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### رساله‌های دکتری

#	عنوان پایان‌نامه	توسط	تاریخ دفاع
1	سنتز مواد فعال سطحی بر پایه آلکیل گلوکزید با قابلیت زیست‌سازگاری و کاربرد آن در رنگرزی الیاف آگریلیک	نیما اسماعیلیان عمرآبادی و مختار آرامی	آبان 1397
2	بررسی تاثیر میکرو بلورهای سلولز بر خاصیت آب-تراوایی غشای نانو فیلتراسیون	فاطمه لسان و مختار آرامی	خرداد 1397
3	سنتز، شناسایی و بررسی رفتار حرارتی کوپلیمر پلی (اکریلونیتریل / آمونیوم متا اکریلات) به عنوان پیش ماده الیاف کربن	رضا چراغی و مختار آرامی	تبر 1396
4	بکارگیری روش های نانو فتوکاتالیستی و الکترو شیمیایی ترکیبی برای حذف آلاینده های رنگین پساب های نساجی	المیرا پژوتن و مختار آرامی	تبر 1393
5	اصلاح بیوپلیمر کیتوسان با نانو ساختار دندریمر و بررسی قابلیت رنگزدایی و خواص ضد میکروبی آن بر روی الیاف نساجی	موسی صادقی کیاخانی و مختار آرامی	آبان 1391
6	رنگبری پساب های نساجی حاوی رنگزاهای راکتیو بوسیله پرتودهی الکترونی	علی وحدت زاد و مختار آرامی	اسفند 1390
7	سنتز و بررسی خواص سطح فعال های دوقلوی کاتیونیک و کاربرد آنها در فرآیندهای رنگرزی	لیلا میوه ای و مختار آرامی	آبان 1389
8	حذف رنگ زا از محلول های آبی با استفاده از فتو کاتالیست کامپوزیتی نانو ذرات اکسید تیتانیوم و کربن فعال حاصل از پوسته کانولا	نیازمحمد محمودی و مختار آرامی	مهر 1389
9	حذف فلزات سنگین و ترفتالیک اسید از پسابهای صنایع پتروشیمی توسط فرایندهای الکتروشیمیایی و نانو فتوکاتالیست	اشرف شفائی و مختار آرامی	آبان 1388
10	سنتز و بررسی خواص رنگزای دیسپرس جدید با قابلیت هیدرولیز شونده در محیطهای قلیایی	کمال الدین قرنجیگ و مختار آرامی	خرداد 1386

