stress fluids: a numerical study." JOURNAL OF ENGINEERING MATHEMATICS DOI 10.1007/s10665-015-9803-0, no. DOI 10.1007/s10665-015-9803-0 (2015): 1-14.
- 27) Behnam Ebrahimi, Kayvan Sadeghy, and Mohammadali Akhavanbehadi. "Viscous Fingering of Thixotropic Fluids: a Linear Stability Analysis." NIHON REOROJI GAKKAISHI 43, no. 2 (2015): 27-34.
- 28) Behnam Ebrahimi, Seyed Mohammad Taghavi, and Kayvan Sadeghy. "Two-phase viscous fingering of immiscible thixotropic fluids: A numerical study." JOURNAL OF NON-NEWTONIAN FLUID MECHANICS 218, no. 218 (2015): 40-52.
- 29) Kayvan Sadeghy, and Navid Pirzai-khabazi. "Peristaltic flow of Bingham fluids at large Reynolds numbers: A numerical study." JOURNAL OF NON-NEWTONIAN FLUID MECHANICS 227, no. 227 (2016): 30-44.
- 30) Ramin Jazmi, and Kayvan Sadeghy. "Effect of non-affine motion on centrifugal instability of circular Couette flow." JOURNAL OF NON-NEWTONIAN FLUID MECHANICS 230, no. 230 (2016): 19-30.
- 31) Mohammad Pourjafar Chelikhani, and Kayvan Sadeghy. "Linear stability of shear-thinning fluids in deformable channels: Effect of inertial terms." JOURNAL OF NON-NEWTONIAN FLUID MECHANICS 230, no. 230 (2016): 80-91.
- 32) Haleh Alimohammadi, Maryamossadat Akram, and Kayvan Sadeghy. "Flow of a Casson fluid through a locally-constricted porous channel: a numerical study." KOREA-AUSTRALIA RHEOLOGY JOURNAL 28, no. 2 (2016): 129-137.
- 33) Kayvan Sadeghy, and Mohamad Vahabi. "The effect of thixotropy on a rising gas bubble: A numerical study." KOREA-AUSTRALIA RHEOLOGY JOURNAL 28, no. 3 (2016): 207-216.
- 34) Navid Pirzai-khabazi, and Kayvan Sadeghy. "Peristaltic transport of solid particles suspended in a viscoplastic fluid: A numerical study." JOURNAL OF NON-NEWTONIAN FLUID MECHANICS 236, no. 236 (2016): 1-17.
- of Herschel-Bulkley fluids in collapsible channels: a numerical study." KOREA-AUSTRALIA RHEOLOGY JOURNAL 28, no. 4 (2016): 1-11.
- 35) Ali Amini, علی اقتصادی, and Kayvan Sadeghy. "Creeping flow
- 36) Mohammad Pourjafar chelikhani, and Kayvan Sadeghy. "Pressure-driven flows of Quemada fluids in a channel lined with a poroelastic layer: A linear stability analysis." JOURNAL OF NON-NEWTONIAN FLUID MECHANICS 2017, no. 242 (2017): 23-47.
- 37) Ali Salehi-shabestari, Mehrdad Raisee, and Kayvan Sadeghy. "Immiscible Displacement of Viscoplastic Waxy Crude Oils: A Numerical Study." JOURNAL OF POROUS MEDIA 3, no. 20 (2017): 1-17.

