

I. PERSONAL INFORMATION:

Name: Mahmoud Saffarzadeh

Date of Birth: 31/08/1963, Shahr Babak

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E-mail	Saffar_m@modares.ac.ir , saffarzadeh.ma@gmail.com
Academic Page	https://www.modares.ac.ir/pro/academic_staff/saffar_m
LinkedIn	https://www.linkedin.com/in/mahmoud-saffarzadeh-a679ba270/
Google Scholar	https://scholar.google.com/citations?hl=en&user=VCoRXOoAAAAJ
Research Gate	https://www.researchgate.net/profile/M-Saffarzadeh
Scopus	https://www.scopus.com/authid/detail.uri?authorId=55918435200
Research ID	AAE-7309-2022

II. EDUCATIONAL RECORDS:

B.Sc Civil Engineering, Bahonar University, Kerman, 1987

M.Sc Transportation and Planning Engineering, Carleton University, Ottawa, 1991

Ph.D. Transportation and Planning Engineering, Carleton University, Ottawa, 1995

III. ACADEMIC EXPERIENCES:

- Professor, Tarbiat Modarres University, Tehran, Iran, (2008)
- Associate Professor, Tarbiat Modarres University, Tehran, Iran, (2001-2008)
- Assistant Professor, Tarbiat Modarres University, Tehran. Iran. (1995-2001)
- Teaching Assistant, Carleton University, Ottawa, Canada, (1989-1995)
- Teaching Assistant, Bahonar University, Kerman, Iran, (1985-1987)

V. RESEARCH INTERESTS:

- 1) Planning & Design of Airports
- 2) Transportation Terminals
- 3) Traffic Engineering
- 4) Transportation Safety
- 5) Advanced Highway Design
- 6) Intelligent Transportation System

IV. BOOKS:

1. Hesam Latifi, Abbas Nargesian, Mojtaba Amiri, Mahmoud Saffarzadeh, "Road Transport Safety Policy", Plan and Budget Organization of Iran Publication, First Edition, 2025.
2. Mahmoud Saffarzadeh, Morteza Asadamraji, "Cost of Urban Accidents", Tehran City Studies and Planning Center Publications, First Edition, 2025.
3. Mahmoud Saffarzadeh, Mohammad Koochi, "Road Safety Management", Tarahan Parseh Transportation Research Institute Publications, First Edition, 2024.
4. Mahmoud Saffarzadeh, Soroush Memar Montazerin, "Resilient Cities: Overcoming Dependence on Fossil Fuels", Tarahan Parseh Transportation Research Institute Publications, First Edition, 2019.
5. Mahmoud Saffarzadeh, Babak Mirbahaa, Ali Abdi Kordani, Behzad Bamdad Mehrbani, "Road Capacity Guide (Uninterrupted Flow)", Tarahan Parseh Transportation Research Institute Publications, First Edition, 2018.
6. Mahmoud Saffarzadeh, Babak Mirbaha, "Guide for the Development of Bicycle Facilities", Tarahan Parseh Transportation Research Institute Publication and Seri Orman Publication, Iran, 2017.
7. Mahmoud Saffarzadeh, Mohammad Shakeri, "Highway and Street Geometric Design", Tarahan Parseh Transportation Research Institute Publication and Seri Orman Publication, Iran, Spring 2017.
8. Airport Planning and Design (Volume I: Planning, Volume II: Design), Mahmoud Saffarzadeh, Gholamreza Maasoumi, Navid Nadimi, Winter 2015
9. Mahmoud Saffarzadeh., "Traffic and Transportation Engineering", Volumes I & II, Third Edition, Tarbiat Modares University Press, 2015.
10. Mahmoud Saffarzadeh, Ramtin Bagheri, "How to make two lane roads Safer, Law Enforcement publication, winter 2012.
11. Mahmoud Saffarzadeh, 'Geometric Design of Highways and Streets', Vol. 1, Transportation Research Institute, Iran, June 2009.
12. Mahmoud Saffarzadeh, 'Geometric Design of Highways and Streets', Volume 2 and 3, Transportation Research Institute, Iran, August 2009.
13. Mahmoud Saffarzadeh, "Marine Transportation", Ports & Shipping Agency, 2006.
14. Mahmoud Saffarzadeh, Farzad Rahimi, "Noise Pollutions of Transportation System", Environment Protection Agency Nov., 2003.
15. Mahmoud Saffarzadeh, "Airport Master Planning Manual", Research and Education Center, Ministry of Road and Transportation, Tehran, Iran 1997.

V. RESEARCH PROJECTS:

1. Production of the Scientific Quarterly Journal "Traffic Engineering", Tehran Urban Transportation Organization, 2025–Present.
2. Scientific and Research Services for the Organization of the 6th and 7th International Conference on Traffic Management and Safety, Traffic Police (FARAJA), 2025.
3. Preparation of the Guidelines for Urban Road Management and Safety Improvement, Municipalities and Rural Administrations Organization of Iran, 2024.
4. Comprehensive Transportation and Traffic Studies of Semnan City, Project Executor, 2023.
5. Comprehensive Transportation and Traffic Studies of Tabriz City, Project Executor, 2023.
6. Comprehensive Transportation and Traffic Studies of Kerman City, Project Executor, 2022.
7. Codification of technical specifications for the construction and installation of mast structures (gabarit, cross and cantilever), 2022.
8. Codification of the price list of mast structures (gabarit, cruciform and cantilever) direction signs, 2022.
9. Codification of technical specifications for the installation and maintenance of direction signs, 2022.
10. Codification of traffic calming guidelines for urban roads, 2022.
11. Codification of rules for maintenance contracts for signs (vertical and horizontal) and traffic equipment, 2022.
12. Codification of the price list of maintenance contracts for signs (vertical and horizontal) and traffic equipment, 2022.
13. Updating the technical specifications of construction, installation and maintenance of traffic signs and equipment (document number 6-8-310), 2021.
14. Instructions for preparation, installation and maintenance of traffic lights in Tehran, 2021.
15. Instructions for safety, traffic control and services, cleaning and washing, maintenance and repair of urban tunnels equipment and facilities, 2021.

16. Instructions for preparation, installation and commissioning, operation and maintenance of video surveillance systems and violation registration systems, traffic counters and RFID equipment, 2021.
17. Guidelines for preparation, installation, maintenance and repair of fiber optic network infrastructure and wireless systems in Tehran, 2021.
18. Instructions for the preparation, installation, maintenance and repair of Variable message signs (VMS) and city screens in Tehran, 2021.
19. Instructions for construction operations of smart transportation systems in Tehran, 2021.
20. Providing and development of a set of dangerous material transportation safety sheet, Ministry of Road and Transportation Research Institute, 2013.
21. The comprehensive studies on transportation and providing the strategic management of Tehran highways, The Total Road and Urban Development Company, 2012.
22. Research conducted on probability of application of smart cards in Tehran, Traffic Control Company, 2012.
23. Providing the requirement and alternatives related to navigation implementation based Iran performance criteria, Transportation research Institute, 2011.
24. Tehran Multi-airport network studies, Imam Khomeini International Airport, 2011.
25. The revision of Airport Airside Design Manual, No. 233, Planning and Management Organization, 2010.
26. Evaluation of probability intelligence system application in disaster management cycle, Transportation Research Institute, 2010.
27. Development of a Model to Forecast the Fleet Size and its Category for the 20 Year Horizon, Civil Aviation Organization, Tehran, Iran, 2009.
28. Providing the location, design and implementation of highway light systems, Transportation Research Institute, 2009.
29. Mashhad Transportation and Traffic Comprehensive Plan, Mashhad Municipality, 2009.
30. Providing the traffic calming standard, Tehran Municipality, 2009.
31. Providing the urban hierarchy performance standard, Tehran Municipality, 2009.
32. Airport Landside Design Manual, No. 197, Planning and Management Organization, 2000.
33. Effective Parameters of Developing Air Transport Market in Iran, Transportation Research Institute, Iran, 2008.
34. An Optimum Budget Allocation Model for Repair and Maintenance of Roads, Ministry of Roads and Transportation, Iran, 2008.
35. An Optimum Site Selection Model for Road Lighting, Transportation Research Institute, 2008.
36. Determination of New Technology for Repair and Maintenance of Roads, Ministry of Roads and Transportation, Iran, 2008.