#	عنوان پایان‌نامه	توسط	تاریخ دفاع
1	بهبود فرآیند فتوکاتالیستی حذف مواد رنگزا از پساب های نساجی با استفاده از نانو ذرات اکسید گرافن	عبدالله غلامی اکردی و مختار آرامی	اسفند 1394
2	تولید نانو الیاف پوسته مغزی کیتوسان / PCL حاوی دارو	ملیحه غزالیان و مختار آرامی	بهمن 1394
3	سنتز نانو ذرات گرافن اصلاح شده و بررسی قابلیت آن در حذف مواد آلی از محلول های آبی آناهیتا قاسم پور و مختار آرامی	مختار آرامی	مهر 1394
4	الکتروریسی PCL / ژلاتین / گرافن و بررسی خواص نانو الیاف حاصله	مینا حیدری و مختار آرامی	مهر 1394
5	تصفیه پساب های نساجی با استفاده از جاذب های معدنی اصلاح شده با نانو ساختارهای پرشاخه	فرناز شهامتی فرد و مختار آرامی	مهر 1394
6	تاثیر پارامترهای الکتروریسی روی قطر و خواص بیولوژیکی نانو الیاف تولید شده از PCL / کتیرا	زهرا زارع خلیلی و مختار آرامی	مهر 1394
7	الکتروریسی کیتوسان اصلاح شده توسط ایتاکونیک اسید / نقره	مینا توکلی دره و مختار آرامی	شهریور 1394
8	مطالعه اثر آرایش یافتگی نانو وب بر راندمان فیلتراسیون مایعات رنگی	جیران مسعودی و مختار آرامی	بهمن 1393
9	حذف رنگزای اسیدی از پساب های نساجی با استفاده از روش اکسیداسیون پیشرفته (نانو فتو کاتالیست / فنتون)	زهرا اسحق زاده و مختار آرامی	مهر 1393
10	اصلاح کیتوسان توسط اکریل آمید / دندریمر و الکتروریسی پلیمر اصلاح شده	شادی مشگ گو و مختار آرامی	تیر 1393
11	استخراج آلفا سلولز از ضایعات پنبه منطقه ترکمن صحرا و تهیه مشتقات آن (CMC)	احمد هیوه چی و مختار آرامی	تیر 1393
12	تولید غشاهای نانو لیفی از کویلیمر اکریلیکی و پلی آمیدی و عملکرد آن در حذف رنگزا از پساب های نساجی	پرستو فرجی و مختار آرامی	مهر 1392
13	بررسی خواص ضد میکروبی و جذب رنگ کالای نساجی عمل شده با نانو کامپوزیت کیتوسان-دندریمر پلی آمیدوآمین - مس و نقره	سحر اربابدیغ و مختار آرامی	مهر 1392
14	تولید و تعیین مشخصات نانوالیاف تغییر رنگ دهنده حساس به pH	ازینا نوشیروانی شریف اباد و مختار آرامی	مهر 1392
15	سنتز دندریمرها و اصلاح آن ها بوسیله ترکیبات نفتالیمیدی جهت تهیه مواد رنگزای فلورستی	محمد دودانگه و مختار آرامی	شهریور 1392
16	سنتز و بررسی خواص نرم کننده کاتیونی بر پایه استر_کوات و کاربرد آن در صنعت نساجی	نیما اسماعیلیان عمروبادی و مختار آرامی	شهریور 1392
17	مدیریت پساب آب در صنعت نساجی و ارائه راهکارها درجهت بهینه سازی مصرف آن و کاهش هزینه در صنعت نساجی	امیرحسین عابد کریمی و مختار آرامی	خرداد 1392
18	حذف مواد رنگزا از پسابهای رنگی با استفاده از نانو ذرات آهن اصلاح شده با مواد مختلف	الهام ناریان و مختار آرامی	آبان 1391
19	الکتروریسی سدیم آلجینات / پلی وینیل الکل و بررسی خواص بیولوژیکی نانو الیاف حاصله	مونا یزدان شناس و مختار آرامی	آبان 1391
20	اصلاح پلیمر طبیعی کیتوسان با ترکیبات آمینی ( سیانوریل کلراید) و کاربردهای آن بر روی الیاف پروتئینی	عطیه زرگرکاظمی و مختار آرامی	مهر 1391
21	حذف آلاینده های آلی و مواد رنگزا از پسابهای نساجی با استفاده از نانو لوله های کربنی اصلاح شده	جلیل قبادی و مختار آرامی	مهر 1391

