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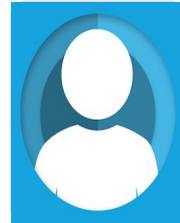
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امیررضا آزادمهر

دانشیار

دانشکده مهندسی معدن

گروه آموزشی اکتشاف معدن و فرآوری

رساله‌های دکتری

#	عنوان پایان‌نامه	توسط	تاریخ دفاع
1	بررسی عملکرد ورمیکولیت اصلاح شده در جذب و رهایش کنترل شده آنتی بیوتیک ها در محیط برون تنی	نونا سلیمانپور مقدم و امیررضا آزادمهر	خرداد 1400
2	جذب رقابتی یون های منگنز و روی با استفاده از باطله های زغال سنگ	رامین محمدی شیرکلایی و امیررضا آزادمهر	بهمن 1398
3	بهبود سازی فرایند phytomining فلزات با ارزش در باطله فراوری معدن مس سر چشمه	سمیرا طبسی و امیررضا آزادمهر	آبان 1396
4	بررسی کارایی باطله های معدن به عنوان جاذب سولفات و مدل سازی فرایند جذب	بهاره صادق الوعد و امیررضا آزادمهر	بهمن 1395

پایان‌نامه‌های کارشناسی ارشد

#	عنوان پایان‌نامه	توسط	تاریخ دفاع
1	امکان‌سنجی تهیه ژئوپلیمرها بر پایه پرلیت های البرز مرکزی به منظور کاربرد زیست محیطی	فرناز آقابیک و امیررضا آزادمهر	مهر 1400
2	بررسی‌های ژئوشیمیایی و زمین شناسی اقتصادی ذخیره ی مس پورفیبری کهنک با استفاده از روش های نوین	محمدعلی عابدینی و امیررضا آزادمهر	فروردین 1400