37. Providing the rehabilitation and maintenance budget allocation model on highway preservation activities, Study and Research Office of Ministry of Road and Transportation, 2008.
38. Road Safety Manual, Seven Volume, Publication No. 231, Planning and Management Organization, 2006.
39. Design Manual of Ports and Offshore Structures, Eleven Volumes, No. 240, Planning and Management Organization, 2005.
40. Providing the transportation safety strategy of Iran, 2005.
41. Design Manual of Asphalt Concrete Pavement, No. 234, Planning and Management Organization, 2002.
42. Airport Airside Design Manual, No. 233, Planning and Management Organization, 2001.
43. Abstract Proceeding of 8th International Conference of Transportation, Belgium, Research and Education Road and Urban Development Publication Center.
44. Consideration of problems and deficiencies in freight transportation, Road and Transportation Research and Training Center.

VI. Memberships and Affiliations:

1. Member of Supreme Council Committee of Transportation and Civil, Ministry of Science and research and technology.
2. Member of International Conference of Science, Engineering and Environmental Technologies (CESET).
3. Member of the Iranian Association of Transportation and Traffic Engineering, 1995.
4. Member of the Railroad Research Council, 1999.
5. Member of the Scientific Committee of the Regional Conference on Transportation and Traffic Engineering, 2004.
6. Member of the National Geographic Information Working Group of the High Council of Information Dissemination, 2004.
7. Member of the Board of Technical Committee for Interurban Roads of Permanent International Association of Road Congress 2002.
8. Member of the Housing and Urban Development Committee of the Industrial Commission of National Scientific Research Council, 1997.
9. Member of the High Council on Aviation Studies, 1998.
10. Member of The Board of Directors Specialized Traffic Group, Professional Engineering Organization, 1997.
11. Member of the Railroad Development Consulting Company (Metra), 2002.
12. Member of International Road Federation (IRF), 2004.
13. Member of the Editorial Board of The Roads Journal (Jaddeh), 1999.
14. Member of the Board of Directors, Transportation and Traffic Organization, 2005.
15. Member of the Technical High Council of Transportation Infrastructures, 2006.
16. Member and Board of Directors, Iranian Society of Railroad Engineering, 2006.
17. Member and Board of Directors, Iranian Society of Transportation Engineering, 2006.
18. Member of the Board of Directors of the Middle East Marine Engineering Services (Tidewater), 1998.

19. Member of the International Society on Energy Economics (IAEE), 2003.
20. Member of the World Conference Transportation Research Society (WCTRS), 2004.
21. Member of the Aviation Transportation Research Society (ATRS), 2005.
22. Member of the Society of Value Engineering (SAVE), 1999.
23. Member of the Iranian Society of Civil Engineering, 1996.
24. Member of Reviewers Committee of International Civil Engineering Congress,

VII. Work Experiences:

1. Secretary of the Specialized Commission for Transportation, Civil Engineering, and Urban Development of the Supreme Council of Science, Research, and Technology.
2. Secretary of the Supreme Council for Education, Research, and Technology, Ministry of Roads and Urban Development.
3. The manager of Traffic and Transportation Organization of Tehran Municipality.
4. Deputy of Research and Technology of Road, Housing and Urban Development Research Center.
5. Vice President and Secretary-General of the Union of Non-Governmental Research Institutes in Science.
6. Dean of Faculty of Civil and Environmental Engineering, Tarbiat Modares University.
7. Editor-in Chief, International Journal of Transportation Engineering (IJTE).
8. Research Deputy of Faculty of Engineering, Tarbiat Modares University.
9. Director of Road and Transportation Department, Tarbiat Modares University.
10. Editor In Chief, RAHVAR, Journal.
11. Editor In Chief, Journal of Traffic Management Studies.
12. Member of the Editorial Board of the Civil Engineering Journal, Tarbiat Modares University.
13. Head of development and supplementation of Transportation Infrastructures Expert Group , International Transit Festival
14. Editor In Chief, Journal of Transportation Engineering (JTE).
15. Head of Traffic and Transportation Committee for the International Logistic and Supply Chain Conference.
16. Member of Traffic research council for the Municipality of Tehran.
17. Vice President of Iranian Traffic Expert Society.
18. Head of Scientific Committee, the transportation and Traffic Conferences.
19. Head of the Roads and Transportation Research and Education Center.
20. Secretary, High Technical Council on Transportation Infrastructures.
21. Research Deputy of Transportation Research Institute.
22. The member of Aviation High Committee
23. Iran Aviation Organization consultant.
24. Secretary of the National Council for Reviewing, Evaluating and Approval of Comprehensive Transportation Studies.
25. Member of the Board of Directors, Meteorological Research Institute.
26. Secretary, Council on Transportation Policies.
27. President, Headquarters on Transportation Comprehensive Studies.

28. Member of the Permanent Commission of the Board of Directors of Transportation Research Institute.
29. The member of High Council of Iran Aviation Organization Studies.
30. The supervisor of Ministry of Road and Transportation research and Training Center.
31. Editor in chief of Advances in Traffic Engineering Journal.

VIII. Achievements:

1. Appreciation Letter for Cooperation and Consultation with the Scientific Association, Tarbiat Modares University, 2025.
2. Appreciation Letter from the Mayor and Shiraz University for presenting a paper at the Urban Maintenance Conference, 2025.
3. Exemplary Faculty Advisor for student affairs and researchers, 2025.
4. Top University Researcher in Applied Research, 2024.
5. Outstanding Educational Faculty Member of the University, 2023.
6. Outstanding Research Faculty Member for Social Impact, 2023.
7. Top Department Head in International Activities, 2021.
8. Receiving Appreciation Letter from as a pioneer in traffic and transportation science from Tehran Construction Engineering Organization.
9. Receiving Appreciation Letter from the members of 14th conference on Housing Development policies in Iran, 2014.
10. Receiving Appreciation Letter as the Exemplary researcher in the field of transportation engineering from 16th International Conference of railway transportation.
11. Appreciation Letter for Publishing the Best Book in Traffic Engineering, at the International Festival of City Management, Tehran, 2012.
12. First Top Student in the High School Diploma (Mathematics & Physics), at Kerman Province (grade 19.11)
13. First Top Graduate at Civil Engineering, B.Sc. Course in Kerman University, 1987.
14. Top Graduate at the MSc. Course in Carleton University and Gaining the Grant for Ph.D. in Canada, 1990.
15. Top Graduate and Student in Ph.D. Course and Granted for Tuition Fee Waiver, 1990.
16. Distinguished Researcher at Tarbiat Modares University, Tehran, Iran 2002-2005.
17. Exemplary University Researcher at the Academic years of 2006 and 2007.
18. Distinguished Lecturer at Tarbiat Modares University, Tehran, Iran, 2001.
19. First Top Researcher in the Field of Road and Transportation in year 2000.
20. Appreciation Letter of Participation in the Supporting Role of Governments of Railroad Transportation
21. Top Employee of the Ministry of Roads and Transportation, at Rajaiee Scientific Festival, 2002.

