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رساله‌های دکتری

#	عنوان پایان‌نامه	توسط	تاریخ دفاع
1	پخت سامانه اکریلاتی-اپوکسیدی نوریخت با استفاده از شروع کننده های سه جزئی حاوی نانو پیگمنت	عاطفه نژادابراهیم و مرتضی ابراهیمی	آذر 1399
2	بررسی پایداری جوهر رسانا حاوی نانو ذرات نقره تهیه شده با احیا کننده های متفاوت و تعیین سینتیک فرایند سینترینگ	مینا اهتی و مرتضی ابراهیمی	مهر 1399
3	سنتز دی ستیل پروکسی دی کربنات در میکرو راکتور برای تهیه PVC	ندا اعلا و مرتضی ابراهیمی	مهر 1399
4	سنتز پراکنه های پلی یورتان آب پایه خود شبکه ای شونده تاخیر انداز شعله برای پوشش دهی چرم	سیده فرزانه طباطبائی حسینی و مرتضی ابراهیمی	فروردین 1398
5	بررسی و تحلیل ویژگی خود ترمیم شوندگی پوشش بر پایه اپوکسی با استفاده از میکرو کپسول های آمینو رزینی حاوی مواد پخت شونده با نور	امیر خلج اسعدی و مرتضی ابراهیمی	دی 1396
6	بررسی اثر مونومرهای اکریلاتی بر میزان پخت و خواص در سیستم های اپوکسی اکریلاتی پخت شونده UV حاوی رنگ دانه دی اکسید تیتانیوم	پونه کاردر و مرتضی ابراهیمی	آبان 1392
7	سنتز پلی آنیلین - نانو کلی (clay) در محیط دی اکسید کربن فوق بحرانی به منظور کاربرد در پوشش های اپوکسی غنی از روی	اسمعیل اکبری نژاد و مرتضی ابراهیمی	بهمن 1390

پایان‌نامه‌های کارشناسی ارشد

#	عنوان پایان‌نامه	توسط	تاریخ دفاع
1	سنتز نانو پیگمنت هیبریدی بر پایه نانو رس و بررسی امکان استفاده از آن در جوهر چاپ	میترا امیری و مرتضی ابراهیمی	دی 1399