- 38) Zahra Poursharifi, and Kayvan Sadeghy. "On the use of Lattice-Boltzmann method for simulating peristaltic flow of viscoplastic fluids in a closed cavity." JOURNAL OF NON-NEWTONIAN FLUID MECHANICS 2017, no. 243 (2017): 1-15.
- 39) Ali Salehi-shabestari, Mehrdad Raisee, and Kayvan Sadeghy. "IMISCIBLE DISPLACEMENT OF VISCOPLASTIC WAXY CRUDE OILS: A NUMERICAL STUDY." JOURNAL OF POROUS MEDIA 20, no. 5 (2017): 417-433.
- 40) Mohammad Pourjafar chelikdani, Mohammad Taghilou, Kayvan Sadeghy, and Seyed Mohammad Taghavi. "On use of biphasic mixture theory for investigating the linear stability of viscous flow through a channel lined with a viscoelastic porous bio-material." INTERNATIONAL JOURNAL OF NON-LINEAR MECHANICS 105, no. 105 (2017): 200-211.
- 41) Mohammad Nahavandian, Mohammad Pourjafar chelikdani, and Kayvan Sadeghy. "Stability of Thixotropics Fluid in Pipe Flow." Scientia Iranica 25, no. 1 (2017): 1-10.
- 42) Zahra Poursharifi, Hanieh Asadi, and Kayvan Sadeghy. "Effect of pillars on mixing efficiency of peristaltically-driven Bingham fluid within a closed channel: an LBM simulation." KOREA-AUSTRALIA RHEOLOGY JOURNAL 30, no. 2 (2017): 1-14.
- 43) Mohammad Pourjafar chelikdani, Mohammad Nahavandian, and Kayvan Sadeghy. "Stability of Thixotropic Fluids in Pipe Flow." Scientia Iranica 0, no. 0 (2017): 0-0.
- 44) Zahra Poursharifi, and Kayvan Sadeghy. "Peristaltic manipulation of a bio-particle contained in a closed cavity filled with a Bingham fluid: A numerical study." JOURNAL OF NON-NEWTONIAN FLUID MECHANICS 252, no. 252 (2018): 28-47.
- 45) Zahra Poursharifi, and Kayvan Sadeghy. "Peristaltic manipulation of a bioparticle contained in a closed cavity filled with a Bingham fluid: A numerical study." JOURNAL OF NON-NEWTONIAN FLUID MECHANICS 252, no. 252 (2018): 28-47.
- 46) Zahra Poursharifi, Hanieh Asadi, and Kayvan Sadeghy. "Effect of pillars on the mixing efficiency of a peristaltically-driven Bingham fluid within a closed channel: A LBM simulation." KOREA-AUSTRALIA RHEOLOGY JOURNAL 30, no. 2 (2018): 75-88.
- 47) Mohammad Pourjafar chelikdani, Mohammad Taghilou, Seyed Mohammad Taghavi, and Kayvan Sadeghy. "On the use of biphasic mixture theory for investigating the linear stability of viscous flow through a channel lined with a viscoelastic porous bio-material." JOURNAL OF NON-NEWTONIAN FLUID MECHANICS <https://doi.org/10.1016/j.ijnonlinmec.2018.05.019>, no. <https://doi.org/10.1016/j.ijnonlinmec.2018.05.019> (2018): <https://doi.org/10.1016/j.ijnonlinmec.2018.05.019>.
- 48) T.. Rezaee, and Kayvan Sadeghy. "Effect of porosity on the settling behavior of a 2D elliptic particle in a narrow vessel: A lattice-Boltzmann simulation." PHYSICS OF FLUIDS 31, no. 12 (2019): 123301.
- 49) Safari Fard Morteza, Zahra Aghaei, Mohammad Pourjafar Chelikdani, Solmaz Bazargan, and Kayvan Sadeghy. "Hydroelastic instability of viscoelastic fluids in developing flow through a compliant channel." KOREA-AUSTRALIA RHEOLOGY JOURNAL 32, no. 2 (2020): .
- 50) MohammadMahdi Badami, Alireza Riasi, and Kayvan Sadeghy. "Numerical analysis of laminar viscoelastic fluid hammer phenomenon in an axisymmetric pipe." Journal of the Brazilian Society of Mechanical Sciences and Engineering 43, no. 396 (2021): .
- 51) M. R. Kamaltdinov, A. G. Kuchumov, and Kayvan Sadeghy. "Chyme flow numerical modelling in the colon in normal conditions and in disorders." Series on Biomechanics 36, no. 1 (2022): 105-112.