22. Presentation of the Top Paper at the Second Technology Management Conference, 2005.
23. Appreciation Letter from Ministry of Roads and Transportation for holding the 6th Conference on Rail Transportation Management and Policy Studies, 2000.
24. Receiving Appreciation Letter from the Head of Planning and Budget Organization for the First Conference on Marine Industry, 1998.
25. Receiving Appreciation Letter from the Secretary of the International Council on Energy Economics for Participation in National Energy Conference, 2000-2002.
26. Presentation of the Top Paper at the Fourth, Fifth and Sixth International Conference on Transportation and Traffic Engineering Conference, 2001-2002.
27. Presentation of the Top Paper at the Fourth and Sixth Railroad Engineering Conference, 2001-2002.
28. Receiving Appreciation Letter at the National Civil Engineering Students Festival, 2001- 2003.
29. Receiving Appreciation Letter for Publishing the Best Book in the Field of Roads and Transportation (at the Research Week Festival), 2004.
30. Presentation of the Top Paper at the Fourth Conference on Quality Management, 2003.
31. Receiving Appreciation Letter from Isfahan Municipality for Presentation a Paper at the Citizenship Cultural Development Alternatives Conference, 2004.
32. Receiving Appreciation Letter at the 10th National Civil Engineering Students Conference, as the Member of the Referees of the Conference, 2005.

IX. Journal PAPERS:

- ✓ Taherian, A., Sherafatipour, S., Ghayami, A. H., & Saffarzadeh, M. (2025). Analysis and estimation of urban traffic crash severity using intelligent algorithms. *Road Quarterly*, 33(125). (9-A-145).
- ✓ Ebrahimzadeh, M. A., Saffarzadeh, M., & Norouzi, A. (2025). Evaluation and forecasting of the impacts of risk management in supply chain and logistics with a long-term approach. *Transportation Research Journal*, 22(1). (9-A-144).
- ✓ Ghahremanlou, A., Saffarzadeh, M., Naderan, A., & Javanshir, H. (2024). Enhancing urban sustainability through air pollution analysis and accessibility estimation: A case study of Tehran metropolis. *Journal of Novel Researches in Smart City*, 3(1). (9-A-142).
- ✓ Saffarzadeh, M., Mirzahosseini, H., Faridzad, M., & Amiri, E. (2024). The impact of congestion pricing tolls on customers' shopping behavior (Case study: Tehran Traffic Restricted Zone). *Quarterly Journal of Transportation Engineering*, 16(2). (9-A-141).
- ✓ Pourshams, M., Javadian, R., Saffarzadeh, M., & Momeni, E. (2024). Presenting traffic police strategies for preventing crashes caused by human factors. *Traffic Management Studies Quarterly*, 19(2). (9-A-140).
- ✓ Kiamahr, P., & Saffarzadeh, M. (2024). Evaluation of effective parameters for improving the economic performance of Zanzan Airport using the TOPSIS method. *Transportation Research Journal*, 21(2). (9-A-139).
- ✓ Shafaati, M., & Saffarzadeh, M. (2024). Does Crowding Have a More Complicated Effect on Public Transport Users with Respect to Perceived Travel Time? *Transportation Research Record*, 2678(9), 389-422. <https://doi.org/10.1177/03611981241230297> (9-A-136).
- ✓ Hazeghi, M., Saffarzadeh, M., & Mirbaha, B. (2024). Designing and Developing a Model for Detecting Unusual Condition in Urban Street Network. *International Journal of Intelligent Transportation Systems Research* 2024, 1–18. <https://doi.org/10.1007/S13177-024-00432-1> (9-A-135).
- ✓ Zana Majidi, M., Rasaizadi, A., Majidi, K., & Saffarzadeh, M. (2024). The effect of freeway toll pricing on travel mode changes, route changes, and departure time changes. *Case Studies on Transport Policy*, 17, 101248. <https://doi.org/10.1016/J.CSTP.2024.101248> (9-A-134).
- ✓ Sedigh Bavar, M., Naderan, A. & Saffarzadeh, M. Analysis of Road Crash Frequency with Spatial Models (Case Study: Shiraz Metropolis). *Iran J Sci Technol Trans Civ Eng* 48, 2759–2772 (2024). <https://doi.org/10.1007/s40996-023-01314-4> (9-A-133).
- ✓ Shafaati, M., Saffarzadeh, M. (2024). 'A New Approach to Estimating Destinations in Open Automated Fare Collection Systems based on errors-against-errors strategy', *Scientia Iranica*, doi: 10.24200/sci.2024.61695.7445 (9-A-132).
- ✓ Vaziri, I. ., Ahmadi, F., Talebi Rizi , Z. ., & Saffarzadeh , M. . (2024). The Impact of Interactions between Resources, Technology, and Technical Aspects of Autonomous Vehicles on Urban Smart Spaces. *International Journal of Innovation*

- Management and Organizational Behavior (IJIMOB), 4(2), 142-154. <https://doi.org/10.61838/kman.ijimob.4.2.17> (9-A-131).
- ✓ Saffarzadeh, M., & Ranjbari, A. (2023). Crash Prediction Modeling for Horizontal Curves on Two-Lane, Two-Way Rural Highways Based on Consistency and Self-Explaining Characteristics Using Zero-Truncated Data. *KSCE Journal of Civil Engineering*, 27(1), 1-12. <https://doi.org/10.1007/s12205-023-0501-6> (9-A-130).
 - ✓ Bavar, M. S., Naderan, A., & Saffarzadeh, M. (2023). Evaluating the spatial effects of environmental influencing factors on the frequency of urban crashes using the spatial Bayes method based on Euclidean distance and contiguity. *Transportation Engineering*, 12, 100181. <https://doi.org/10.1016/j.treng.2023.100181> (9-A-129).
 - ✓ Sheikholeslami, S., Saffarzadeh, M., Mamdoohi, A. R., & Asadamraji, M. (2023). How does a driver feel behind the wheel? An exploratory study of drivers' emotions and the effect of their sociodemographic background. *Accident Analysis & Prevention*, 183, 106974. <https://doi.org/10.1016/J.AAP.2023.106974> (9-A-128).
 - ✓ Karbasi, A. H., Mehrabani, B. B., Cools, M., Sgambi, L., & Saffarzadeh, M. (2023). Comparison of Speed-Density Models in the Age of Connected and Automated Vehicles. *Transportation Research Record*, 2677(3), 849-865. <https://doi.org/10.1177/03611981221118531> (9-A-127).
 - ✓ Mamdoohi, Amir Reza and Saffarzadeh, Mahmood and Taherpour, Abolfazl and Yazdanpanah, Mahdi, Impact of Metro on Modal Shares of Ground Access to IKIA and MIA (February 21, 2012). Available at SSRN: <https://ssrn.com/abstract=4385394> or <http://dx.doi.org/10.2139/ssrn.4385394> (9-A-126).
 - ✓ Akram Mazaheri, Mahmoud Saffarzadeh, Seyyed Saber Nasser Alavi. Presenting the substitute safety index of accidents based on the concept of vehicle impact area, *Transportation Engineering Quarterly*, 2023. (9-A-125).
 - ✓ Morteza Asdamarji, Mahmoud Saffarzadeh. Model for estimating the frictional cost of accidents in urban roads, *Quarterly Journal of Transportation Engineering*, 2023. (9-A-124).
 - ✓ Armin Khalaj Amiri; Hamid Mirzahosseini; Mahmoud Saffarzadeh. "Optimum capacity of metro station with the aim of minimizing respiratory infectious diseases (case study: Imam Khomeini metro station in Tehran)". *Quarterly Journal of Transportation Engineering*, 2023, doi: 10.22119/jte.2022.368853.2629. (9-a-123)
 - ✓ Akram Mazaheri; Mahmoud Saffarzadeh; Seyed Saber Naseralavi. "Development of Surrogate Safety Measure Based on the Concept of Vehicle Influence Area". *Quarterly Journal of Transportation Engineering*, 14, 2, 2022, 2355-2364. doi: 10.22119/jte.2022.188434.2390. (9-a-122)
 - ✓ Babak Mirbaha; Mahmoud saffarzadeh; mohammad poorteimoori. "A methodology to identify unreliable links in a road network after earthquake (Case study: Tehran City Network)". *Quarterly Journal of Transportation Engineering*, 13, 3, 2022, 1654-1637. doi: 10.22119/jte.2021.235998.2469. (9-a-121)
 - ✓ Kamran Rahimof, Mahmoud Saffarzadeh, Mohsen Arjmandi. "Developing of Estimating Multilane Roundabouts Control Delay Models (Case Study: Kermanshah Roundabouts)". *Quarterly Journal of Transportation Engineering*, 12, 2, 2020, 441-455. doi: 10.22119/jte.2020.105032. (9-a-120)

