



مجتبی امینی

استاد

دانشکده: شیمی



### سوابق تحصیلی

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### اطلاعات استخدامی

محل خدمت	عنوان سمت	نوع استخدام	نوع همکاری	پایه
		رسمی قطعی	تمام وقت	

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## پایان نامه‌ها

۱. سنتز، شناسایی و کاربرد کمپلکس‌های دو هسته‌ای برخی فلزات واسطه ردیف اول به عنوان کاتالیزگر برای واکنش‌های حلقه‌افزایی آزید-آلکین و جفت شدن  $\text{A}^3$
۲. فعالیت کاتالیستی و بررسی سینتیکی کلاسترهای پلی اکسو فلزات جدید حاوی فلزات واسطه در برخی از واکنش‌های آلی
۳. سنتز و شناسایی نانوذرات کلسیم مس تیتانات ( $\text{CaCu}_3\text{Ti}_4\text{O}_{12}$ ) و کاربرد آنها به عنوان کاتالیزور در واکنش حلقه‌افزایی آزید-آلکین
۴. سنتز و شناسایی نانوذرات دو فلزی مس-پالادیم تثبیت شده بر روی بستر روی اکسید و کاربرد آنها به عنوان کاتالیست در واکنش‌های جفت شدن هک-میزورویکی
۵. سنتز و شناسایی نانو ذرات دو فلزی نیکل-پالادیم اکسید تثبیت شده بر روی بستر سریم-اکسید و کاربرد آن به عنوان کاتالیزور جهت سنتز پروپارژیل-آمین‌ها
۶. سنتز و شناسایی هیدروکسیدهای دولایه-ای حاوی مس و بررسی فعالیت کاتالیستی آنها در واکنش حلقه-افزایی آزید-آلکین
۷. سنتز و شناسایی نانوذرات مس تثبیت شده بر روی کربن فعال و کاربرد آنها به عنوان کاتالیست در واکنش حلقه‌افزایی آزید-آلکین

## کتاب‌ها

۱. اکسایش گزینش پذیر هیدروکربنها از آزمایشگاه تا صنعت