

## سوابق علمی و پژوهشی



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- کارشناسی ارشد (M.Eng.Sc.): مهندسی صنایع در برنامه‌ریزی تولید، دانشگاه ملیورن، استرالیا (۱۳۷۲)
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### زمینه‌های تخصصی

- طراحی سیستم‌های تولیدی (استقرار و مکان‌یابی تسهیلات)
- زمانبندی و توالی عملیات
- حمل‌ونقل و مسیریابی وسائط نقلیه
- لجستیک و طراحی شبکه زنجیره تامین
- روش‌های فراابتکاری در حل مسائل بهینه‌سازی

### جوایز

- کسب عنوان استاد برگزیده شاگردپرور در جایزه شیخ مفید بنیاد ملی نخبگان، اردیبهشت ۱۴۰۳.
- کسب نشان شوالیه پالم آکادمیک از کشور فرانسه، تیر ۱۳۹۸.
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- کسب رتبه برتر به‌عنوان پژوهشگر و دانشمند یک درصد برتر در دو گروه مهندسی و علوم کامپیوتر نخبگان علمی جهان بر اساس گزارش انتشار یافته پایگاه علمی بین‌المللی تامسون رویترز، از مرداد ۱۳۹۴ تا کنون.
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### فعالیت‌های اجرایی

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- عضو هیات اجرایی جذب دانشگاه علم و فناوری مازندران، شورای عالی انقلاب فرهنگی (از بهمن ۱۳۹۴ تا بهمن ۱۴۰۱)

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- سردبیر نشریه مهندسی صنایع، دانشکدگان فنی، دانشگاه تهران (از اردیبهشت ۱۳۹۴ تا مرداد ۱۴۰۳)
- عضو هیات مدیره انجمن ایرانی تحقیق در عملیات، تهران (از اردیبهشت ۱۳۹۲ تا کنون)
- عضو هیات تحریریه نشریه پژوهش‌های مهندسی صنایع در سیستم‌های تولید (از خرداد ۱۳۹۲ تا کنون)
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- عضو هیات تحریریه نشریه علمی - ترویجی تحقیق و توسعه، (از فروردین ۱۳۹۱ تا کنون)
- عضو شورای رشته علوم مهندسی، پردیس دانشکده‌های فنی، دانشگاه تهران (از بهمن ۱۳۸۶ تا کنون)
- عضو هیات مدیره انجمن ایرانی تحقیق در عملیات (از اردیبهشت ۱۳۹۸ تا کنون)
- عضو شورای گروه پژوهشی بهینه‌سازی مهندسی، پردیس دانشکده‌های فنی، دانشگاه تهران (از سال ۱۳۸۰ تا کنون)
- عضو هیات مدیره انجمن ایرانی تحقیق در عملیات (از بهمن ۱۳۸۶ تا اردیبهشت ۱۳۹۲)
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- عضو کمیته تخصصی گروه فنی - مهندسی، صندوق حمایت از پژوهشگران کشور، ریاست جمهوری (از مرداد ۱۳۸۴ تا آبان ۱۳۸۸)
- معاون پژوهشی گروه مهندسی صنایع، پردیس دانشکده‌های فنی، دانشگاه تهران (از مهر ۱۳۸۳ تا مهر ۱۳۸۵)
- عضو هیات تحریریه نشریه فنی، دانشگاه تهران (از بهمن ۱۳۸۳ تا بهمن ۱۳۸۵)
- نماینده گروه مهندسی صنایع در ستاد اینترنتیپ دانشکده فنی، دانشگاه تهران (از سال ۱۳۷۹ تا مهر ۱۳۸۵)
- معاون پژوهشی گروه مهندسی صنایع، پردیس دانشکده‌های فنی، دانشگاه تهران (سالهای ۱۳۷۸ و ۱۳۷۹)
- مدیر برنامه‌ریزی و نظارت پردیس دانشکده‌های فنی، دانشگاه تهران (از سال ۱۳۸۱ تا ۱۳۸۲/۵/۱۹)
- عضو ستاد تحول اداری استان مازندران (از سال ۱۳۸۱ تا ۱۳۸۲)
- عضو مؤسس انجمن مهندسی ارزش ایران (سال ۱۳۸۱)

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## II) Journal Papers: (from 2021 up to now)

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- 2) Ahmadi, M., **Tavakkoli-Moghaddam, R.**, and Bozorgi-Amiri, A., Towards a lean-oriented multi-mode resource-constrained project scheduling problem with activity crashing and preemption: A real-case study, *Int. J. of Engineering, Transaction C: Aspects*, DOI: , Vol. , No. , pp. , 2026. **(ISI)**
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- 4) Sadati-Keneti, Y., Sebta, M.V., **Tavakkoli-Moghaddam, R.**, Rahbari, M., and Kargar, B., A bi-objective green supply chain with perishable products: A novel heuristic-based meta-heuristic algorithm, *Environment, Development and Sustainability*, DOI: 10.1007/s10668-025-07163-7, Accepted for publication, 2025. **(ISI)**
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- 9) Ghanbarzadeh, A., Mirzazadeh, A., **Tavakkoli-Moghaddam, R.** and Molamohamadi, Z., Optimization of a sustainable supply chain for medical device industry under uncertainty and COVID-19 pandemic, *Annals of Operations Research*, DOI: 10.1007/s10479-024-06370-1, Accepted for publication, 2024. **(ISI)** These papers are part of the special issue Ensemble AI-Driven Metaheuristic Optimization in OR: Newest Contributions in Theory, Methods, and Applications, which is not yet complete. There are multiple submissions under review or in revision.
- 10) Jahed, A., Hadji Molana, S.M., **Tavakkoli-Moghaddam, R.**, Valizadeh, V., Designing an integrated sustainable-resilient mix-and-match vaccine supply chain network, *Annals of Operations Research*, DOI: 10.1007/s10479-024-06211-1, Accepted for publication, 2024. **(ISI)** These papers are part of the special issue Ensemble AI-Driven Metaheuristic Optimization in OR: Newest Contributions in Theory, Methods, and Applications, which is not yet complete. There are multiple submissions under review or in revision.
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