

بنام خدا



نام و نام خانوادگی: سید مجتبی صدر عاملی
سمت فعلی: استاد دانشکده مهندسی شیمی، گروه مهندسی انرژی، دانشگاه تربیت مدرس
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تلفن: ۸۲۸۸۴۹۰۲ فاکس: ۸۲۸۸۴۹۳۱
Email: sadrameli@modares.ac.ir

تحصیلات

دکتری: مهندسی شیمی، دانشگاه لیدز انگلستان، ۱۳۶۷
فوق لیسانس: مهندسی شیمی، دانشگاه لیدز انگلستان، ۱۳۶۳
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موضوعات مورد علاقه تحقیق

- انتقال حرارت، طراحی مبدل‌های حرارتی، طراحی فرآیند
- مدیریت انرژی با استفاده از مواد تغییر فاز
- مدیریت انرژی و صرفه جویی انرژی در صنایع و ساختمانها
- مدلسازی و شبیه سازی فرآیندهای شیمیایی و پتروشیمیایی
- تهیه زیست سوختها از مواد زاید

سوابق اجرایی

- استاد دانشگاه تربیت مدرس حال -۱۳۸۲
- دانشیار دانشگاه تربیت مدرس ۱۳۷۸-۱۳۸۲
- استادیار دانشگاه تربیت مدرس ۱۳۶۷-۱۳۷۸
- مدیر گروه فرایند- دانشگاه تربیت مدرس ۱۳۹۵-۱۳۹۶
- مدیر گروه فرآیند بخش مهندسی شیمی- دانشگاه تربیت مدرس ۱۳۷۵-۱۳۸۰
- رئیس بخش مهندسی شیمی- دانشگاه تربیت مدرس ۱۳۷۲-۱۳۷۰
- مدیر پروژه های صرفه جویی انرژی، وزارت نیرو، دفتر بهینه سازی مصرف انرژی ۱۳۷۷-۱۳۷۵
- مشاور پروژه های صرفه جویی انرژی در پالایشگاهها ۱۳۷۷-۱۳۷۵
- مدیر واحد منابع، امور بررسی و برآورد طرحهای پتروشیمی ۱۳۷۱-۱۳۶۹

پروژه های اجرا شده صنعتی

- طراحی فرایندی واحد اولفین امیرکبیر (همکار مدیر پروژه)
- مدیر پروژه کاهش سوخت و ضایعات در پتروشیمی اراک (مرکز مطالعات انرژی وزارت نفت) ۱۳۸۱
- مدیر پروژه بازیافت انرژی در صنایع شیشه (شورای پژوهشهای علمی کشور) ۱۳۸۰
- مدیر پروژه بهبود پایداری و افزایش راندمان سلول های خورشیدی پلیمری و یا پروسکایتی با استفاده از مواد تغییر فاز (صندوق حمایت از پژوهشگران) ۱۳۹۶
- مدیر پروژه طراحی و ساخت یگ دستگاه پخت نان به روش مستقیم هوای گرم (وزارت صنایع (۱۳۸۹)
- بهبود پایداری و افزایش راندمان سلول های خورشیدی پلیمری و یا پروسکایتی با استفاده از مواد تغییر فاز (صندوق حمایت از پژوهشگران و مخترعان ۱۳۹۸)

مقالات و کتب چاپ شده

دارای ۸۰ مقاله ژورنال، ۵۰ مقاله کنفرانس، ۴ کتاب چاپ شده

دوره های خارج از کشور

- تدریس درس بازیافت انرژی در صنایع و تحقیق در دانشگاه ETH (پلی تکنیک زوریخ) سوئیس، ۱۳۷۵
- تحقیق و تدریس در دانشگاه فلوریدای آمریکا ۱۳۸۵-۱۳۸۲
- تحقیق در زمینه تولید زیست سوختها، دانشگاه داکوتای شمالی، ۱۳۸۷-۱۳۸۵
- ارایه کارگاه آموزشی در دانشگاه عمان ۱۳۹۶

اختراعات داخلی و خارجی

Patents:

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