- ✓ Nemat Soltani, Mahmoud Saffarzadeh, Ali Naderan, Milad Abolhasani. "Evaluation of TAZ safety using EB method and macro models". Quarterly Journal of Transportation Engineering, 13, 1, 2021, 1091-1102. doi: 10.22119/jte.2019.92671. (9-a-119)
- ✓ Ebrahim Amiri; Mehdi Faridzad; Mahmoud Saffarzadeh. "Determining the influence of Speed Cameras in Reducing Speed Violations using Bayesian and Comparison Group Methods (A Case Study in Ghazvin-Rasht and Bam-Kerman Roads)". Quarterly Journal of Transportation Engineering, 11, 3, 2020, 683-696. doi: 10.22119/jte.2020.81089. (9-a-118)
- ✓ Mahmood Saffarzadeh, Shideh Ehteshamrad, Amirreza Mamdoohi "An aggregate model for transit usage in commuting trips", Articles in Press, Accepted Manuscript, Available Online from 04 July 2017. (9-a-117)
- ✓ Ali Abdi, Arsalan Salehikalam, Mahmoud Safazadeh, A.R Aminrad "Identifying Traffic Hysteresis Based on Driver Asymmetric Behavior Model: Before and After Traffic Oscillation, Volume 14, Issue 1, Winter 2017, Page 47-67. (9-a-116)
- ✓ Mahmoud Saffarzadeh, Seyed Ehsan Seyedabrishami, Sajad Hasanpour "Route evaluation for hazardous material based on risk analysis-Case study of Tehran-Mazandaran roads", Volume 8, Issue 3 - Issue Serial Number 31, Spring 2017, Page 405-421. (9-a-115)
- ✓ Mohammadsina Semnarshad, Amir Kavussi, Mahmoud Saffarzadeh "Providing the Maintenance and Rehabilitation Model of Primary Road Network Using Life Cycle Cost Analysis - Case Study South Khorasan Province", Journal of Transportation Engineering, Article in Press, 2017. (9-a-114)
- ✓ Saied Hesami, Mahmoud Saffarzadeh, Mohammad Etghai, "Evaluation o the effects of English wirds size on the visibility of guide signs" Ragvar Journal, Vol. 5, No. 31, Winter 2016. (9-a-113)
- ✓ Majid Zabihi, Mahmoud Saffarzadeh, Syedehsan Seyedabrishami, "Identification if the effective factors on passengers' international air flight mode", Journal of Transportation Research, Acceptor, 2016. (9-a-112)
- ✓ Majid Zabihi, A. Mazaheri, S. Seyedabrishami, M. Saffarzadeh "Analysis of Iranian Air Passengers' Behavior Choosing Airlines in International Flights (Case study: Southeast Asia Flights)", Journal of Transportation Engineering, Volume 7, Issue 4, Summer 2016, Page 615-627. (9-a-111)
- ✓ Alireza Mahpour, Amirreza Mamdouhi, Mahmoud Saffarzadeh, Taha Hoseinrasidi, "Providing the Integrated Model of destination choose of cloth shopping trips using Structural Equation Modeling", Modraes Civil Engineering Journal, 2016, Accepted. (9-a-110)
- ✓ Alireza Mahpour, Amirreza Mamdouhi, Mahmoud Saffarzadeh, Taha Hoseinrasidi, "The Analytical Analysis on simoltaneous role of Parking Lots and Food courts in Travel Generation to Trade Centers", Sahrif Journal, 2016, Accepted. (9-a-109)
- ✓ Alireza Mahpour, Amirreza Mamdouhi, Mahmoud Saffarzadeh, Taha Hoseinrasidi, "Identification of effective personal factors on client attraction to trade centers, Tehran Case study", Journal of Business Management, 2016, accepted. (9-a-108)
- ✓ Alireza Mahpour, Amirreza Mamdouhi, Mahmoud Saffarzadeh, Taha Hoseinrasidi, "Determination of effective factors on Tehran Bazar shopping destination using

- Structural Equation Modeling”, Human Geography Research Quarterly, 2016, accepted. (9-a-107)
- ✓ Mahmoud Saffarzadeh, Seyed Sajad Mazloun “Development of an integrated fleet allocation model and scheduling of Bus Rapid transit network”, Modares Civil Engineering Journal, Vol. 15, No. 2, pp. 97-105, 2015. (9-a-106)
 - ✓ Ali Khaksari, Elnaz Naseri, Mahmoud Saffarzadeh, “Evaluation and implementation of Complete street in Iran to obtain local base sustainable development (Case study: Iran Zamin Street, Tehran)”, Journal of Transportation Engineering (9-a-105)
 - ✓ Hooman Alenouri, Sayed Mehdi Meshkani, Mahmoud Saffarzadeh, Saied Sherafatipour, “Locating Even-and-Odd zone entrance cameras by maximum infraction coverage approach”, Journal of Transportation Engineering, (9-a-104)
 - ✓ Mahmoud Saffarzadeh, Ali Abdi, “Hysteresis phenomenon Analysis in Stop-and-Go traffic flow based on behavioral evaluation of a driver after the disturbance’, transportation research Journal, Code:93-1658 (9-a-103)
 - ✓ Mahmoud Saffarzadeh, Ali Abdi, “Measuring and identification of Hysteresis phenomenon based on Kinematic wave and driver behavior”, Traffic Engineering Journal, Code:1393-781 (9-a-102)
 - ✓ Mahmoud Saffarzadeh, Seyed Ehsan Seyedabrishami, Sajad Hasanpour, “Route Evaluation for Hazardous Material Based on Risk Analysis: Case Study of Tehran-Mazandaran Roads”, Journal of Transportation Engineering, Volume 7, Issue 1, Spring 2015, Page 73-86.
 - ✓ Mojtaba Kazemi, Mahmud Saffarzadeh, Hadi Movaghari, Mohsen Fallah zavare, “A Method for Estimating Costs of Road Traffic Crashes in Iran, Journal of Transportation Engineering, Volume 6, Issue 4, Summer 2015, Page 627-640.
 - ✓ Amin mirza Boroujerdian, Mahmoud Saffarzade, Ali Ghasemzadeh Khoshgroudi, “Using Spatial Autoregressive Lag Model to Predict Crash Rates in Roads Segments (Maximum Likelihood Estimation)”, Volume 6, Issue 3, Summer 2015, Page 383-396.
 - ✓ Mahmoud Saffarzadeh, et. Al., “Considering the Effect of Road Pricing on Modal Choice by Preferences and Choice Method” The Modares Journal of Civil Engineering, To be published, Volume 14, Issue 4, Winter 2015, Page 137-148 . (9-a-95)
 - ✓ Aminmirza Boroujerdian, Mahmoud Saffarzadeh, Asghar Mousavi, “ Safety Evaluation of converting Two Lane Roads to Four Lane Roads” Rahvar Scientific Research Journal, No. Fall 2014 (9-a-101)
 - ✓ Seyed Ramtin Bagheri, Mahmoud Saffarzade, “Estimation of proposing a new model to reduce probability of bird accident with airplane”, Jadeh Journal, (9-a-100)
 - ✓ Mohammad Tamanai, Mahmoud Saffarzadeh, Amin Jamili, Seyed Ehsan Seyedabrishami, “Rail Departure Timing Using Branch and Bound Algorithm and beam search” Journal of Transportation Engineering, Code: 92-1238, (9-a-99)
 - ✓ Aminreza Mamdouhi, Mahmoud Saffarzadeh, Siavash Shojaat, “A Stochastic Approach to Freeway Capacity Estimation: Tehran-Karaj Freeway Case Study” The Modares Journal of Civil Engineering, Volume 4, No. 2, Summer 2014, (9-a-98)