1391	مهر	علیرضا ابراهیمی و مختار آرامی	حذف آلاینده های آلی و مواد رنگزا از پسابهای نساجی با استفاده از جاذب های طبیعی ( استخوان ماهی)
اسفند 1390		نگار تخت کوسه و مختار آرامی	23 جدا سازی رنگ اسیدی از پساب های نساجی توسط غشای پلی امید / کیتوسان
1390	آبان	تهمینه بهشتی و مختار آرامی	24 الکترو ریزی مشتقات کیتوسان و بررسی خواص ضد میکروبی نانو الیاف حاصل
1390	آبان	نادیا رحیمی تنها و مختار آرامی	25 الکترو ریزی کوپلیمر اکریلیک و بررسی تاثیر عوامل موثر روی اندازه ی تخلخل الیاف نانو حاصله
1390	آبان	مریم یزدانی و مختار آرامی	26 رنگبری پساب های رنگی نساجی با استفاده از جاذب معدنی در سیستمهای یک جزئی و دو جزئی و اصلاح سطح آن با نانو ذرات
1390	آبان	شوکا خرم فر و مختار آرامی	27 رنگبری پساب ه ای رنگی نساجی با فرآیند فتو کاتالیز در حضور نانو فوتو کاتالیست ترکیبی ناهمگن - همگن
بهمن 1389		محسن بهبهانی و مختار آرامی	28 بررسی حذف آنیون های مهم با استفاده از روش انعقاد الکتریکی
بهمن 1389		باقر حیاتی و مختار آرامی	29 حذف آلاینده های آلی و مواد رنگزا از پسابهای نساجی با استفاده از دندریمرها
1389	مهر	راضیه صالحی و مختار آرامی	30 حذف یک رنگزای اسیدی با استفاده از پلی ساکارید (کیتوسان) اصلاح شده بوسیله نانو ذرات از پساب نساجی
1389	شهریور	المیرا پژوتن و مختار آرامی	31 رنگبری پساب های نساجی حاوی رنگزاهای متال کمپلکس با استفاده از روش الکترو شیمیایی
اسفند 1388		مسعود اسدی حبیب و مختار آرامی	32 بررسی حذف فلزات سنگین از آب و فاضلاب با استفاده از روش انعقاد الکتریکی (با تاکید بر فلز کروم)
1388	دی	مهدی افاکثیری و مختار آرامی	33 حذف رنگزای اسیدی از پساب نساجی با استفاده از پروسه های فنتون و فوتوفنتون
1388	آذر	حسینیه باهری و مختار آرامی	34 تولید و کاربرد نانو الیاف کیتوسان/ نانو ذرات نقرهدر مهندسی بافت
1388	تیر	فرناز محسنی و مختار آرامی	35 تجزیه زیستی پساب حاوی رنگزاهای آزو
1388	تیر	مرضیه رنجبرمحمدی و مختار آرامی	36 عمل آوری پروتئینی با پلیمر طبیعی کیتوسان با استفاده از انیدیدهای آلی
1388	تیر	فاطمه دهقان نبیری و مختار آرامی	37 صمغ گیری و رنگزای الیاف ابریشم با استفاده از امواج مافوق صوت و بررسی پساب حاصل از فرایندهای مذکور
1387	آبان	نرگس اخلاقی و مختار آرامی	38 استاندارد و بهینه سازی پساب پروسه های تریک کارخانه نساجی تولید محصولات پنبه ای : مطالعه موردی
1387	مهر	مسعود امینی و مختار آرامی	39 تهیه نانوغشاء ها بر پایه پلی سولفون و بررسی عملکرد آنها در تصفیه پسابهای رنگی صنعت نساجی
1387	مهر	موسی صادقی کیاخانی و مختار آرامی	40 سنتز یک رنگزای جدید پایه نفتالیمیدی و بررسی خواص کلای پلی استر و مخلوط پشم / پلی استر رنگزای شده با آن
1387	مهر	سیدعطا ملجائی و مختار آرامی	41 رنگبری رنگزاهای آبی اسیدی 277 و قرمز اسیدی 377 از پساب نساجی با استفاده همزمان از روش الکترو شیمیایی و فوتو کاتا لیستی
اردیبهشت 1387		سعیده گل کار و مختار آرامی	42 سنتز رنگزای کاتیونیک آنتی میکروبیال بر پایه نفتال ایمید و بررسی خواص رنگزای و ضد میکروبی آن بر روی کلای اکریلیک
1386	آبان	سعیده داورپناه و مختار آرامی	43 وزندهی ابریشم ایرانی با پلیمرهای طبیعی (کیتین و آلجینات)
1386	مهر	حمید یوسف پورنوبید و مختار آرامی	44 سنتز رنگزای دیسپرس باقابلیت هیدرولیزشوندگی بر پایه سولفونیل فلوراید و بررسی خواص رنگزای آن روی پلی استر

45	اثر نور فرابنفش و اوزن روی خواص الیاف پلی پروپیلن	مجید نصیری برومند و مختار آرامی	مهر 1383
46	صمغ گیری ابریشم ایرانی با امواج مپکروویو و مقایسه بعضی از خواص فیزیکی و شیمیائی آن	فرشته مقیمی و مختار آرامی	آبان 1382
47	بررسی خصوصیات الیاف ابریشم گرفت شده بامونومرهای وینیلی	امیرحسین صالحی کوهستانی و مختار آرامی	مهر 1382
48	تصفیه و بازیابی مواد رنگزا دوباره مصرف آنها	رسول نفیسی و مختار آرامی	بهمن 1377
49	بررسی متد الکتروشیمیایی درت صفیه پس اب نساجی..	احمد اکبری و مختار آرامی	تیر 1376
50	بررسی سینتیک رنگری ابریشم باتعدادی از رنگ..	مهشید نخستین و مختار آرامی	تیر 1375
51	تثبیت در شکل فیلامینینالیون	الهام فلاحی و مختار آرامی	تیر 1375

## کتاب

#	عنوان	نگارندگان/مترجمان	کشور ناشر	تاریخ انتشار	نسخه
1	داده های ثبت شده در پورتال Survival and Sustainability: Environmental concerns in the 21st Century	بابک نوروزی, سیدهژیر بهرامی, مختار آرامی	United States	تیر 1390	1

