

روزمه علمی و تحقیقاتی

بابک مختارانی

مرتبه علمی: دانشیار

آدرس: تهران- کیلومتر ۱۷ اتوبان کرج- بلوار پژوهش- پژوهشگاه شیمی و مهندسی شیمی ایران

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تحصیلات:

- فوق دکتری مهندسی شیمی از دانشگاه کایزرس لاتن آلمان، ۱۳۸۶

- دکتری مهندسی شیمی از دانشگاه تربیت مدرس تهران، ۱۳۸۲

- کارشناسی ارشد مهندسی شیمی از دانشگاه تربیت مدرس تهران، ۱۳۷۶

- کارشناسی مهندسی شیمی از دانشگاه صنعت نفت اهواز، ۱۳۷۳

زمینه های مورد علاقه در تحقیق:

- بیوتکنولوژی

- مهندسی فرایند

- مهندسی محیط زیست (مدیریت پسماند، آلودگی هوا)

- ترمودینامیک و تعادل فازی

سوابق کاری:

- بورس تحقیقاتی Alexander Von Humboldt دپارتمان مهندسی شیمی در دانشگاه صنعتی برلین آلمان (۱۳۹۵)

- بورس تحقیقاتی Alexander Von Humboldt دپارتمان شیمی کاربردی در دانشگاه الدنیبورگ آلمان (۱۳۸۸)

- همکار تحقیقاتی در انتستیتو ترمودینامیک کاربردی در دانشگاه کایزرس لاتن آلمان (۱۳۸۱-۱۳۸۰)

پژوهه های صنعتی:

- جداسازی پروتئین های آب پنیر توسط سیستم های دو فازی آبی پلیمر - نمک (۱۳۸۹)

- حذف NMP از ضایعات فرایندی واحد بوتادی ان استایرن پتروشیمی بندر امام (۱۳۸۷)

- مدیریت مواد زائد صنعتی در مجتمع پتروشیمی بندر امام خمینی (۱۳۸۴)

- مدیریت مواد زائد صنعتی در منطقه اقتصادی انرژی پارس (۱۳۸۳)

- طراحی و شبیه سازی کوره های شکست حرارتی واحد الفین پتروشیمی بندر امام (۱۳۸۱)

- طراحی و شبیه سازی کوره های شکست حرارتی واحد الفین پتروشیمی اراک (۱۳۷۹)

- بهینه سازی و شبیه سازی کوره های شکست حرارتی واحد الفین پتروشیمی تبریز (۱۳۷۷)

- طراحی فرایندی کارخانه تولید پودر تولیپرس (۱۳۷۶)

- طراحی سیستمهای شبکه گازرانی صنعتی (۱۳۷۵)

سوابق تدریس:

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تالیف کتاب

مدیریت مواد زاید خطرناک، نادر مختارانی، سید محمد رضا علوی مقدم و بابک مختارانی، انتشارات جهاد دانشگاهی، ۱۳۸۶

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:کنفرانس‌های ارائه شده

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