بسم الله الرحمن الرحیم

مشخصات فردی:

نام	نام خانوادگی	تاریخ تولد	محل تولد	شماره ملی	ملیت	شماره تماس	پست الکترونیکی
حمید رضا	رجبی	۱۳۶۱	بهبهان	۱۸۶۱۲۵۱۹۶۳	ایرانی	۰۹۱۶۳۷۳۱۲۲۴	h.rajabi@mail.yu.ac.ir

آدرس محل کار: یاسوج- دانشگاه یاسوج-دانشکده علوم پایه- گروه شیمی- تلفن: ۰۷۴۳۱۰۰۴۰۰۰

سوابق تحصیلی:

میزان تحصیلات	رشته تحصیلی	محل تحصیل	سال ورود به دانشگاه	سال اخذ مدرک
کارشناسی	شیمی کاربردی	دانشگاه رازی کرمانشاه	۱۳۸۰	۱۳۸۴
کارشناسی ارشد	شیمی تجزیه	دانشگاه یاسوج	۱۳۸۴	۱۳۸۶
دکتری	شیمی تجزیه	دانشگاه رازی کرمانشاه	۱۳۸۶	۱۳۹۰

عنوان پایان نامه کارشناسی ارشد:

۱- بررسی پتانسیومتری تشکیل کمپلکس بین برخی از لیگاندهای اکسیمی با تعدادی از یون‌های فلزی واسطه و سنگین در محیط آبی

۲- تهیه الکترود گزینشگر یون پرکلرات برای اندازه گیری پرکلرات در نمونه های حقیقی شامل آب و ادرار انسان

۳- تعیین مقدار یون آهن(III) به روش اسپکتروفوتومتری در محیط

عنوان پایان نامه دکتری:

1. Preparation of novel nano-sized ion imprinted polymers for the selective determination of some transition and alkali metal ions.

2. Synthesis, characterizations and applications of nano-sized ZnS quantum dots: interaction study with BSA, determination of hazardous anions, and removal of pollutant dyes.

سوابق اجرایی:

ردیف	سمت	شروع	پایان
۱	رییس آزمایشگاه مرکزی دانشگاه یاسوج	۱۴۰۱	ادامه دارد
۲	عضو هیئت امنا پارک علم و فناوری منطقه ۶ کشور	۱۴۰۱	ادامه دارد
۳	عضو کمیسیون تخصصی دانشکده علوم پایه دانشگاه یاسوج	۱۴۰۲	۱۴۰۳
۴	معاون پژوهشی کانون بسیج اساتید دانشگاه یاسوج	۱۳۹۹	۱۴۰۰
۵	نماینده دانشگاه در طرح تدریس یا جهت گیری الهی	۱۴۰۲	ادامه دارد
۶	عضو شورای انتشارات دانشگاه یاسوج	۱۳۹۸	ادامه دارد
۷	عضو هیئت امنا موسسه دانا یاسوج	۱۴۰۱	ادامه دارد
۸	عضو هیئت امنا موسسه فراز گچساران	۱۴۰۱	ادامه دارد
۹	نماینده انجمن شیمی ایران در دانشگاه یاسوج	۱۳۹۸	ادامه دارد
۱۰	عضو کمیسیون تخصصی بنیاد ملی نخبگان	۱۴۰۲	ادامه دارد
۱۱	عضو کمسیون موارد خاص دانشگاه یاسوج	۱۴۰۱	ادامه دارد

جوایز و افتخارات:

۱- برگزیده علمی-پژوهشی بنیاد نخبگان

۲- برنده جایزه مرحوم کاظمی آشتیانی (ویژه استادیاران جوان) بنیاد ملی نخبگان

۳- جز ۲ درصد دانشمندان پراستناد جهان از سال ۲۰۲۰ تا کنون

۴- استاد نمونه دانشکده علوم پایه سال ۱۴۰۰

۵- استاد نمونه گروه شیمی سال ۱۴۰۲

زمینه های تحقیقاتی:

۱- سنتز، بررسی خصوصیات و کاربردهای تجزیه ای پلیمرهای قالب یونی و مولکولی
۲- سنتز و کاربردهای تجزیه ای نقاط کوانتمی به عنوان نانوفوتوکاتالیست ها و مطالعه برهم کنش آنها با ترکیبات زیستی و کاربرد آنها در اندازه گیری یون های فلزی
۳- بررسی های پتانسیومتری تشکیل کمپلکس و تهیه الکترودهای گزینشگر یونی
۴- کاربرد سورفکتانتها در روش های تجزیه ای
۵- سنتز و کاربرد نانوذرات مغناطیسی در شیمی تجزیه
۶- آنالیز تزریق در جریان

سوابق تدریس:

۱- شیمی عمومی ۱و۲
۲- شیمی تجزیه مهندسی
۳- شیمی تجزیه و آزمایشگاه
۴- شیمی تجزیه ۱و۲
۵- شیمی تجزیه دستگاهی
۶- شیمی تجزیه پیشرفته
۷- روشهای فیزیکی و شیمیایی جداسازی
۸- اسپکتروسکپی اتمی
۹- اسپکتروسکپی مولکولی
۱۰- تصفیه آب و آزمایشگاه
۱۱- آزمایشگاه شیمی عمومی ۱و۲
۱۲- آزمایشگاه تجزیه ۲و۱
۱۳- آزمایشگاه شیمی تجزیه دستگاهی

طرح های پژوهشی:

ردیف	فعالیت	نقش	کارفرما	شروع	خاتمه
۱	استخراج بیوسورفکتانها از گیاهان دارویی	مجری	دانشگاه یاسوج	۱۴۰۲	۱۴۰۳
۲	سنتز نانوفوتوکاتالیست های سبز برای تجزیه مواد آلاینده پالایشگاهی	مجری	جهاد دانشگاهی کرمانشاه	۱۳۹۳	۱۳۹۵
۳	سنتز و کاربرد نقاط کوانتومی جدید سولفید روی پوشش داده شده با عصاره گیاه به‌عنوان نانوفوتوکاتالیست‌های سبز و زیست سازگار با کارایی بالا جهت حذف برخی آلاینده های موجود در پساب پالایشگاهی	مجری	صندوق حمایت از فناوران و پژوهشگران کشور	۱۳۹۷	۱۳۹۹
۴	سنتز و کاربرد نانوساختارهای جدید برای اندازه گیری ترکیبات زیستی و حذف برخی آلاینده های صنعتی	مجری	شرکت پالایشگاه گاز بیدبلند خلیج فارس	۱۴۰۱	۱۴۰۲
۵	سنتز بسترهای کاتالیستی مبتنی بر گرافن اکساید برای بررسی جذب برخی آلاینده های پساب صنعتی پالایشگاه گاز بیدبلند خلیج فارس	مجری	شرکت پالایشگاه گاز بیدبلند خلیج فارس	۱۴۰۲	ادامه دارد

کتاب های چاپ شده:

۱. **نقاط کوانتومی؛ معرفی، سنتز و کاربردها، حمیدرضا رجبی، مجتبی شمسی پور، امید خانی، انتشارات دانشگاه یاسوج، ۱۳۹۳**

۲. **تصویربرداری فلورسانسی؛ مبانی و روش ها، وامشی کریشنا؛ ترجمه: حمیدرضا رجبی، ولی اله کشاورز، انتشارات دانشگاه یاسوج، ۱۳۹۵**

۳. **ناموفوتوکاتالیست ها؛ معرفی و کاربرد، فاطمه شاهرضایی، حمیدرضا رجبی، عباس همتی ازندریانی، امیرمحمد منصوری، انتشارات دانشگاه یاسوج، ۱۴۰۰**

۴. **نانوساختارها و نانومواد؛ سنتز، خواص و کاربردها؛ جوژونگ کائو؛ ترجمه: حمیدرضا رجبی، مجتبی فتحی، انتشارات دانشگاه یاسوج، ۱۴۰۰**

