

"بسمه تعالی"



اطلاعات شخصی:

نام: مهدی نام خانوادگی: بقایری تاریخ تولد: ۱۳۶۰ وضعیت تأهل: متاهل
میزان تحصیلات: دکتری شیمی تجزیه حوزه تحقیقاتی: الکتروشیمی مرتبه علمی: دانشیار

سوابق تحصیلی:

کارشناسی شیمی کاربردی، دانشگاه تبریز، سال ۱۳۷۹-۱۳۸۳
کارشناسی ارشد شیمی تجزیه، دانشگاه مازندران، سال ۱۳۸۳-۱۳۸۶
دکتری تخصصی شیمی تجزیه (گرایش الکتروشیمی تجزیه‌ای)، دانشگاه مازندران، سال ۱۳۸۷-۱۳۹۱

عنوان رساله در مقطع کارشناسی ارشد:

بررسی رفتار الکتروشیمیایی و کارایی الکتروود نیکل اصلاح شده با کمپلکس سالوفن، [فنیلن دی آمین (N) و N-بیس سالیسیدین]، در اکسایش متانول

عنوان رساله در مقطع دکتری:

اندازه گیری ولتامتری بعضی از ترکیبات بیولوژیکی گوگرد دار و کتکول آمین ها در سطح الکترودهای خمیر کربن و کربن شیشه ای اصلاح شده با برخی اصلاح گرهای آلی-فلزی، نانوذرات اکسید فلزی و نانولوله های کربنی

فعالیت های پژوهشی انجام شده:

۱- همکاری با دانشگاه علوم و تکنولوژی الکترونیک کشور چین در زمینه طراحی و ساخت حسگر ها و زیست حسگرهای الکتروشیمیایی (از سال ۲۰۲۰)

- ۲- همکاری با دانشگاه ژوهانسبورگ کشور افریقای جنوبی در زمینه طراحی و ساخت حسگرهای الکتروشیمیایی مواد غذایی (از سال ۲۰۲۱)
- ۳- اجرای طرح پژوهشی با عنوان "ساخت حسگرهای الکتروشیمیایی بر پایه نانوساختارهای کربنی و لیگاندهای آلی گزینش پذیر برای اندازه گیری یونهای فلزات سنگین تالیم و جیوه در آبهای محیطی" با حمایت معاونت علمی و فناوری ریاست جمهوری (۱۳۹۸)
- ۴- همکاری با دانشگاه آرهوس کشور دانمارک در زمینه توسعه و ساخت سنسورهای آنزیمی- دارویی (۱۳۸۹-۱۳۹۰)
- ۵- انجام پروژه تحقیقاتی در زمینه ساخت سنسور های دارویی در تشخیص بیماری های صرع و پارکینسون با همکاری ستاد توسعه زیست فناوری دانشگاه مازندران (۱۳۸۹-۱۳۹۰)
- ۶- انجام پروژه تحقیقاتی در زمینه ساخت سنسور های الکتروشیمیایی حساس به مواد مخدر با همکاری ستاد توسعه زیست فناوری دانشگاه مازندران (۱۳۹۰)
- ۷- کارشناس آزمایشگاه در سازمان انرژی اتمی ایران از سال ۱۳۸۴ تا ۱۳۸۶
- ۸- همکاری در انجام پروژه پیل سوختی سازمان انرژی اتمی ایران
- ۹- عضو گروه پیل سوختی سازمان انرژی اتمی ایران (۱۳۸۴ تا ۱۳۸۷)
- ۱۰- انجام پروژه تحقیقاتی در زمینه سنتز رنگدانه های معدنی شامل، فتالوسیانین های مس، آهن و کبالت در مقیاس آزمایشگاهی و صنعتی در دانشگاه تبریز
- ۱۱- همکاری با آزمایشگاه شیمی و بیوشیمی اداره آب و فاضلاب شهرستان سبزوار با تحقیق و بررسی در زمینه علل افزایش آلودگی منابع آب زیرزمینی شهرستان سبزوار
- ۱۲- اجرای طرح پژوهشی با عنوان "ساخت حسگرهای الکتروشیمیایی بر پایه نانوساختارهای کربنی و لیگاندهای آلی گزینش پذیر برای اندازه گیری یونهای فلزات سنگین تالیم و جیوه در آبهای محیطی" با حمایت معاونت علمی و فناوری ریاست جمهوری (۱۳۹۸)

دستاوردهای پژوهشی:

- ۱- کسب عنوان پژوهشگر ۱ درصد برتر دنیا در سال ۲۰۲۱
- ۲- کسب عنوان پژوهشگر ۲ درصد برتر دنیا در سالهای ۲۰۲۰ و ۲۰۲۱
- ۳- کسب عنوان پژوهشگر برتر در دانشگاه حکیم سبزواری در سال ۱۳۹۳
- ۴- کسب عنوان مقاله برتر در ستاد نانوفناوری ریاست جمهوری در سال ۱۳۹۳ در زمینه ساخت سنسورهای الکتروشیمیایی حساس به هیدروژن پراکساید.

۵- برنده جایزه مقاله برتر در ساخت سنسور الکتروشیمیایی حساس به ماده مخدر پتیدین از کنگره بین المللی کشف و آنالیز مواد مخدر (سالن همایش های بین المللی صدا و سیما، ۱۳۹۰).

سمت اجرایی در دانشگاه حکیم سبزواری:

مدیر گروه شیمی دانشکده علوم پایه، دانشگاه حکیم سبزواری (۱۳۹۴-۱۳۹۶)

دبیر کمیته ترفیع دانشگاه حکیم سبزواری (۱۳۹۸-۱۴۰۰)

رئیس دانشکده علوم پایه دانشگاه حکیم سبزواری از دی ماه ۱۴۰۰

استاد راهنمای دانشجویان ارشد، دکتری و پسا دکتری:

راهنمایی و مشاوره در بیش از ۳۰ پروژه کارشناسی ارشد

راهنمایی و مشاوره ۵ دانشجوی دکتری

راهنمایی ۲ دانشجوی پسا دکتری

راهنمایی ۱ دانشجوی پسا دکتری در غالب تفاهم نامه اعطای دوره پسادکتری صندوق حمایت از

پژوهشگران و فناوران کشور

عضویت در مجامع علمی و دانشگاهی:

۱- عضو انجمن شیمی ایران

۲- عضو انجمن شیمی امریکا

۳- عضو انجمن الکتروشیمی ایران و نماینده انجمن الکتروشیمی در دانشگاه حکیم سبزواری

۴- عضو ستاد توسعه فناوری نانو ریاست جمهوری

مقالات چاپ شده در مجلات علمی:

2023

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