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- ✓ Amirhossein Nouri and Mahmoud Saffarzadeh (2025). Dynamic Curb Parking Pricing Using Game Theory. 7th International Conference on Traffic Management and Safety, Tehran. (10-a-200)
- ✓ Armin Jafarpour, Amir Reza Mamdoohi, Mahmoud Saffarzadeh, and Fatemeh Babaei (2025). Sustainable Design of Autonomous Public Transport Networks Using Optimal Learning. 7th International Conference on Traffic Management and Safety, Tehran. (10-a-199)
- ✓ Amir Reza Mahdavi, Elyar Fakhoori Tabrizi, Mehdi Bavaghar Zaeimi, Saman Moshaghzadeh Fard, and Mahmoud Saffarzadeh (2025). Analysis of the Effect of Crashes at Freeway Entry and Exit Intersections on Upstream Traffic Flow Using Spatio-Temporal Analysis. 7th International Conference on Traffic Management and Safety, Tehran. (10-a-198)
- ✓ Navid Hosseini Taleghani, Mahmoud Saffarzadeh, and Siamak Hosseini (2025). Defining a Legal Framework for Accelerating Comprehensive ITS Development under the National ITS Commission of Iran to Improve Traffic Safety. 7th International Conference on Traffic Management and Safety, Tehran. (10-a-197)
- ✓ Mohammad Koochi and Mahmoud Saffarzadeh (2025). A Review of Safety Measures for Work Zones. 7th International Conference on Traffic Management and Safety, Tehran. (10-a-196)
- ✓ Eiloush Vaziri, Fereshteh Ahmadi, Zeinab Talebi Rizi, and Mahmoud Saffarzadeh (2024). Evaluation of the Performance and Reliability of Autonomous Vehicles in the Desert Ecosystem. 2nd National Conference on Rethinking the Prospects of Desert Ecosystems: Physical, Human, and Climatic Challenges and Opportunities. (10-a-195).
- ✓ Mahmoud Saffarzadeh, Hooman Rahimi, and Elham Bayazidi (2023). Investigating the Impact of Geometric Parameters on Roundabout Capacity Using AIMSUN Software (Case Study: Artesh Roundabout, Sanandaj). 5th International and 6th National Conference on Civil Engineering, Architecture, Art, and Urban Design. (10-a-194).

- ✓ Ali Hosseinzadeh Kouhsari, Mahmoud Saffarzadeh, and Seyed Mohammad Sadat Hosseini (2023). Evaluation of Accessibility Indicators Considering the Interactive Land Use and Transportation Model. 8th International Conference on Research in Science and Engineering and 5th International Congress on Civil Engineering, Architecture, and Urban Planning in Asia. (10-a-193).
- ✓ Mohammad Aghdam Ghazalghieh, Mahmoud Saffarzadeh, and Seyed Ali Najdi Hejazi (2022). Assessment and Evaluation of Airport Facilities Based on Multi-Criteria Decision-Making Models (AHP and Fuzzy AHP). 19th International Conference on Transportation and Traffic Engineering. (10-a-192).
- ✓ Mohammad Koochi, Shahin Shabani, Mahmoud Safarzadeh and Masoud Gudarzi, "Identification of factors affecting the severity of inner-city accidents using the ordinal probit model", 19th International Conference on Transportation and Traffic Engineering, Tehran, 2023. (10-a-191)
- ✓ Mohammad Koochi, Shahin Shabani and Mahmoud Safarzadeh, "Evaluation of the effect of lane improvement in suburban night accidents with case control method", 19th International Conference on Transportation and Traffic Engineering, Tehran, 2023. (10-a-190)
- ✓ Mohammad Kohi, Mahmoud Safarzadeh and Masoud Guderzi, "The impact of Covid-19 on the travel time within the city (case study: Lorestan province)", 19th International Conference on Transportation and Traffic Engineering, Tehran, 2023. (10-a-189)
- ✓ Mohammad Maniat, Mahmoud Safarzadeh, Morteza Yaqmorli and Ahmad Sobhani, "Investigating the impact of technical inspection on accidents in Tehran city from 1390-1400", 19th International Conference on Transport and Traffic Engineering, Tehran, 2023. (10-a-188)
- ✓ Mohammad Aghdam Qazalqih, Mahmoud Saffarzadeh and Seyed Ali Najdi Hijazi, "Measurement and evaluation of airport facilities based on multi-criteria AHP and fuzzy AHP decision models", 19th International Conference on Transport and Traffic Engineering, Tehran, 2023. (10-a-187)
- ✓ Navid Mirzaei Varzkhani, Mahmoud Safarzadeh and Ali Nadran, "Analysis and modeling of the superiority of the metro system in terms of access to the airport: a case study of Tehran's Mehrabad Airport", 19th International Conference on Transportation and Traffic Engineering, Tehran, 2023. (10-a-186)
- ✓ Ebrahim Amiri, Mahmoud Safarzadeh, Hamid Mirzahosein and Mehdi Faridzad, "Congestion Pricing Policies: Effects and Barriers (Review Study)", 19th International Conference on Transportation and Traffic Engineering, Tehran, 2023. (10-a-185)
- ✓ Mohammad Sediq Bawar, Ali Nadran and Mahmoud Safarzadeh, "Spatial impact of the contribution of land use types in the occurrence of accidents based on traffic areas (case study: Shiraz metropolis)", 19th International Conference on Transportation and Traffic Engineering, Tehran, 2023. (10-a-184)
- ✓ Mohammad Sediq Bawar, Ali Nadran and Mahmoud Safarzadeh, "Evaluation of spatial effects of environmental influencing factors on the frequency of accidents in the city of Shiraz using spatial Bayes method based on Euclidean distance and neighborhood",

