

رزومه ی علمی



احمد مانی ورنوسفادرانی

۱۸ اردیبهشت ماه ۱۳۶۳

عضو هیئت علمی گروه شیمی تجزیه، دانشکده علوم پایه، دانشگاه تربیت مدرس، ۱۳۹۳ تا کنون

مدیر گروه شیمی تجزیه، دانشکده علوم پایه، دانشگاه تربیت مدرس، ۱۳۹۴ - تاکنون

عضو هیئت علمی بیوانفورماتیک - دانشکده فناوری های نوین - دانشگاه اصفهان، ۱۳۹۳-۱۳۹۲

همکاری های بین المللی

فرصت مطالعاتی در موسسه ی تحقیقاتی علوم آب و محیط زیست (IDEA)، مرکز تحقیقات ملی اسپانیا (CSIC)،
بارسلونا، تابستان ۱۳۹۷ - همکاری با پروفسور **Roma Tauler** تحت عنوان بررسی انتشار خطا در روش های

مدل سازی نرم **MCR**

فرصت مطالعاتی در دانشکده شیمی و بیوشیمی برن، سوئیس، اردیبهشت ۱۳۹۱ - آبان ۱۳۹۰، همکاری تحقیقاتی با
گروه پروفسور **Jean-Louis Reymond** به منظور آنالیز تکه تکه شدن بزرگترین پایگاه داده ی مولکولی دنیا

GDB-13

تحصیلات دانشگاهی

دوره ی دکتری تخصصی، دانشگاه صنعتی شریف، شیمی تجزیه، کمومتریکس، ۱۳۹۱ - ۱۳۸۷

دوره ی کارشناسی ارشد، دانشگاه صنعتی شریف، شیمی تجزیه، کمومتریکس، ۱۳۸۷-۱۳۸۵

دوره ی کارشناسی، دانشگاه تبریز، شیمی کاربردی، ۱۳۸۵-۱۳۸۱

عناوین رساله (پایان نامه)

دوره ی فرصت مطالعاتی، آنالیز تکه تکه شدن بزرگترین پایگاه مولکولی دنیا **GDB-13**، با استفاده از مفهوم

Scaffold Forest

دوره ی دکتری تخصصی، توسعه و کاربرد روش های کمومتریکس برای طبقه بندی و آنالیز شباهتی فعالیت دارو

ها: معرفی نسبیت کلاسیک در فضای شیمیایی

دوره ی کارشناسی ارشد، مدل سازی فعالیت ضد سرطان آمید ها به عنوان بازدارنده های گیرنده ی **CCR5**

دوره ی کارشناسی، تهیه ی نمک **AuCN** برای پوشش دهی بدون الکتروود طلا در حمام های آبکاری نیکلی

افتخارات

رتبه ۲ فارغ التحصیلی دوره ی کارشناسی، دانشکده شیمی، دانشگاه تبریز، ۱۳۸۵

رتبه ۳ فارغ التحصیلی دوره ی کارشناسی ارشد، دانشکده شیمی، دانشگاه صنعتی شریف، ۱۳۸۷

رتبه ۲ فارغ التحصیلی دوره ی دکتری، دانشکده شیمی، دانشگاه صنعتی شریف، ۱۳۹۱

رتبه ۱ در آزمون ورودی دوره ی دکتری، دانشگاه صنعتی شریف، ۱۳۸۷

رتبه ۴ در آزمون کارشناسی ارشد، گرایش شیمی تجزیه، ۱۳۸۵

رتبه ۴ در مرحله ی اول المپیاد کشوری دانشجویی شیمی، ۱۳۸۵

كمومتريكس، متابولوميكس، بيوانفورماتيك، اسپكتروسكوبي رامان، آناليز تصاوير، طراحي دارو، طراحي و آناليز پايگاه هاي داده، بيوشيمي محاسباتي، شيمي تجزيه، كموانفورماتيكس

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➤ کتاب

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international Iranian biannual conference of Chemometrics, University of Tehran, October 2015.

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- [1] **A. Mani-Varnosfaderani**, M. Jalali-Heravi, *Combination of pattern search optimization and fuzzy inference system as a method for rule extraction from complex systems*, **Poster presentation**, **16th symposium of Analytical Chemistry**, Hamedan, Iran, June 2009.

- Computational Methods in Chemistry (Khajeh Nasir Toosi University, 2019)
- Computer Aided Drug Design (Tarbiat Modares University, 2016- present)
- Analytical Spectroscopy I (Tarbiat Modares University, 2013-present.)
- Statistical Interpretation of Results (Tarbiat Modares University, 2013-present)
- Modeling of Biological Data (Isfahan University of Medical Science, Aug-Nov 2012)
- Bioinformatics (Isfahan University of Medical Science, Aug-Nov 2013)
- Advanced Modeling (Isfahan University of Medical Science, Aug-Nov 2013)

داوری مجلات بین المللی

Applied Soft Computing (Elsevier Publications)

Journal of Chromatography A (Elsevier Publications)

Chemometrics and Intelligent Laboratory Systems (Elsevier Publications)

Informatics in Medicine (Elsevier Publications)

Scientific Reports (Nature Publications)

IEEE Access (IEEE)

Neural Computing and Applications (Springer Publications)

SAR and QSAR in Environmental Research (Taylor and Francis Publications)

Applied Spectroscopy (SAGE Publications)

Medicinal Chemistry Research (Springer Publications)

Journal of the Iranian Chemical Society (Springer Publications)

Journal of Separation Science (Wiley Publications)

The Journal of Gene Medicine (Wiley Publications)

Journal of AOAC International

Journal of Medical Signals and Sensors

Iranian Journal of Mathematical Chemistry

Iranian Journal of Chemistry and Chemical Engineering

Iranian Journal of Biotechnology

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Maryam Mousavi (advisor, 2015-2016)

Ziba Abdollahpour (advisor, 2015-2016)

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