#### مقالات چاپ شده در نشریات داخلی

- (1) کیوان صادقی. "بررسی پدیده لغزش در گلهای حفاری پایه آبی." دانشکده فنی دانشگاه تهران 37, 1 (1111): 133-143.
- (2) کیوان صادقی. "چگونگی استفاده از جریان در کانالهای همگرا برای مطالعه رفتار الاستیک محلولهای پلیمری." دانشکده فنی دانشگاه تهران 33, 4 (1378): 115-121.
- (3) کیوان صادقی و ساسان دشتستانی نژاد. "طراحی و ساخت رئومتر مخروط - صفحه برای بررسی خواص رئولوژیک سیالات غیر نیوتنی در جریان برشی." نشریه مهندسی مکانیک ایران 9, 1 (1379): 34-38.
- (4) مهرداد رحبی و کیوان صادقی. "محاسبه نیروهای هیدرودینامیکی وارده بر یک هیدروفویل تحت شرایط کاویتاسیون از نوع گسترده." دانشکده فنی دانشگاه تهران 35, 4 (1380): 543-551.
- (5) کیوان صادقی و مهدی شریفی. "حل دقیق معادلات لایه مرزی برای یک سیال ویسکوالاستیک از نوع مرتبه دوم در جریان بالای یک صفحه ساکن." دانشکده فنی دانشگاه تهران 37, 1 (1382): 123-132.
- (6) کیوان صادقی. "ارتعاش در فنهای غبار زدا و چگونگی برطرف نمودن آن." نشریه مهندسی مکانیک ایران 13, 34 (1383): 16-23.
- (7) کیوان صادقی و نصراله غلام زاده. "کاهش ضریب درگ اجرام UUV با استفاده از پوششهای پلیمری." دانشکده فنی دانشگاه تهران 39, 6 (1384): 744-733.