- 19th International Conference on Transport and Traffic Engineering, Tehran, 2023. (10-a-183)
- ✓ Shahriar Ormuzdi Khoramshahi, Mahmoud Safarzadeh and Mohammad Reza Nikomanesh, "Evaluation of road regime strategy focusing on improving traffic and safety parameters", 19th International Conference on Transportation and Traffic Engineering, Tehran, 2023. (10-a-182)
 - ✓ Mohammad Reza Nikomanesh, Mahmoud Safarzadeh and Shahriar Ormuzdi Khorramshahi, "Analysis and evaluation of the weight of factors affecting light cargo vehicle accidents in big cities using Analytic Hierarchy Process (AHP) method", 19th International Conference on Transportation and Traffic Engineering, Tehran, 2023. (10-a-181)
 - ✓ Mohammad Sediq Bawar, Ali Nadran and Mahmoud Safarzadeh, "Analysis of spatio-temporal occurrence of traffic accident severity (case study: Shiraz metropolis)", 19th International Conference on Transport and Traffic Engineering, Tehran, 2023. (10-a-180)
 - ✓ Nima Fatut, Mahmoud Safarzadeh and Seyed Ali Najdi Hijazi, "Presentation of the Routing Model for the Transportation of Hazardous Materials", 19th International Conference on Transportation and Traffic Engineering, Tehran, 2023. (10-a-179)
 - ✓ Sina Sheikhul-Islami, Mahmoud Safarzadeh, Amirreza Mamdohi and Mahdieh Mahmoodabadi, "Investigation of the driver's emotional structure in the driving environment", 19th International Conference on Transport and Traffic Engineering, Tehran, 2023. (10-a-178)
 - ✓ Mohammad Maniat, Mahmoud Safarzadeh and Mohammad Afali, "Contradiction of transit-oriented development, sustainable urban development and gentrification with a view of Karaj and Tehran", 19th International Conference on Transportation and Traffic Engineering, Tehran, 2023. (10-a-177)
 - ✓ Shida Soleimani, Behzad Bammad Mehrabani and Mohoud Safarzadeh, "Presentation of a model for investigating the effect of geometrical parameters on the deterioration of railway lines", 18th International Conference on Transportation and Traffic Engineering, Tehran, 2019. (10-a-176)
 - ✓ Soroush Memarmantazarin and Mahmoud Safarzadeh, "Study of the behavior of the country's airport network in the face of random disturbances and sabotage attacks", 18th International Conference on Transportation and Traffic Engineering, Tehran, 2019. (10-a-175)
 - ✓ Abolhassan Qutbi Rawandi, Zahra Jahandideh, Mahmoud Safarzadeh, Behnam Jabini and Seyed Hassan Mohsenian, "Presentation of security proposals and implementation solutions for the accident-prone Intersection of Guards in Mashhad", 18th International Conference on Transportation and Traffic Engineering, Tehran, 2019. (10-a-174)
 - ✓ Akram Mazaheri, Mahmoud Safarzadeh, Seyed Saber Nasser Alavi and Ahmad Nagrawi, "Determining the best location of traffic indicators with the aim of estimating travel time with genetic algorithm", 18th International Conference on Transportation and Traffic Engineering, Tehran, 2018. (10-a-173)
 - ✓ Ebrahim Amiri, Mehdi Faridzad, Mahmoud Safarzadeh and Hamid Mirzahosein, "Effect of road pricing policy on commercial uses within the scope of traffic planning", 18th International Conference on Transportation and Traffic Engineering, Tehran, 2019. (10-a-172)

- ✓ Mehdi Faridzad, Ebrahim Amiri, Mahmoud Safarzadeh and Hamid Mirzahosein, "Effect of road pricing policy on the purchasing behavior of traffic plan drivers", 18th International Conference on Transportation and Traffic Engineering, Tehran, 2019. (10-a-171)
- ✓ Iraj Berggol, Vahid Najafi Moghadam Gilani, Morteza Hosseinpour and Daniyal Safari, "Determining the speed difference factors of pedestrians of equal weight crossing urban intersections", 18th International Conference on Transportation and Traffic Engineering, Tehran, 2019. (10-a-170)
- ✓ Mahmoud Safarzadeh and Elham Aghashahi, "Presentation of the model for determining the imbalances of the spatial organization of transportation in the case study area (East Azarbaijan Province)", 18th International Conference on Transportation and Traffic Engineering, Tehran, 2019. (10-a-169)
- ✓ Mahmoud Safarzadeh, Arash Sobhani, Mahan Gergin, Mohammad Maniat and Hamidreza Sabeti Sedek, "Obtaining the ratio of the motorcycle for heterogeneous traffic flow in the city", 18th International Conference on Transport and Traffic Engineering, Tehran, 2019. (10-a-168)
- ✓ Kamran Rahimof., Mahmoud Safarzadeh, Mohsen Arjamandi, "Designing performance analysis models of multi-lane urban areas using AIMSUN simulation method", 17th International Conference on Transportation and Traffic Engineering, Tehran, 2016. (10-a-167)
- ✓ Mohammad Khalegian, Mahmoud Safarzadeh, "A model for estimating the number of pedestrian accidents in traffic areas using macro variables", 17th International Conference on Transportation and Traffic Engineering, Tehran, 2016. (10-a-166)
- ✓ Nemat Soltani, Mahmoud Safarzadeh, Ali Nadran, Navid Soltani, Hamed Omrani, "Safety ranking of traffic areas based on demographic and traffic characteristics", 17th International Conference on Transportation and Traffic Engineering, Tehran, 2016. (10-a-165)
- ✓ Mahmoud Safarzadeh, Ehsan Jahanmard, Ashkan Elah Yaarinik, "Decision making of transportation of hazardous materials based on the risk of movement by rail and road", 17th International Conference on Transportation and Traffic Engineering, Tehran, 2016. (10-a-164)
- ✓ Morteza Asdamerji, Mahmoud Safarzadeh, Amin Mirza Boroujardian, Tayyaba Ferdowsi, Sina Sheikhul Islami, "Presentation of a new quantitative index and model to assess the driver's risk perception for use in the driver's license test", 17th International Conference on Transportation and Traffic Engineering, Tehran, 2016. (10-A-163)
- ✓ Navid Fahimi, Mahmoud Safarzadeh, Seyed Ahsan Seyed Abrishmi, "A model for the design of the feeding network of mass transit lines using the bee algorithm", 17th International Conference on Transportation and Traffic Engineering, Tehran, 2016. (10-A-162)
- ✓ Ebrahim Amiri, Mehdi Faridzad, Mahmoud Safarzadeh, "Effect of speed control cameras in reducing speed violations using Bayes method and comparison group (case study of Qazvin-Rasht freeway)", 17th International Conference on Transportation and Traffic Engineering, Tehran, 2016. (10-A-161)
- ✓ Sina Sheikhul-Islami, Morteza Asdamerji, Mahmoud Safarzadeh, Amin Mirza Boroujardian, "The model of the probability of an accident on suburban roads based on the characteristics of non-automotive hazards including color and mobility", 17th

International Conference on Transportation and Traffic Engineering, Tehran, 2016. 10-A-160)

