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| **تحصیلات** | کارشناسی,1375,شیمی کاربردی,دانشگاه تهران M.S,1379,شیمی معدنی,تربیت مدرس Ph.D ,1386,شیمی معدنی,تربیت مدرس |

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| **زمینه­های تخصصی**  **و حرفه­ای** |  |

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| **سوابق کاري و فعالیت های اجرایی** | مسئول بسیج اساتید دانشکده علوم مهندسی دانشکدگان فنی-(1401-1403) سرپرست گرایش دوره کارشناسی ارشد رشته آموزش مهندسی-(1399-1400) عضو انجمن آموزش مهندسی-(1397-1402) عضو انجمن شیمی ایران-(1381-1402) |
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| **فعالیت های علمی** | * مقالات   **- Molecular insight into water desalination mechanism through g-C3N4 nano-slit membranes: Effect of slit sizes, terminal groups, and number of layers. Madhoush Mohammad-Reza, Sarrafzadeh Mohammad Hossein, Hosseinian Serajehloo Akram (2023)., JOURNAL OF MOLECULAR LIQUIDS, 392(12), 123532.  - Fe3O4/Polystyrene-Alginate Nanocomposite as a Novel Adsorbent for Highly Efficient Removal of Dyes. Mohammadi Robab, Massoumi Bakhshali, Mashayekhi Ramin, Hosseinian Serajehloo Akram (2022)., IRANIAN JOURNAL OF CHEMISTRY & CHEMICAL ENGINEERING-INTERNATIONAL ENGLISH EDITION, 41(11).  - Foulant layer degradation of dye in Photocatalytic Membrane Reactor (PMR) containing immobilized and suspended NH2-MIL125(Ti) MOF led to water flux recovery. 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| **پایان نامه ها و رساله ها** | **- فرایند شکل گیری هویت حرفه ای دانشجویان مهندسی برق، مائده ادی بگ، اکرم حسینیان سراجه لو، کارشناسی ارشد، 1402/6/29   - چارچوب ارتقای محتوای آموزش کارشناسی مهندسی عمران با رویکرد انتقال مهارت های کارآفرینی، ارزو محمدی، اکرم حسینیان سراجه لو، کارشناسی ارشد، 1402/6/29   - کاربرد چارچوب آلی فلزی در سامانه های غشایی به منظور تصفیه پساب های حاوی دارو، الهام اسایش اردکانی، اکرم حسینیان سراجه لو، کارشناسی ارشد، 1402/11/25   - پیاده سازی الگوریتم های ژنتیک کوانتومی در دو بعد و تعمیم آن به ابعاد بالاتر کاربرد آن در سیستم های فیزیکی وشیمیایی، معین عطاری، اکرم حسینیان سراجه لو، کارشناسی ارشد، 1401/6/22   - بررسی کنترل پذیری هدفمند شبکه های پیچیده با استفاده گراف های کرونکر، محمد اصلاحی ثانی، اکرم حسینیان سراجه لو، کارشناسی ارشد، 1401/6/20   - طراحی دوره آموزشی جهت ارتقای عملکرد سازمان حفاظت محیط زیست در راستای نظارت بر فعالیت‌های معدنکاری، محسن مهدیخانی، اکرم حسینیان سراجه لو، کارشناسی ارشد، 1401/11/30   - ارائه الگوریتم موثر کاهش بعد در محیط کلان داده با استفاده از روش PCA، زهرا عدالت، اکرم حسینیان سراجه لو، کارشناسی ارشد، 1401/11/24   - سنتز و شناسایی نانوذارت الکترواکتیو بر پایه ی الیگومرهای آنیلین بارگذاری شده در پلیمر دماحساس بر پایه ی پلورونیک به منظور کاربرد در مهندسی بافت، سیدمحمد حبیبی شیراز، اکرم حسینیان سراجه لو، کارشناسی ارشد، 1399/7/5   - ارائه یک الگوریتم مدلسازی دینامیک مبتنی بر روش PCA مخصوص محیط های کلان داده، سارا زال، اکرم حسینیان سراجه لو، کارشناسی ارشد، 1399/7/30   - الگوریتم‌های کوانتومی در شبکه‌های عصبی، مهدی فراهانی، اکرم حسینیان سراجه لو، کارشناسی ارشد، 1399/7/30   - بهینه‌سازی مقید با محدودیت‌های فازی سازی شده از نامعادلات رابط فازی تعریف شده توسط t- نرمهای پیوسته، محسن قربانی، اکرم حسینیان سراجه لو، کارشناسی ارشد، 1399/7/30   - یادگیری وردشی از الگوریتم کوانتومی جستجوی گراور، پویا استوارراوری، اکرم حسینیان سراجه لو، کارشناسی ارشد، 1399/7/30   - اشتراک رمز کوانتومی از طریق اتومات‌های سلولی کوانتومی، سارا حاتمی، اکرم حسینیان سراجه لو، کارشناسی ارشد، 1399/7/30   - خوشه بندی و پیشبینی مسیر حرکت با استفاده از مقیاس های تشابه، علیرضا شفیعی کوشک، اکرم حسینیان سراجه لو، کارشناسی ارشد، 1399/7/29   - کشف شایعه با استفاده از افراد قابل اعتماد، کامیار میرزاقنبرپور، اکرم حسینیان سراجه لو، کارشناسی ارشد، 1399/7/27   - استفاده از یادگیری عمیق برای تحلیل قطبیت معنایی نوشته‌های کوتاه، سیدعماد حسینی دیزآبادی، اکرم حسینیان سراجه لو، کارشناسی ارشد، 1399/4/2   - طراحی و ساخت غشای فعال فوتوکاتالیستی جهت کاهش گرفتگی در فرآیند تصفیه فاضلاب، عباس احمدی، اکرم حسینیان سراجه لو، کارشناسی ارشد، 1398/6/20   - پیش بینی اثرات بیولوژیکی نانو ذرات با استفاده از روش های یادگیری ماشین و خواص آنها، آزیتا طاهری، اکرم حسینیان سراجه لو، کارشناسی ارشد، 1397/6/31   - ارائه روشی جدید مبتنی بر الگوریتم های بهینه سازی فرا ابتکار ی در حل مسائل بهینه سازی با محدویت های رابط فازی تعریف شده توسط t-norm های مینیم ،ضرب و لو کاسیه ویچ، ترانه آذرنژاد، اکرم حسینیان سراجه لو، کارشناسی ارشد، 1397/11/3   - خوشه بندی داده ها مبتنی بریک الگوریتم فرا ابتکاری جدید، راضیه ربیعی طرئی، اکرم حسینیان سراجه لو، کارشناسی ارشد، 1397/11/15   - تشخیص مولفه های همسان در یک شبکه با گرهای متفاوت توسط برنامه ریزی خطی، علیرضا پوراطمینان، اکرم حسینیان سراجه لو، کارشناسی ارشد، 1395/6/3   - یافتن دور همیلتن با تبدیل یال هاو راس ها، مظاهر پورقنبر، اکرم حسینیان سراجه لو، کارشناسی ارشد، 1393/11/8** |