

ابوالفضل اژدرپور

خلاصه سوابق

آدرس: اصفهان - دانشگاه علوم پزشکی اصفهان -

دانشکده بهداشت - گروه مهندسی بهداشت محیط

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وضعیت شغلی: استاد تمام و عضو هیئت علمی دانشگاه علوم پزشکی اصفهان گروه مهندسی بهداشت محیط

سوابق تحصیلی

□ ۱۳۸۷-۱۳۹۱ رتبه سوم آزمون دکتری دانشگاه تربیت مدرس

□ ۱۳۸۴-۱۳۸۶: کارشناسی ارشد مهندسی بهداشت محیط، دانشگاه تربیت مدرس.

□ ۱۳۸۱-۱۳۷۷: کارشناسی رشته مهندسی بهداشت محیط، دانشگاه علوم پزشکی ایران

□ کسب رتبه ۲ در آزمون سراسری کارشناسی ناپیوسته کشوری سال ۱۳۷۹

□ کسب رتبه اول فارغ التحصیل از دانشگاه تربیت مدرس سال ۱۳۸۶

فعالیت‌های اجرایی:

□ مدیر و رئیس گروه بخش مهندسی بهداشت محیط دانشگاه علوم پزشکی شیراز چهار سال سال ۹۵-۹۹

□ رئیس دانشکده بهداشت دانشگاه علوم پزشکی شیراز از سال ۱۳۹۰ تا ۱۳۹۳.

□ عضو هیات علمی گروه مهندسی بهداشت محیط دانشگاه علوم پزشکی اصفهان از سال ۱۳۹۴

□ رئیس کمیته اخلاق طرح‌های پژوهشی دانشکده بهداشت و تغذیه.

□ عضو شورای مرکزی برنامه ریزی دانشگاه علوم پزشکی شیراز

□ عضویت هیات علمی دانشگاه علوم پزشکی شیراز ۱۳ سال

□ رئیس کمیته EDC، کمیته ارزیابی و سنجش آموزش پزشکی

- عضو شورای ارتباط با صنعت دانشگاه
- عضو کمیته هم اندیشی اساتید دانشگاه
- کارشناس فنی معاونت بهره برداری شرکت آب و فاضلاب استان اصفهان سال ۸۷
- کارشناس آب مراکز بهداشت تهران و بوشهر

کتاب:

- ترجمه فصل ۷-۱۰ کتاب متکف چاپ جدید فایل الکترونیکی در ۵۵۰ صفحه
- تالیف کتاب طراحی و بهره برداری از سیستم راکتور منقطع متوالی SBR (حذف نیتروژن و فسفر)
- ترجمه کتاب تصفیه بیولوژیکی پسابهای صنعتی (حذف انواع آلاینده ها)
- ترجمه کتاب میکروبیولوژی محیطی
- ترجمه طراحی تصفیه خانه های فاضلاب جلد یک قصیم

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مقایسه کاربرد روش های شبکه عصبی مصنوعی و رگرسیون خطی چندمتغیره براساس تحلیل مؤلفه های اصلی برای پیش بینی غلظت میانگین روزانه کربن مونوکسید: بررسی موردی شهر تهران
روح الله نوری، ابوالفضل اژدرپور، خسرو اشرفی
مجله فیزیک زمین و فضا ۳۴ (۱)