- 1) Kayvan Sadeghy. "On the Use of Energy Efficient Air Cycles in Industrial Freezing." IEEEES-1, Izmir.
- 2) Kayvan Sadeghy. "Blasius flow of viscoelastic fluids: a boundary layer analysis." FTEC-2003, Bali.
- 3) Amir Hossein Najafi, and Kayvan Sadeghy. "Bubble dynamics in non-Newtonian fluids: a numerical approach." CFD 2004, Ottawa.
- 4) Kayvan Sadeghy, and . "Sakiadis Flow of a Maxwellian fluid: A numerical approach." CFD 2004, Ottawa.
- 5) , and Kayvan Sadeghy. "Cavitation noise suppression using polymeric additives." CMES-04, Cappadocia.
- 6) , and Kayvan Sadeghy. "The effect of a fluid's elasticity on cavitation noise suppression." XIV Int. Congress on Rheology, Seoul.
- 7) Kayvan Sadeghy. "Bubble Dynamics in Power-Law Non-Newtonian Fluids." ISME-2005, Isfahan.
- 8) Kayvan Sadeghy. "An Investigation of Cavitation Phenomenon in Upper-Convected Maxwell Fluids." PRCR4, Shanghai.
- 9) Kayvan Sadeghy. "A Novel Computerized Concentric-Cylinder Viscometer." TICME-2005, Tehran.
- 10) , , and Kayvan Sadeghy. "An exact solution for 2D laminar boundary layer around circular cylinder for a power-law non-Newtonian fluid." AERC-2006, Crete.
- 11) , and Kayvan Sadeghy. "Cavity flows of non-Newtonian fluids using characteristic-based split-A finite element method." AERC-2006, Crete.
- 12) , and Kayvan Sadeghy. "Lid driven cavity flows of Cross fluids using characteristic-based finite element method." International Conference on Fluid and Thermal Energy Conversion, Jakarta.
- 13) , , and Kayvan Sadeghy. "Boundary layer flows of shear-thinning fluids around circular cylinders." International Conference on Fluid and Thermal Energy Conversion, Jakarta.
- 14) , , , and Kayvan Sadeghy. "Optimizing the COP of an air cycle cooling system using an intermediate recuperator." International Conference on Fluid and Thermal Energy Conversion, Jakarta.
- 15) , , and Kayvan Sadeghy. "Heat transfer from impingement of a laminar jet to a flat surface with a constant temperature." ICMSAO-2007, Abu Dhabi.
- 16) Kayvan Sadeghy, , and . "Simulating flow of polymer melts in extrusion through converging dies." ICMSAO-2007, Abu Dhabi.
- 17) , and Kayvan Sadeghy. "Lid-driven cavity flow simulation of generalized newtonian fluids using PIM mesh-free methods." CFD-2007, Toronto.
- 18) , , and Kayvan Sadeghy. "The effect of magnetic fields on the hydrodynamic instability of viscoelastic fluids in plane Poiseuille Flow." CFD-2007, Toronto.
- 19) , , and Kayvan Sadeghy. "Stability of turbulent flow velocity profiles for a second-order viscoelastic fluid in plane poiseuille flow." CFD-2007, Toronto.
- 20) Kayvan Sadeghy, , , , and . "Diffusion of a chemically-reactive species from a porous non-isothermal linearly-stretched sheet immersed in a Maxwellian." IEEEES-3, Evora.
- 21) Kayvan Sadeghy, , , and . "Flow and heat transfer above an exponentially-stretched sheet immersed in a Maxwellian viscoelastic fluid." IEEEES-3, Evora.
- 22) Kayvan Sadeghy, and . "Heat removal from a flat surface using laminar impinging jets: the case of constant heat flux." IEEEES-3, Evora.
- 23) Kayvan Sadeghy, , , , , and . "MHD flow and heat transfer for Maxwellian fluids above a porous non-isothermal stretching sheet." IEEEES-3, Evora.
- 24) Alireza Kalantari, Alireza Riasi, and Kayvan Sadeghy. "Effects of Magnetic Field and Slip Condition on Peristaltic Flow of Non-Newtonian Fluid in Curved Channels." ISME2013, Tehran.
- 25) Navid Pirzai-khabazi, and Kayvan Sadeghy. "Peristaltic Transport of Physiological Fluids: a Numerical Study." ISTP-26, Vienna .
- 26) Navid Pirzai-khabazi, Davod Sedighi, and Kayvan Sadeghy. "Simulating peristaltic flow of particle-laden Bingham fluid." ICR-2016, Tokyo.

27) Shahriar Habibi, Meghdad Saffaripour, and Kayvan Sadeghy. "Viscoplastic Fluid Flows Through an Abrupt Contraction." The 11th International Chemical Engineering Congress & Exhibition (IChEC 2020), Fuman.

28) Alireza Abdollahi, and Kayvan Sadeghy. "Dynamics of free gas bubbles immersed in an unbounded viscoplastic fluid subject to an acoustic field." Dynamics of free gas bubbles immersed in an unbounded viscoplastic fluid subject to an acoustic field, Tehran.

#### همایش‌های داخلی

1) Pardis Sadeghi, Kayvan Sadeghy, and Navid Pirzai-khabazi. "Peristaltic Transport of Thixotropic Biofluids: a Numerical Simulation." 3rd National Annual Meeting on Rheology 3-4 July 2018, Polymer & Color Engineering Department, AUT, Tehran, Iran, Tehran.

2) Kayvan Sadeghy, Hanieh Asadi, and Zahra Poursharifi. "Effect of Square-Shaped Pillars on Mixing Enhancement of Microfluidic Channels Containing Viscoplastic Biofluids." 3rd National Annual Meeting on Rheology 3-4 July 2018, Polymer & Color Engineering Department, AUT, Tehran, Iran, Tehran.

3) Fateme Malmir, Moeen Nabavi, and Kayvan Sadeghy. "Magnetohydrodynamic Flow of Viscoplastic Fluids: a Numerical Simulation." 3rd National Annual Meeting on Rheology 3-4 July 2018, Polymer & Color Engineering Department, AUT, Tehran, Iran, Tehran.