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2	Nima Esmailian, Reza Mohammad Ali Malek, Mokhtar Arami, , Bahram Dabir, "-", <i>COLLOIDS AND SURFACES A-PHYSICOCHEMICAL AND ENGINEERING ASPECTS</i> , Vol. 552, Num. 0, Page 103-109, May 2018,				
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- 10 Zahra Eshagh Zadeh, Elmira Pajootan, S.Hajir Bahrami, Mokhtar Arami, "Facile synthesis of Fe<sub>3</sub>O<sub>4</sub> nanoparticles via aqueous based electro chemical route for heterogeneous electro-Fenton removal of azo dyes", *JOURNAL OF THE TAIWAN INSTITUTE OF CHEMICAL ENGINEERS*, Vol. 71, Num. 0, Page 91-105, November 2016,
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## اختراعات / ثبت پتنت

#	عنوان اختراع	شماره ثبت	کشور ثبت کننده	همکاران	تاریخ ثبت	تاریخ انقضا
	داده های ثبت شده در پورتال					
1	تولید هیومیک اسید ها از پساب کارخانجات تولید الفاسولوز	82611	Afghanistan	مختار آرامی، سید هژیر بهرامی، افضل کریمی، احمد هیوه چی	1392/10/11	1412/11/13
2	روش تلفیقی انعقاد الکتریکی / انعقاد شیمیایی در حذف کروم شش ظرفیتی	80656	-	سپیده صادقی، مختار آرامی، سید محمد رضا علوی مقدم، دانشگاه صنعتی امیرکبیر	1392/6/10	1412/3/12
3	سنتز فلداسپار اصلاح شده توسط سطح فعال کاتیونی و استفاده از آن به عنوان جاذب برای پاکسازی آلاینده های رنگی از فاضلاب	74133	Iran (Islamic Republic of)	مریم یزدانی، مختار آرامی، سید هژیر بهرامی	1390/11/12	-

1416/10/30	1390/10/11	مریم یزدانی، مختار آرامی، سید هژیر بهرامی	Iran (Islamic Republic (of	73374	استفاده از ماده معدنی ارزان قیمت فلداسپار به عنوان جاذب ارزان قیمت برای حذف مواد رنگزا از محلولهای آبی یک جزئی و دوجزئی	4
-	1389/10/11	شبنم صدری مقدم، سید محمد رضا علوی مقدم، مختار آرامی	Iran (Islamic Republic (of	68370	حذف رنگزای اسید قرمز 119 توسط پسماند واحد انعقاد و لخته سازی تصفیه خانه آب با پایه پلی آلومینیوم کلراید	5
-	1389/9/10	شبنم صدری مقدم، سید محمد رضا علوی مقدم، مختار آرامی	Iran (Islamic Republic (of	68132	استفاده مجدد از لجن تصفیه خانه آب جلالیه تهران به عنوان منعقدکننده بسیار ارزان قیمت در حذف رنگزای اسید قرمز 119	6
-	1389/8/10	ارمینه عزیزی، سید محمد رضا علوی مقدم، مختار آرامی	Iran (Islamic Republic (of	67639	حذف رنگزا با استفاده از لجن نهایی به دست آمده از صنایع چوب و کاغذ مازندران و خاکستر حاصل از آن	7
-	1389/8/10	ارمینه عزیزی، سید محمد رضا علوی مقدم، مختار آرامی	Iran (Islamic Republic (of	67638	استفاده از پسماند چوب صنایع چوب و کاغذ مازندران به عنوان جاذبی برای حذف رنگزای Reactive Blue 19	8
1390/8/10	1389/8/10	سید هژیر بهرامی، مختار آرامی، مرضیه رنجبر محمدی، نیاز محمد محمودی	Iran (Islamic Republic (of	67654	عمل آوری الیا ف پشم با پلیمر طبیعی کیتوسان با استفاده از انیدرید های آلی برای بهبود فرآیند های تکمیل	9
1407/6/11	1387/6/11	بابک نوروزی، سید هژیر بهرامی، مختار آرامی	Iran (Islamic Republic (of	38707204	جنب مواد رنگزا از پساب با استفاده از سفیره ابریشم	10
1407/2/12	1387/2/12	نیاز محمد محمودی، مختار آرامی	Iran (Islamic Republic (of	38702997	ساخت محلول هاضم برای اندازه گیری COD پسابهای رنگی به روش رفلکسی بسته و اسپکتر و فوتومتری	11
1407/2/12	1387/2/12	نیاز محمد محمودی، مختار آرامی	Iran (Islamic Republic (of	38702996	تبدیل فوتوکاتالیزی رنگزاها به اسید های کربوکسیلیک برای افزایش قابلیت تجزیه بیولوژیکی واقتصادی نمودن فرآیند تصفیه فوتو کاتالیزی پساب	12
1406/12/11	1386/12/11	کمال الدین قرنجیگ، موسی صادقی کیاخانی، مختار آرامی	Iran (Islamic Republic (of	38612459	ساخت یک ماده رنگزای مونو آزوی جدید با قابلیت رنگزای مخلوط الیاف پشم - پلی استر	13
1406/11/12	1386/11/12	نرگس یوسفی لیمائی، مختار آرامی، نیاز محمد محمودی	Iran (Islamic Republic (of	38611514	فرآیند رنگبری محلولهای رنگی صنایع نساجی با استفاده از جازب پوسته بلغور سویا	14
1406/11/12	1386/11/12	نیاز محمد محمودی، کاوه حسن رعیت طاری، شهین برهانی، مختار آرامی	Iran (Islamic Republic (of	38611520	رنگبری کامل محلولهای رنگی حاوی رنگزارهای نساجی با استفاده از فرآیند کاتالیز نوری همگن (فو تو فنتون) در راکتور ناپیوسته	15
1406/11/12	1386/11/12	نیاز محمد محمودی، مختار آرامی	Iran (Islamic Republic (of	38611513	ساخت فوتوراکتور پیوسته برای رنگبری پسابهای رنگی نساجی با فناوریهای اکسید اسیون پیشرفته.	16