3	تهیه کامپوزیت بر پایه پیریت کارخانه فرآوری آهن زرنند برای حذف برخی آلودگی های زیست محیطی	علی اکبری و امیررضا آزادمهر	مهر 1398
4	تهیه کامپوزیت بر پایه شن و ماسه منطقه پاکدشت برای رفع آلودگی های زیست محیطی فسفات محلول	فرزانه عبدالملکی و امیررضا آزادمهر	مهر 1397
5	ارزیابی سنگ های اولترا مافیک معدن کرومیت فاریاب در حذف برخی از رنگدانه های صنعتی	مجید حیدری و امیررضا آزادمهر	مهر 1396
6	بررسی شرایط بهینه جذب و مدل جذبی کامپوزیت معدنی بر پایه نفلین سینیت منطقه کلبر برای حذف برخی از فلزات سنگین	سعیده اقبان و امیررضا آزادمهر	شهریور 1396
7	بررسی شرایط بهینه ی جذب و مدل جذبی باطله های سنگ های آهکی برای رفع آلودگی زیست محیطی مس و نیکل محلول	مهرشاد خاکپور و امیررضا آزادمهر	مهر 1395
8	بررسی سینتیک و ترمودینامیک جذب برخی از فلزات سنگین توسط کامپوزیت ورمکیولیت/آلژینیک	بهاره جم رتبه و امیررضا آزادمهر	مهر 1395
9	بررسی کارایی کامپوزیت بر پایه باطله بوکسیت کارخانه آلومینیوم جاجرم برای حذف آلودگی زیست محیطی نیترات	شایان فرخی و امیررضا آزادمهر	مهر 1395
10	سنتر و بررسی الکتروشیمیایی نانو ذرات اکسیدهای لایه ای نیکل منگنز غنی از لیتیم برای کاربرد در باتری های لیتیم - یون	جاوید مولایی ایل ذوله و امیررضا آزادمهر	مهر 1394
11	کارایی نفلین سینیت منطقه کلبر برای جذب برخی از فلزات سنگین	میلاد طهماسی پور و امیررضا آزادمهر	مهر 1394
12	شرایط بهینه و مدل جذبی کامپوزیت ورمیکولیت منطقه ی آذربایجان شرقی برای رفع آلودگی زیست محیطی نیکل و مس از پساب های صنعتی	سجاد قرین نشتیفانی و امیررضا آزادمهر	مهر 1394
13	شرایط بهینه جذب و مدل جذبی هماتیت معدن سنگان و اصلاح آن برای حذف رقابتی سرب و کادمیم از پسابهای صنعتی	نیایش خورشیدی و امیررضا آزادمهر	مهر 1393
14	ترمودینامیک و سینتیک جذب رقابتی کبالت و نیکل بر ژئولیت اصلاح شده با برخی از ترکیبات آلی	عاطفه حافظ فرقان و امیررضا آزادمهر	مهر 1393
15	بررسی کارایی نوب بازیک منطقه قزلجه کند شهرستان قروه، برای حذف رقابتی مس و کادمیم از پسابهای صنعتی	سارا سیفی و امیررضا آزادمهر	مهر 1393
16	بررسی شرایط بهینه جذب و مدل جذبی بنتونیت بیرجند در رفع آلودگی زیست محیطی نیکل از پساب آبهای صنعتی	سیدحسین متولیان و امیررضا آزادمهر	مهر 1392
17	بررسی کارایی و خصوصیات ژئولیت منطقه سمنان در رفع آلودگی زیست محیطی برخی از ترکیبات گوگرد دار	شیوا کریمی قلعه و امیررضا آزادمهر	مهر 1392
18	سنتر نانو پودر متخلخل اکسید منیزیم به روش هیدروترمال	عبدالله اللهوپردی زاده و امیررضا آزادمهر	مهر 1392
19	بررسی شرایط بهینه جذب و مدل جذبی بنتونیت منطقه بیرجند برای رفع آلودگی زیست محیطی کادیوم محلول	بهاره صادق الوعد و امیررضا آزادمهر	شهریور 1391
20	بازیابی اجزای فلزی قراضه سوپرآلیاژ پایه نیکل به روش پیش آماده سازی پیرومتالورژی و انحلال شیمیایی	زهرا کاظمی صومعه و امیررضا آزادمهر	مهر 1390
21	ساخت آند نانو ساختار TiO2 جهت استفاده در باتری های یون لیتیم	مجتبی پوربارانی و امیررضا آزادمهر	مهر 1390
22	اثر فلز نجیب بر خواص نانوکامپوزیت SnO2	فریبرز شریفیان جزئی و امیررضا آزادمهر	مهر 1390

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دروس ارائه شده

#	عنوان درس	توصیف درس	دوره سرفصل ها درسی
1	Analytical Methods in Minerals Science	Fundamental of quantitative and qualitative of chemical analysis - Introduction to analytical chemistry methods in minerals	Fall 2021
2	Application of Minerals in Industry	Introduction to the use of minerals and mineral industries	Fall 2021
3	Analytical Methods in Minerals Science	Fundamental of quantitative and qualitative of chemical analysis - Introduction to analytical chemistry methods in minerals	Spring 2021
4	Thermodynamic	Introduction to fundamental of thermodynamic	Spring 2021
5	Mine Laboratory Science	Introduction to separation and analytical methods of mineral compounds	Fall 2020
6	Thermodynamic	Introduction to fundamental of thermodynamic	Fall 2020

#	عنوان اختراع	شماره ثبت	کشور ثبت کننده	همکاران	تاریخ ثبت	تاریخ انقضا
	داده های ثبت شده در پورتال					
1	فرایند تولید نانو کامپوزیت AgSnO2 برای حسگر گازی	71646	Iran (Islamic Republic of)	فریبرز شریفیان جزی، نادر پروین، امیررضا آزادمهر، علیرضا مسعودیان، دانشگاه صنعتی امیر کبیر	1390/6/10	1410/9/10