4) کیوان صادقی و غلام زاده. "کاهش ضریب پسای اجسام UUV با استفاده از روکشهای پلیمری." Ninth Fluid Dynamics Conference. Shiraz.

5) کیوان صادقی و صفاری پور. "بهبود مصرف انرژی سیکل هوایی معکوس برآینون جهت استفاده در سیستمهای تهویه مطبوع منازل و ساختمانها." چهارمین همایش بهینه سازی مصرف سوخت در ساختمان، تهران.

6) کیوان صادقی. "کاهش ضریب پسای اجرام متحرک در زیر آب با استفاده از روش تزریق محلولهای پلیمری." دهمین کنفرانس دینامیک شماره ها، یزد.

7) محمد پورجعفرچلیکدانی، کیوان صادقی و نوشاد شیرازی زاده. "شبیه سازی عددی جریان پوآزی سیالات تیکسوتروپ در کانالی دوبعدی مجهز به یک لایه متخلخل از نوع الاستیک." هفدهمین کنفرانس دینامیک شماره ها 1396.

8) زهرا پورشریفی و کیوان صادقی. "مطالعه عددی پخش ذرات لاگرانژی در میکسرهای پرستالتیک با استفاد از روش لتیس-ب ل'تسمه." هفدهمین کنفرانس دینامیک شماره ها، تهران.

9) زهرا پورشریفی و کیوان صادقی. "مطالعه عددی پخش ذرات لاگرانژی در میکسر پرستالتیک با استفاد از روش لتیس-بولتزمن." هفدهمین کنفرانس دینامیک شماره ها 1396.

10) کیوان صادقی و حامد نجفی. "بررسی عددی اثر رفتار ویسکوپلاستیک سیال عامل بر عملکرد یک " میکروپمپ لژج." سومین همایش ملی نقش رئولوژی در فناوری-های مرتبط 12 و 13 تیرماه 1397 تهران، دانشگاه صنعتی امیرکبیر، دانشکده مهندسی پلیمر و رنگ، تهران.

11) کیوان صادقی. "بیش بینی ضرایب هیدرودینامیکی یک هیدرودقویل در جریان کادیتاسیون." CFD-ZK.

12) کیوان صادقی. "بررسی عددی جریان فیلم مایع در فرآیند پوشش آزاد برای سیالات غیرنیوتنی." CFD 99.

13) کیوان صادقی. "تعیین مقاومت کششی سیالات غیرنیوتنی با استفاده از جریان در کانالهای همگرا." چهارمین کنگره ملی مهندس شیمی.

14) کیوان صادقی. "اثر پدیده افزایش بر ضخامت فیلم سیالات غیر نیوتنی." هفتاد و دومین اجلاس سالانه انجمن SOR.

15) کیوان صادقی. "اثر پدیده لغزش بر ضخامت فیلم سیالات غیرنیوتنی." ششمین کنفرانس دینامیک شماره ها.

16) کیوان صادقی. "پدیده لغزش در مورد محلولهای پلیمری HEUR." شصت و هشتمین اجلاس سالانه انجمن SOR.

17) کیوان صادقی. "بررسی خواص رئولوژیک محلولهای پلیمر HEUF." دوازدهمین کنگره بین المللی رئولوژی.

18) کیوان صادقی. "رفتار رئولوژیک گل حفاری." سیزدهمین کنگره بین المللی رئولوژی.

19) کیوان صادقی. "محاسبه ضرایب لیقت و درگ هیدروفویلها در جریان سوپر کادر متاسیون." دوازدهمین کنفرانس بین المللی.

#### راهنمایی پایان نامه

1) اثر جریان ضربانی بر پدیده فروپاشی لوله‌های قابل انعطاف از نوع جدار نازک حاوی سیال غیرنیوتنی، امیرسامان اقتصاد، دانشگاه تهران، 1395/06/16