5. **HR Rajabi, Photocatalytic activity of quantum dots, Semiconductor Photocatalysis-Materials, Mechanisms and Applications, 2016.**
6. **Green Synthesis of Quantum Dots, 2024.**

مقالات پژوهشی چاپ شده در مجلات ISI:

1. F. Abedi, H.R. Rajabi, M. Roushani, Z. Rafiee, E. Rahmati, Mesoporous silica nanoparticles decorated with C3N4 framework as a novel electrocatalyst for the design of a selective clonazepam sensor, Journal of Materials Research and Technology 29 (2024), 5731-5740.
2. N. Khosravi, H. Charehgani, M. Abdollahi, H.R. Rajabi, Green synthesized silver nanoparticles using Malva Malva sylvestris as a potential management strategy for root-knot nematode Meloidogyne javanica on tomato Solanum lycopersicum, Journal of Crop Protection 12 (2023), 349-363.
3. H.R. Rajabi, Z.M. Alvand, A. Mirzaei, Sonochemical-assisted synthesis of copper oxide nanoparticles with the plant-mediated approach and comparative evaluation of some biological activities, Environmental Science and Pollution Research 30 (2023), 120236-120249
4. M Fathi, HR Rajabi, H Khajehsharifi, A Gorjizadeh Kohvadeh, Application of liquid-liquid microextraction based on deep eutectic solvent for preconcentration and spectrophotometric determination of purpurin, Applied Chemistry, 2023, in press
5. HR Rajabi, ZM Alvand, A Mirzaei, Sonochemical-assisted synthesis of copper oxide nanoparticles with the plant-mediated approach and comparative evaluation of some biological activities, Environmental Science and Pollution Research, 2023, 1-14, in press.
6. N Khosravi, H Charehgani, M Abdollahi, HR Rajabi, Green synthesized silver nanoparticles using Malva Malva sylvestris as a potential management strategy for root-knot nematode Meloidogyne javanica on tomato Solanum lycopersicum, Journal of Crop Protection 12 (2024), 349-363

7. S. Fakhraie, H.R. Rajabi, A. Rashidi, Fabrication and application of novel core–shell MIL-101 (Cr)@ UiO-66 (Zr) nanocrystals for highly selective separation of H2S and CO2, Chemical Engineering Journal 452, 139001, 2023.
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9. I. Setayeshfar, H.R. Rajabi, O. Khani, Application of flow injection analysis-solid phase extraction based on ion-pair formation for selective preconcentration of trace amount of anti-HIV drug, Microchemical Journal 177, 107245, 2022.
10. Z. Aryan, H.R. Rajabi, H. Khajehsharifi, O. Sheydaei, Highly selective determination of alanine in urine sample using a modified electrochemical sensor based on silica nanoparticles-imprinted polymer, Journal of the Iranian Chemical Society, 19 (2022), 4139–4148.
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12. V. Vatanpour, O Karatas, S Amiri, H.R. Rajabi, I. Koyuncu, A. Khataee, Different metal-doped ZnS quantum dots photocatalysts for enhancing the permeability and antifouling performances of polysulfone membranes with and without UV irradiation, Chemosphere 294, 133705, 2022.

13. K. Hooshyari, S. Heydari, H. Beydaghi, H.R. Rajabi, New nanocomposite membranes based on sulfonated poly (phthalazinone ether ketone) and Fe3O4@SiO2@ resorcinol–aldehyde–SO3H for PEMFCs, Renewable Energy 186 (2022) 115-125.
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16. S. Mirsadeghi, H. Zandavar, H.R. Rajabi, F. Sajadiasl, M.R. Ganjali, S.M. Pourmortazavi, Superior degradation of organic pollutants and H2O2 generation ability on environmentally-sound constructed Fe3O4-Cu nanocomposite, Journal of Materials Research and Technology 14 (2021) 808-821.
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