بسمه تعالی



خلاصه سوابق علمی و اجرایی

دکتر مسعود نصیری زرندی

دانشیار دانشکده مهندسی شیمی، نفت و گاز دانشگاه سمنان

mnasiri@semnan.ac.ir

تحصیلات

- کارشناسی: مهندسی شیمی (مهندسی پالایش نفت)، دانشکده فنی دانشگاه تهران (۱۳۷۲-۱۳۶۸)
- کارشناسی ارشد: مهندسی شیمی، دانشکده فنی دانشگاه تهران (۱۳۷۴-۱۳۷۲)
- دکتری: مهندسی شیمی (نفت)، دانشگاه علم و صنعت ایران (۱۳۸۷-۱۳۸۲)

عنوان رساله دکتری: شناسایی فرمولاسیون گل حفاری سنتزی مناسب برای حفاری چاه‌های نفت دریایی

Ph.D. Thesis: Identification of a Synthetic Drilling Fluid Appropriate for Offshore Oil Well Drilling

- فرصت مطالعاتی در دانشگاه ایالتی لوئیزیانا (Louisiana State University) در سال ۲۰۰۶
- فرصت مطالعاتی در دانشگاه میشکولتس مجارستان (University of Miskolc) در سال ۲۰۲۳

سوابق پژوهشی

- اخذ عنوان مقاله‌ی برتر و پر استناد (Highly Cited Paper) برای انتشار مقاله با عنوان «Investigation of uranium (VI) adsorption by polypyrrole» در نشریه «Journal of Hazardous Materials».
- داور مجلات علمی بین‌المللی (۲۰۰۸-تاکنون).
- عضو هیات تحریریه مجله Journal of Heat and Mass Transfer Research (۲۰۱۳-تاکنون).

- عضو هیات تحریریه مجله Journal of Sustainable Energy & Chemical Engineering (SECE) (۲۰۲۲-تاکنون).
- مدیر "هسته شتابدهی نوآوری و پژوهش در هیدروژن سبز"، دانشگاه سمنان (۲۰۲۴-تاکنون).
- برگزارکننده و سخنران کارگاه مشترک ایران و چین؛ ارائه یافته‌های پژوهشی با عنوان « Geochemical, Microbial, and Thermodynamic Modeling and Simulation for Hydrogen Storage with PHREEQC Software» در کنفرانس بین‌المللی « Challenges of Sustainable Energy Development and Meeting Net Zero Carbon Emissions»، دانشگاه شاندونگ، چین (۲۰۲۵).
- دبیر علمی اولین کنفرانس بین‌المللی ذخیره‌سازی زیرزمینی انرژی و بازیابی آن، دانشگاه سمنان (۲۰۲۶).

سوابق اجرایی

- رئیس دانشگاه سمنان (۱۴۰۵/۰۲/۰۲-تاکنون)
- رئیس کمیسیون دائمی هیات امنای دانشگاه دامغان (۱۴۰۳-تاکنون)
- رئیس دانشگاه سمنان (از ۱۳۹۶/۱۲/۲۷ تا ۱۴۰۱/۱۰/۱۰)
- سرپرست پردیس فرزانگان سمنان (ویژه خواهران) (۱۴۰۰-۱۳۹۷)
- نماینده مقام عالی وزارت علوم، تحقیقات و فناوری در هیات امنای موسسه آموزش عالی غیردولتی-غیرانتفاعی فضیلت (-۱۳۹۷)
- معاون اداری و مالی دانشگاه سمنان (۱۳۹۶ از ابتدا تا آخر اسفند)
- دبیر اجرایی چهارمین کنفرانس تخصصی ترمودینامیک، دانشگاه سمنان (۱۳۹۴)
- سرپرست معاونت فرهنگی دانشگاه سمنان (۱۳۹۵-۱۳۹۳)
- مدیر گروه آموزشی مخازن هیدروکربوری (۱۳۹۴-۱۳۹۲)
- عضو شورای سیاستگذاری پردیس دانشگاه (بین الملل دانشگاه سمنان) (-۱۳۹۱)
- مسئول کمیته برنامه‌ریزی و سیاستگذاری بزرگداشت چهلمین سال تاسیس دانشگاه سمنان (۱۳۹۱)
- معاون دانشجویی دانشگاه سمنان (۱۳۹۶-۱۳۹۰)
- مسئول راه اندازی دانشکده مهندسی نفت پردیس علوم و فناوری‌های نوین دانشگاه (۱۳۹۴-۱۳۹۰)
- رئیس دفتر ریاست و روابط عمومی دانشگاه (۱۳۹۳-۱۳۸۹)
- مسئول تحصیلات تکمیلی دانشکده مهندسی شیمی، نفت و گاز (۱۳۹۰-۱۳۸۹)
- مدیر دفتر همکاری‌های علمی و بین المللی دانشگاه (۱۳۹۱-۱۳۸۹)
- مدیر گروه آموزشی طراحی فرآیندهای نفت (۱۳۹۴-۱۳۸۸)
- معاون دانشکده مهندسی شیمی، نفت و گاز (۱۳۹۰-۱۳۸۸)
- عضو هیات علمی دانشکده مهندسی شیمی، نفت و گاز، دانشگاه سمنان (۱۳۸۸-تاکنون).

- رئیس دانشکده فنی و مهندسی دانشگاه ملایر (۱۳۸۷-۱۳۸۵)
- معاون پژوهشی مجتمع آموزش عالی ملایر (۱۳۸۵-۱۳۸۴)
- معاون اداری و مالی مجتمع آموزش عالی ملایر (۱۳۸۲-۱۳۸۰)

سوابق تدریس

- ترمودینامیک مهندسی شیمی ۱
- ترمودینامیک مهندسی شیمی ۲
- شیمی فیزیک مهندسی
- مقدمات مهندسی نفت
- محاسبات مهندسی پالایش نفت
- روش‌های اندازه‌گیری
- ترمودینامیک پیشرفته
- روش‌های خاص جداسازی
- پدیده‌های سطحی
- سیالات حفاری

زمینه‌های تحقیقاتی

- فرایندهای جداسازی
- فرآیندهای غشایی
- ترمودینامیک
- خواص ترمودینامیکی سیالات مخزن
- ازدیاد برداشت نفت
- ذخیره‌سازی زیر سطحی گاز هیدروژن
- سیالات حفاری

اختراعات ثبت شده

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طرح‌های پژوهشی

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ب- مقالات علمی پژوهشی

- Nasiri, M., & Abdi, S. (**2024**). Fabrication and Performance Evaluation of the Polyamide Thin Film Composite Membrane in Desalination and Removal of Naproxen from Aqueous Solutions. *Applied Chemistry Today*, *19*(72), 339-362.

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