- ✓ Mohammad Reza Yousefi, Mahmoud Safarzadeh, Hamid Ganj Khanlou, Mohammad Javad Bideshki, "Evaluation model for estimating the type of damage caused to the driver of the vehicle under factors reported by the traffic police (case study of the Zanjan-Qazvin freeway)", 17th International Conference on Transportation Engineering and Traffic, Tehran, 2016. (10-A-159)
- ✓ Mehdi Faridzad, Ebrahim Amiri, Mahmoud Safarzadeh "Evaluation of speed violations in the range of speed control cameras on suburban roads (case study of Qazvin-Rasht freeway)", 17th International Conference on Transportation and Traffic Engineering, Tehran, 2016. (10- A-158)
- ✓ Mahmoud Safarzadeh, Ashkan Elah Yaarinik, Azin Sadeghi Dezfouli, "Using HIDMS software to review the geometric design of recreational roads", 17th International Conference on Transportation and Traffic Engineering, Tehran, 2016. (10-a-157)
- ✓ Mahmoud Safarzadeh, Seyed Mohammad Ebrahimian, Iman Enayati, "Bicycle routing modeling in urban networks using Ant algorithm (Case study of Tehran city)", 17th International Conference on Transportation and Traffic Engineering, Tehran, 2016. (10-a-156)
- ✓ Farza Sheikh Hasani, Mahmoud Saffarzadeh, "Development of an Optimal Model for Selection of Airplanes in Air Corridors", the First National Conference on Highway and Transportation Engineering, September 2017, Gilan University, Iran. (10-a-155)
- ✓ Mahshid Mirzaei, Mahmoud Saffarzadeh "Considering the relationship between personal characteristics with drivers risk perception", the forth International Conference on Civil, Architecture and Urban Planning, 2016, Tehran, Iran. (10-a-154)
- ✓ Mahmoud Saffarzadeh, Amin Mirza Boroujerdian, Mohammad Etghai, Mohammadsina Semnarshad, "Considering and analysis of color regulations on exit guide signs in Tehran", 16th International Conference on Traffic and Transportation Engineering, 2017. (10-a-153)
- ✓ Mahmoud Saffarzadeh, Mani Hazeghi, Mehdi Emami Meibodi Yazdi, Masoud Yazdi, "The analysis of bicycle length and optimal capacity of intersections in over-saturated condition (Case study: Abotaleb-Kolahdouz Intersection in Mashhad), 16th International Conference on Traffic and Transportation Engineering, 2017. (10-a-152)
- ✓ Mahmoud Saffarzadeh, Mani Hazeghi, Ali Pazhuhmand Rad, Haniye Honarmand, "Evaluation of the effects of inconsistent land use on the exposed delay on urban highway using Aimsun (Case study: Ahamd Aba, Mashhad), 16th International Conference on Traffic and Transportation Engineering, 2017. (10-a-151)
- ✓ Saied Hesami, Mahmoud Saffarzadeh, Mohammad Etghai, "Development of the time prediction model for guide sign read based on the number of words and signs" 16th International Conference on Traffic and Transportation Engineering, 2017. (10-a-150)
- ✓ Mohammadreza Elyasi, Mehdi Mazaheri, Mahmoud Saffarzadeh, Amin Mirza Boroujerdian, "Crash prediction analysis resulted from unconscious behavior using Negative Binomial Model (Case study, Hamden Provide highways", 16th International Conference on Traffic and Transportation Engineering, 2017. (10-a-149)
- ✓ Mahshid Mirzai Taleghani, Mahmoud Saffarzadeh, "The evaluation of drivers' risk perception and the role of drivers' characteristics in risk perception ranking", 16th International Conference on Traffic and Transportation Engineering, 2017. (10-a-148)

- ✓ Mahmoud Saffarzadeh, Morteza Asad Amraji, Younes Sadegh Ghomi, Amirreza Mamdouhi, "Prioritization of course headlines for professional driving skills", 16th International Conference on Traffic and Transportation Engineering, 2017. (10-a-147)
- ✓ Saied Sharafatipour, Mahmoud Saffarzadeh, "Prediction of harbor attraction regarding domestic and international trading using linear modeling", 18th congress on marine industry, 2016. (10-a-146)
- ✓ Ehsan Jahanmard, Mahmoud Saffarzadeh, Mojtaba Ramenzanpour, Ahmad Chali, "Providing a routing problem for grade-separated crossing in urban networks: travel time, delay time, density at urban streets (Mashhad Case Study)" 15th International Conference on traffic and Transportation Engineering, 2016. (10-a-145)
- ✓ Saied Hessami, Mahmoud Saffarzadeh, Mohammad Eteghaei, "Considering the effects of alternative letters in the capability of drivers to read them" 15th International Conference on traffic and Transportation Engineering, 2016. (10-a-144)
- ✓ Shahriar Afandizadeh, Mahmoud Saffarzadeh, Hossein Mohammadi Gharaghi, "Decision algorithm about conversion of roundabouts to signalized intersection and signalized intersection to roundabouts" 15th International Conference on traffic and Transportation Engineering, 2016. (10-a-143)
- ✓ Mohammadreza Elyasi, Amin Mirza Boroujerdian, Mahmoud Saffaezadeh, Hessam Jannati, Mehdi Mazaheri, "Providing a model to evaluate the risk of accidents at high crash segments and their comparison with crash index (Hamedan-Malayer Case Study)" 15th International Conference on traffic and Transportation Engineering, 2016. (10-a-142)
- ✓ Mohammad Tamanai, mahmoud Saffazradeh "Delay management at railway time schedule after the occurrence of an accident: mathematical development and accurate methodology" 15th International Conference on traffic and Transportation Engineering, 2016. (10-a-141)
- ✓ Mina Mahmoudi, Mahmoud Saffarzadeh, masoud Tayebi, Shahriar Basirat "Validation of a sample of dynamic test on local driver's danger perception (Tehran Case Study) 15th International Conference on traffic and Transportation Engineering, 2016. (10-a-140)
- ✓ Morteza Asad Amraji, Mahmoud Saffarzadeh, Amin Mirza Boroujerdian, Sina Sheikholeslami "Prioritization of Iran motorists training classes to apply motorcycle simulator" 15th International Conference on traffic and Transportation Engineering, 2016. (10-a-139)
- ✓ Morteza Asad Amraji, Amir Rasouli, Mahmoud Saffarzadeh, Naghme Rasouli "Sensitivity analysis on children on pedestrian related dangerous" 15th International Conference on traffic and Transportation Engineering, 2016. (10-a-138)
- ✓ Mahmoud Saffazradeh, Seyed Ehsan Seyed Abrishami, Mohsen Sepeher, "Elasticity analysis of Tehran bus rapid transit demand by variation in payment structure" 15th International Conference on traffic and Transportation Engineering, 2016. (10-a-137)
- ✓ Mahmoud Saffarzadeh, Morteza Asad Amraji, Amin Mirza Boroujerdian, "The prioritization algorithm of black spots on urban highways using safety audit" The 10th Interantioanl Congress on Civil Engineering, 2015. (10-a-136)
- ✓ Mina Mahmoudi, Mahmoud Saffarzadeh, Masoud Tabibi, "Evaluating the effectiveness of making young drivers sensitive to situations with potential traffic risk based on

- driving risk perception test, 4th International Conference on driving and Road Accidents, Tehran, 2015, (10-a-135)
- ✓ Shahab Hasanpour, Mahmoud Saffarzadeh, Seyed Ramtin Bagheri, "Prioritizing the environmental and social factors in rural road construction", The first National Conference on Rural Transportation, 2015, (10-a-134)
 - ✓ Mohammadreza Elyasi, Mahmoud Saffaezadeh, Amin Mirza Boroujerdian, "Traffic stream management using pavement marking", The Second Conference on Civil Engineering, Malayer University, 2015. (10-a-133)
 - ✓ Mohammadreza Elyasi, Mahmoud Saffaezadeh, Amin Mirza Boroujerdian, "Considering the roadway traffic accident modeling procedure", The Second Conference on Civil Engineering, Malayer University, 2015. (10-a-132)
 - ✓ Mohammadreza Elyasi, Mahmoud Saffaezadeh, Amin Mirza Boroujerdian, "Providing a model of accident prone-segments based on AHP, Case study- Hamedan", The 14th International Conference on driving and roadway Accidents, Tehrean University, 2015. (10-a-131)
 - ✓ Mohammadreza Elyasi, Mahmoud Saffaezadeh, Amin Mirza Boroujerdian, Mehdi Mazaheri, "Providing a model of speed control camera location using AHP, Case study- Hamedan" The 14th International Conference on Traffic and Transportation Engineering, Tehrean, 2014. (10-a-130)
 - ✓ Mohammadreza Elyasi, Mahmoud Saffaezadeh, Amin Mirza Boroujerdian, "Weight in Motion locating using Geographic Information System, Case study- Hamedan", The First Iran ITS Congress, Tehran, 2014. (10-a-129)
 - ✓ Mohammadreza Elyasi, Mahmoud Saffarzadeh, "Analysis of roadway crashes", The 15th Conference of Iran Civil Engineer Students, Urumiyeh University, 2014. (10-a-128)
 - ✓ Mohammadreza Elyasi, Mahmoud Saffarzadeh, "Prioritization of Hamedan primary road network using GIS", The Third National Conference of Roadway accidents, Zanjan, 2014. (10-a-127)
 - ✓ Mahmoud Saffarzadeh, Arash Sadrai, Aminmirza Boroujerdian, "Evaluation of Tehran pedestrian island by considering pedestrian safety" 14th International Conference on Traffic and Transportation Engineering, Tehran, 2014 (10-a-126)
 - ✓ Mahmoud Saffazradeh, Morteza Asadamraji, Aminmirza Boroujerdian, Mostafa Eslami, "Comparative evaluation of driver simulator and risk perception test based on digital photos to educate drivers in Iran", 14th International Conference on Traffic and Transportation Engineering, Tehran, 2014 (10-a-125)
 - ✓ Mahmoud Saffarzadeh, Mojtaba Ramezanpour Ahmadchali, Ehsam Jahanmard, Morteza Jahanshahi, Ashkan Elaheyari Nik, " Providing the appropriate methodology to construct pedestrian crossover in urban streets based on sustainable development approach" 14th International Conference on Traffic and Transportation Engineering, Tehran, 2014 (10-a-124)
 - ✓ Mahmoud Saffarzadeh, Donya Baghaei Asadabadi, Ehsan Zamanian, "Providing urban streets prioritizing model leading to traffic calming schemes (case study: Tehran Municipality, Zone 4), 14th International Conference on Traffic and Transportation Engineering, Tehran, 2014 (10-a-123)
 - ✓ Mahmoud Saffarzadeh, Saied Hesami, Mohammad Etghaei, Farshidreza Haghighi, "Providing streets' prioritizing model used on traffic direction signs (case study: Valiasr

