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Published Journal Papers

1. Rategh Y., **Tamannaeei M.**, Zarei H. (2022), A Game-Theoretic Approach to an Oligopolistic Transportation Market: Coopetition Between Incumbent Systems Subject to the Entrance Threat of an HSR Service. *Transportation Research Part A: Policy and Practice*, Vol. 165, pp. 144-171. [Link](#) [Download](#)
2. Taheri S., **Tamannaeei M.** (2022), Integrated Multi-Level Intermodal Network Design Problem: A Sustainable Approach, Based on Competition of Rail and Road Transportation Systems. *Networks and Spatial Economics*, Vol. 22, pp. 1-37. [Link](#) [Download](#)
3. Habibollahi M.A., **Tamannaeei M.**, Falsafain H. (2022), Locomotive Assignment Problem with Consideration of Infrastructure and Freight Train Constraints: Mathematical Programming Model and Metaheuristic Solution Approaches. *Computers and Industrial Engineering*, Vol. 172, 108625. [Link](#) [Download](#)
4. Salehi E., Allafeepour A., **Tamannaeei M.**, Tavassoli K. (2022), Analysis of competition between maritime and multimodal land-sea shipping in an international freight transportation market. *Amirkabir Journal of Civil Engineering*, Vol. 6 (1), pp. 1-34. [Link](#) [Download](#)
5. **Tamannaeei M.**, Zarei H., Rasti-Barzoki M. (2021), A Game-Theoretic Approach to Sustainable Freight Transportation: Competition between Road and Intermodal Road–Rail Systems with Government Intervention. *Transportation Research Part B: Methodological*, Vol. 153, pp. 272-295. [Link](#) [Download](#)
6. Aminzadegan S., **Tamannaeei M.**, Fazeli M. (2021), An Integrated Production and Transportation Scheduling Problem with Order Acceptance and Resource Allocation Decisions. *Applied Soft Computing*, Vol. 112, 107770. [Link](#) [Download](#)
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8. Tavassoli K., **Tamannaeei M.** (2020), Hub network design for integrated Bike-and-Ride services: A competitive approach to reducing automobile dependence. *Journal of Cleaner Production*, Vol. 248, 119247. [Link](#) [Download](#)
9. Aminzadegan S., **Tamannaeei M.**, Rasti-Barzoki M. (2019), Multi-Agent Supply Chain Scheduling Problem by Considering Resource Allocation and Transportation. *Computers and Industrial Engineering*, Vol. 137, 106003. [Link](#) [Download](#)
10. Falsafain H., **Tamannaeei M.** (2020), A Novel Dynamic Programming Approach to the Train Marshalling Problem. *IEEE Transactions on Intelligent Transportation Systems*, Vol. 21 (2), pp. 701-710. [Link](#) [Download](#)
11. **Tamannaeei M.**, Rasti-Barzoki M. (2019), Mathematical programming and solution approaches for minimizing tardiness and transportation costs in the supply chain scheduling problem. *Computers and Industrial Engineering*, Vol. 127, pp. 643-656. [Link](#) [Download](#)
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13. Chamani Foomani Dana A., **Tamannaie M.** (2021), A Game-Theoretic Approach for Transportation of Oil Products in a Duopolistic Supply Chain. Amirkabir Journal of Civil Engineering, Vol. 5 (1), pp. 1-14. [Link](#) [Download](#)
14. Chamani Foomani Dana A., **Tamannaie M.** (2020), Railway Pricing Problem: The Effects of Monetary Decision-Making on a Duopolistic Freight Transportation Market, International Journal of Railway Research, Vol. 7 (2), pp.45-50. [Link](#) [Download](#)
15. **Tamannaie M.**, Fazeli M., Chamani Foomani A., Mansourianfar H. (2019), Transit Signal Priority: Proposing a Novel Algorithm to Decrease Delay and Environmental Impacts in BRT Route Intersections. International Journal of Transportation Engineering, Vol. 7 (2), pp. 153-169. [Link](#) [Download](#)
16. Dehshiri Parizi M.H., **Tamannaie M.**, Haghshenas H. (2018), Evaluation of Friction Demand Factor in Loop Ramps of Interchange Facilities. Amirkabir Journal of Civil Engineering, Vol. 2 (2), pp. 195-208. [Link](#) [Download](#)
17. Shafipur M., **Tamannaie M.**, Abtahi S.M. (2018), A Methodology to Prioritize the Construction Projects of New Railway Infrastructures for Privatization in Railway Networks (Case Study: Iran). International Journal of Transportation Engineering, Vol. 6 (2), pp. 123-143. [Link](#) [Download](#)
18. Khosravi A., **Tamannaie M.**, Reisi-Nafchi M. (2017), A Comprehensive Approach for Railway Crew Scheduling Problem (Case Study: Iranian Railway Network). International Journal of Transportation Engineering, Vol. 4 (3), pp. 197-210. [Link](#) [Download](#)
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26. **Tamannaei M.**, Vali M.H. (2018), An Algorithm for Optimally Removing Network Bottlenecks to Justify the Electrification of the Railway Corridors, Case Study: Railway Corridor at North of Iran (in Persian). Modares Civil Engineering Journal (ISSN: 2476-6763), Vol. 18 (2), pp. 37-49. [Link](#) [Download](#)
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32. Abtahi S.M., **Tamannaei M.**, Kermanshahi, Sh. (2010), Capacity Analysis of the Basic Multi-Lane Highway Segments (A case study for Shahid Kharrazi multi-lane highway in Isfahan) (in Persian). Journal of Transportation Research (ISSN: 2008-3351), Vol. 7 (3), pp. 205-214. [Link](#) [Download](#)

International and National Conference Papers

33. Chamani Foomani Dana A., Haghshenas H., **Tamannaei M.** (2020), Application of Surrogate Safety Measures for Safe Signal Timing in Urban Intersections, 18th International Conference on Traffic and Transportation Engineering, Tehran, Iran. [Download](#)
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35. **Tamannaei M.**, Kalantari H. (2016), Disruption Management in Double-Track Railways Using a Novel Train Rescheduling Model, 15th International Conference on Traffic and Transportation Engineering, Tehran, Iran. [Download](#)
36. **Tamannaei M.**, Saffarzadeh M., Jamili A., Seyedabrishami S.E., Bagheri R. (2015), Proposing a New Train Rescheduling Approach with Simultaneous Consideration of Cancelling, Delaying and Re-Ordering Policies, 94th Annual Meeting, Transportation Research Board (TRB), Washington, USA. [Link](#) [Download](#)
37. Abtahi S.M., **Tamannaei M.**, Kermanshahi Sh., Abrishamkar A. (2011), Determination of Highway Capacity Based On Time Headway Analysis Case Study: Isfahan Highways, International Conference on Traffic and Transportation Engineering (ICTTE), Dubai, UAE. [Download](#)

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39. Rategh Y., **Tamannaie M.** (2021), An Optimization Approach for Locomotive Scheduling Problem with Consideration of the Special Situations of Iranian Railway Network (in Persian), 4th Annual Congress of Civil Engineering, Architecture and Urban Planning Technology Infrastructure Development of Iran, Tehran, Iran. [Download](#)
40. Habibollahi M.A., **Tamannaie M.**, Falsafain H. (2021), An Optimization Approach for Locomotive Scheduling Problem with Consideration of the Special Situations of Iranian Railway Network (in Persian), 7th International Conference on Mechanical, Construction, Industrial and Civil Engineering, Tehran, Iran. [Download](#)
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