مطالعات و پروژه های تحقیقاتی

- حذف سورفاکتانتهای آنیونی از فاضلاب شهری با استفاده از سیستم بیولوژیکی هوادهی ممتد با سیکل متناوب، پایان نامه کارشناسی ارشد
- تصفیه فاضلابهای روغنی با استفاده از باکتریهای تولیدکننده آنزیم لیپاز تثبیت شده در آلترینات کلسیم. رساله دکتری
- گیاه پالایی خاکهای آلوده به ترکیبات نفتی
- پاکسازی بیولوژیکی خاکهای آلوده به ترکیبات نفتی
- حذف نیترات از آب با استفاده از نانوذرات آهن تولیدی به روش سبز
- حذف متیل ترشیوبوتیل اتر از منابع آبی با نانوذرات و روشهای اکسیداسیون پیشرفته
- حذف مواد مغذی از فاضلاب شهری در یک راکتور ناپیوسته بی هوازی- هوازی- انوکسیک متوالی با جریان پیوسته
- پاکسازی خاکهای آلوده به ترکیبات نفتی با روش فیتورمدیاسیون تشدید شده با تنظیم کننده رشد
- حذف فسفات از فاضلاب در یک راکتور بی هوازی- هوازی اصلاح شده SBR جدید
- حذف رنگ با استفاده از پوکه معدنی اصلاح شده سال ۹۳
- پایش بیوآئروسلها در بیمارستانهای داراب و نورآباد ۹۳
- حذف آرسنیک از منابع آبی با استفاده از بیوفیلر باکتریهای آهن در ستون حاوی براده آهن
- تثبیت و آبیگری لجن با روش فنتون و بیولیچینگ
- حذف فلزات سنگین لجن با روش بیولیچینگ میکروبی
- حذف سورفاکتانتهای آنیونی با استفاده از کربن فعال بدست آمده از پوست بادام و پسته و احیای آن با استفاده از کوره های حرارتی و مایکروویو، پروژه کارشناسی ارشد
- بررسی عملکرد و تلندها در تصفیه فاضلابهای شهری و صنعتی، سمینار کارشناسی ارشد، بهار ۸۵
- بررسی استفاده از سیستم ازن زنی قبل از سیستم هوادهی لجن فعال در تصفیه خانه جنوب اصفهان، بهار ۸۶
- بررسی بهبود عملکرد حوضچه های دانه گیر تصفیه خانه شاهین شهر و جنوب اصفهان بهار ۸۶
- ارائه روشهای مختلف پردازش و دفع لجن حاصل از فاضلابهای شهری، سمینار کارشناسی دی ماه ۸۱

- بررسی بازیافت از مبدا کاغذ در صنایع چوب و کاغذ کشور، پروژه کارشناسی، پاییز ۸۱
- شرکت در پروژه انتقال فرآورده های نفتی ری - قوچک تهران بعنوان ناظر طرح

فعالیت‌های و دوره‌های آموزشی

- تدریس دروس
 - ✓ طراحی تصفیه خانه فاضلاب
 - ✓ بهره برداری از تاسیسات آب و فاضلاب
 - ✓ بیوتکنولوژی آب و فاضلاب با تاکید بر حذف الاینده های سمی و مواد مغذی
 - ✓ مدیریت منابع آب
 - ✓ میکروبیولوژی محیطی
 - ✓ کیفیت آب
 - ✓ ارزیابی ریسک خطرات بهداشتی
 - ✓ مدیریت بازیافت پساب

□

کنفرانس و همایش

- بررسی باکتریهای تولید کننده آنزیم لیپاز در تصفیه فاضلاب آنتالیا ترکیه
- بررسی تخم انگل و کلیفرم در لجن تصفیه خانه فاضلاب شیراز همایش شیراز
- بررسی نسبت کربن به نیتروژن به فسفر در راکتور سیکل متناوب همایش بوشهر ۹۳
- بررسی میزان مونوکسید کربن و هیدروکربن خروجی از اگزوز اتومبیل‌های بنزینی و گازسوز شیراز همایش بوشهر ۹۳
- بررسی رابطه مرگ و میر و بیماری‌های تنفسی ناشی از آلاینده های هوای شیراز همایش بهداشت محیط بوشهر ۹۳
- حذف سدیم دودسیل سولفات در مقیاس صنعتی از فاضلاب با استفاده از روش بیولوژیکی هوادهی ممتد با سیکل متناوب، همایش میکروبیولوژی دانشگاه الزهرا
- بررسی کاربرد سلولز در حذف فلزات سنگین از پساب سمینار شیمی و صنعت دانشگاه آزاد اسلامی سال ۸۴
- بررسی آمار سه ساله غلظت ذرات معلق و مونوکسید کربن در هوای شهر تهران، همایش محیط زیست دانشگاه تهران
- بررسی مقدماتی استفاده از کربن فعال در حذف سورفاکتانت آنیونی، همایش بهداشت محیط دانشگاه همدان
- تحلیل و بررسی غلظت مونوکسید کربن در هوای تهران، همایش بهداشت محیط دانشگاه اصفهان
- اثرات گاز رادن در معادن اورانیوم و محیط های رادن خیز، همایش محیط زیست و معدن
- بررسی تحلیلی آلاینده های شاخص آلودگی هوای تهران در سال ۸۴، همایش آلودگی هوا دانشگاه تربیت مدرس
- کاربرد ازن در تصفیه فاضلاب مجله خبری بهداشت و پزشکی روز دی ماه ۸۴ صفحه ۵.
- عضو کمیته علمی همایش ملی بهداشت محیط بوشهر

□ عضو کمیته علمی همایش ملی مدیریت پایدار منابع خاک و محیط زیست کرمان

□ همایشهای کشوری بهداشت محیط اصفهان، همدان، شهر کرد، کرمان ، یزد ، تبریز، بوشهر و ...