- highway, Sari) 14th International Conference on Traffic and Transportation Engineering, Tehran, 2014 (10-a-122)
- ✓ Mahmoud Saffarzadeh, Sayaede Fateme Mousavi, Amir Ali Zarinmehr, Sayed Ehsan Sayedabrishami, “The importance of transportation forecasting on changes occurred in urban development schemes”, the First International on New Horizons in Architecture and planning with approach of Islam and Persia 2014 (10-a-121)
 - ✓ Mahmoud Saffarzadeh et al., “Considering the impact of accuracy of highway accidents data on choosing and prioritizing modifying provisions” The 3rd national Conference on Roadway, Railway and Aerial Accidents, Zanjan, 2014, (10-a-120)
 - ✓ Mahmoud Saffarzadeh et al., “Providing the optimization strategy of organizing and tackling points and sections of high risk”, The 3rd national Conference on Roadway, Railway and Aerial Accidents, Zanjan, 2014, (10-a-119)
 - ✓ Mahmoud Saffarzadeh et al., “The design of prioritizing of points with high risk of accident using linear analysis and classic statistic methods to overcome vehicle wheel burst”, The 3rd national Conference on Roadway, Railway and Aerial Accidents, Zanjan, 2014, (10-a-118)
 - ✓ Sayed Ramtin Bagheri, Mahmoud Saffarzadeh, “The effects of birds crash with airplanes in aerial accidents and safety” The 3rd national Conference on Roadway, Railway and Aerial Accidents, Zanjan, 2014, (10-a-117)
 - ✓ Moein Asgari, Mahmoud Saffarzadeh, “Considering the application of intelligent transportation to provide safe pedestrian area”, the 15th Conference of Civil Engineering students in Iran, Ouroumiye University, 2014, (10-a-116)
 - ✓ Mahmoud Saffarzadeh, Seyed Ramtin Bagheri, Mojtaba Kazemi, “Considering and offering a number of solutions to increase safety and decrease accidents”, The fifth National Congress on Traffic Management, 2013, (10-a-115)
 - ✓ Mahmoud Saffarzadeh, Seyed Mohammad Seyed Hoseini, Hima Saki, Mohammadreza Tavakol, “Evaluating the effects of U-Turns as an alternative for direct left turn movement”, The Seventh National Congress on Civil Engineering. 2012, (10-a-114)
 - ✓ Ashakn Elahe Yari Nek, Azin Sadeghi Dezfouli, Mahmoud Saffarzadeh, Ehsan Jahanmard, “Evaluation of the quality of provisions offered by airplane companies with approach of Combination-Fuzzy” 13th International Conference on Traffic and Transportation Engineering, 2014, (10-a-114)
 - ✓ A. Baghestani, A. Mahpour, B. Mirbah, M. Saffarzadeh., “Analyzing the Profit to Grade-Separated Crossing Construction Cost in Congested Urban Network”. 13th International Conference on Traffic and Transportation Engineering, Tehran, Iran, 2014. (10-a-110)
 - ✓ M. Saffarzadeh, M. Zangoui Dovom, H. Zangui Dovom., “Considering the Risk of Two wheeler (motorcycle) accident in Mashhad”. 13th International Conference on Traffic and Transportation Engineering, Tehran, Iran, 2014. (109-a-10)
 - ✓ M. Saffarzadeh et al., “Health Care Centers optimal locating analysis in Disaster Relief by UHB location allocating issue and solving by Genetic Algorithm”. 13th International Conference on Traffic and Transportation Engineering, Tehran, Iran. 2014. (10-a108)
 - ✓ A. Taghi zadeh, Gh. Shafabakhsh, M. Saffarzadeh, “Choosing the Efficient Public Transportation System to Provide Accessibility for Grogan International Airport Using

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- ✓ M. Saaffarzadeh et al., "Optimizing the Air Traffic Flow by Consideration of Disruption Risk". 13th International Conference on Traffic and Transportation Engineering, Tehran, Iran. 2014. (10-a106)
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 - ✓ M. Saffarzadeh et al., "Evaluation of the roundabout and signalized intersection capacity". 13th International Conference on Traffic and Transportation Engineering, Tehran, Iran, 2014. (10-a-104)
 - ✓ M. Saffarzadeh, M. Semnarshadh, "Considering the capacity drop phenomenon on freeways". 13th International Conference on Traffic and Transportation Engineering, Tehran, Iran, 2014.
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 - ✓ M. Saffarzadeh, S. Maleki Sadeghi, "Providing a Model to Optimize Choosing Pattern of Modifying Measurement and resources consuming". International Conference on Civil Engineering, Architecture and Urban Sustainable Development, Islamic Azad University, Tabriz Branch, 2013. (10-a-103)
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 - ✓ Mahmoud Saffarzadeh, and Said Sayad, "A model for departing time selection of non-work users in Urban Areas", The Twelfth International Transportation and Traffic Conference, Tehran Feb. 2013. (10-a-99)
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 - ✓ Mahmoud Saffarzadeh, et. al., " Investigation of Appropriate methods to increase the capacity of railway bottlenecks", The Twelfth International Transportation and Traffic Conference, Tehran Feb. 2013. (10-a-97)

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- ✓ Mahmoud Saffarzadeh, and Amir Zarinmehr, " A Discrete Scheduling of Fleet shipment to intermediate bus stations by Branch and Bound algorithm", The Twelfth International Transportation and Traffic Conference, Tehran Feb. 2013. (10-a-95)
- ✓ Mahmoud Saffarzadeh, et. al., " A Weighting Model for selection of effective parameters to choose an appropriate access system to Sari Airport usinf Fuzzy decision process", The Twelfth International Transportation and Traffic Conference, Tehran Feb. 2013. (10-a-94)
- ✓ Mahmoud Saffarzadeh, et. al., "An analysis of Drivers route change using vVariable Message Signs in Tehran Highways", The Twelfth International Transportation and Traffic Conference, Tehran Feb. 2013. (10-a-93)
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- ✓ Mahmoud Saffarzadeh, "Airport Terminal Simulation Model; an Object Oriented Approach", Worldwide ECCE Symposium, Sept, 1997. (10-b- 2)
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