1406/11/12	1386/11/12	نیازمحمد محمودی، مختار آرامی	Iran (Islamic Republic (of	38611516	17 رنگبری پسابهای رنگی نساجی با فرایند دو کاتالیسی هتروژن- هموزن در حضور تابش
1406/9/10	1386/9/10	موسی صادقی کیاخانی، مختار آرامی	Iran (Islamic Republic (of	38609932	18 ساخت یک ماده رنگزای دیسپرس جدید با قبابیت رنگزای الیاف پشم به رنگ زرد
1406/5/10	1386/5/10	علیرضا تهرانی بقاء، سیده‌هژیر بهرامی، برهمن موثق، مختار آرامی، سید حسین امیرشاهی	Iran (Islamic Republic (of	38606155	19 رنگزای الیاف اکریلیرباموار رنگزای کلیتونی و استفاده از سطح فعالهای دو قلو کایتونی برای یکنواخت کننده
1406/5/10	1386/5/10	علیرضا تهرانی بقاء، سیده‌هژیر بهرامی، برهمن موثق، مختار آرامی	Iran (Islamic Republic (of	38606153	20 تهیه و سنتز سطح فعال های دوقلو کایتونی با طول پل ارتباطی کوتاه
1406/5/10	1386/5/10	علیرضا تهرانی بقاء، سیده‌هژیر بهرامی، مختار آرامی	Iran (Islamic Republic (of	386061154	21 تهیه و سنتز سطح فعال های دوقلوی کایتونی ساده با طول ارتباطی بلند
1405/12/10	1385/12/10	نیازمحمد محمودی، مختار آرامی	Iran (Islamic Republic (of	38512416	22 ساخت فوتوراکتور کاتالیزوری با ذرات دی اکسید تیتانیوم تیتانیا ثابت شده باچسب پلیمر مناسب در جار داخلی آن برای رنگبری و تصفیه محلول های رنگی صنایع نساجی
1405/8/10	1385/8/10	کمال الدین فرنجیگ، مختار آرامی، شهره روحانی	Iran (Islamic Republic (of	38508542	23 ساخت متیل { 1 و 8 - نفتالیمید و } اتانوات آزو - N 4 و n دی اتیل آنیلین
1404/8/10	1384/8/10	سیده‌هژیر بهرامی، مختار آرامی	Iran (Islamic Republic (of	38408416	24 روش وزن دهی الیاف ابریشم با مونومرهای هیدروکسی اتیل وهیدروکسی پروپیل متاکریلات.