2	بررسی بهبود خواص سدگری فیلم های پلیمری توسط پوشش حاوی مشتقات گرافن	علی امیرآبادیزاده و مرتضی ابراهیمی	دی 1399
3	تهیه و بررسی سامانه رزین پلی استر پلی ال / پلی ایزوسیانات مناسب برای رنگ های تعمیراتی خودرو	لیلی نیک نفس و مرتضی ابراهیمی	دی 1399
4	تهیه میکروکپسول های حاوی مواد تغییر فاز دهنده و استفاده از آنها در پوشش سطوح	عطیه عادل نیا و مرتضی ابراهیمی	بهمن 1398
5	بهبود چاپ پذیری آمیزه ی پلی اتیلن سبک شبکه ای شده	نوید مستوفی سرکاری و مرتضی ابراهیمی	خرداد 1398
6	سنتز الیگومر آکریلاتی بر پایه روغن گیاهی و استفاده از آن در فرمولاسیون پوشش پخت شونده با پرتو فرابنفش	پریسا نجمی و مرتضی ابراهیمی	بهمن 1397
7	تهیه و ارزیابی میکروکپسول پلی یورتان/ایزوسیانات حاوی نانو سیلیکا به عنوان عامل ترمیم کننده	محمود شریعتمدار و مرتضی ابراهیمی	مهر 1397
8	بررسی تاثیر نوع آماده سازی فلز فولاد بر مقاومت به خوردگی پوشش های اپوکسی/پرک شیشه	سینا یزدانی و مرتضی ابراهیمی	تیر 1397
9	بهبود سازی پارامتر های موثر بر واکنش پذیری رزین های ملامین-فرمالدئید محلول در آب ، پخت شونده با دیسپرسیون های پایه ابی پلی استر	علی زمانی ایبانه و مرتضی ابراهیمی	تیر 1397
10	بررسی ساختار، خواص و روش های سنتز فلوکولانت های بر پایه ی پلی آکریل آمید	اتنا افریده اله و مرتضی ابراهیمی	بهمن 1396
11	بررسی خواص الکتریکی و مکانیکی نانوکامپوزیت های گرافن/یورتان اکریلات پخت شونده با اشعه ی فرابنفش	بهزاد صنعتی کلوخی و مرتضی ابراهیمی	شهریور 1396
12	سنتز نانو کامپوزیت پلی استر- سیلیکا رقیق شونده با آب قابل پخت با ملامین	سیدامیرعلی مصطفوی موسوی و مرتضی ابراهیمی	بهمن 1395
13	تهیه نانوکامپوزیت پلی آنیلین- اکسید گرافن و استفاده از آن در یک پوشش اپوکسی غنی از روی به منظور بهبود مقاومت به خوردگی	بهاره میری رامشه و مرتضی ابراهیمی	بهمن 1395
14	تهیه نانو کامپوزیت اپوکسی / نانوپایگمنت و استفاده از آن در فرمولاسیون پوشش های پودری	علی محمودی گهرئوی و مرتضی ابراهیمی	شهریور 1395
15	بررسی سینتیک پخت نانوکامپوزیت های تابش پز اپوکسی آکریلات/سیلیکای اصلاح شده	مهسا قلی پور و مرتضی ابراهیمی	شهریور 1395
16	بررسی تاثیر نانو کلی و اجزاء پف کننده بر خواص خوردگی پوشش های ضد آتش پف کننده بر پایه اپوکسی	محسن محمدنژاد و مرتضی ابراهیمی	بهمن 1394
17	امولسیون سازی واکس در آب به عنوان عامل جداکننده مورد مصرف در صنایع چرم	شقایق فاضلی ثانی و مرتضی ابراهیمی	بهمن 1394
18	بهبود خواص مکانیکی سامانه پلی استر-ملامین با استفاده از ذرات نانو سیلیکا کروی و سیلیکات لایه ای	صلاح علیزاده و مرتضی ابراهیمی	بهمن 1393
19	بررسی مقایسه ای سنتز رزین اپوکسی آکریلات در یک میکرو راکتور لوله ای و راکتور ناپیوسته	داریوش بهرامیان و مرتضی ابراهیمی	بهمن 1393
20	بررسی تخریب حرارتی نانوکامپوزیت های پلی یورتانی ترموپلاستیک الاستومر	مصطفی غلامی و مرتضی ابراهیمی	خرداد 1393
21	سنتز رزین پلی استر اکریلات پخت شونده با اشعه فرابنفش (UV) حاوی ذرات نانوسیلیکا	مسعود میکاییلی و مرتضی ابراهیمی	بهمن 1392
22	تهیه و بررسی خواص فرمولاسیون اپوکسی ضد حریق پف کننده حاوی نانو سیلیس و نانو هیدروکسیدهای دوتایی لایه ای (nanometer layer double hydroxides)	الهه کوخواهی و مرتضی ابراهیمی	مهر 1392
23	بررسی اقر عامل شبکه ای کننده (crosslink agent) ، و ترکیب درصد مونومر در رزین اکریلاتی امولسیون روی زمان خشک شدن رنگ تراقیکی حاصله	اعظم السادات سرداری زرندی و مرتضی ابراهیمی	مهر 1392

24	تهیه پراکنه های نیتروسولوز پایه ابی حاوی نانو ذرات سیلیکا	فاطمه فلاح و مرتضی ابراهیمی	مهر 1392
25	بررسی عوامل ساختاری و شرایط فرایندی موثر بر خواص مکانیکی کامپوزیت های بر پایه ی رزین های سیلیکونی	رضا رضایی و مرتضی ابراهیمی	مهر 1392
26	سنتر نانو کامپوزیت پلی آتیلین گرافیت به منظور کاربرد در پرایمر اپوکسی ضد خوردگی	محمد ابراهیمی و مرتضی ابراهیمی	شهریور 1392
27	بهبود مقاومت حرارتی و مکانیکی رزین اپوکسی با استفاده همزمان نانو ذرات Sio2/expandable garaphite	ارزو ممانی و مرتضی ابراهیمی	اردیبهشت 1392
28	بررسی سینتیکی سنتر رزین اپوکسی آکریلات بر مبنای اپوکسی سیکلو آلیفاتیک و استفاده از آن در تهیه نانو کامپوزیت اپوکسی- آکریلات/ نانو سیلیکا	طلایه جلالی و مرتضی ابراهیمی	اسفند 1391
29	تهیه کامپوزیت رزین سیلیکونی الیاف شیشه	علیرضا نامجو و مرتضی ابراهیمی	آبان 1391
30	طراحی و ساخت میکروراکتور پلیمریزاسیون مونومرهای آکریلاتی بر اساس مدلسازی و مقایسه آن با راکتور های معمولی	حسام نیک فزان و مرتضی ابراهیمی	مهر 1391
31	((تهیه رزین اکریلات مس و بررسی رفتار خود صیقل آن در پوشش ضد خزه	سیدحسین ایمان دوست و مرتضی ابراهیمی	اسفند 1390
32	بررسی اثر نانو کلی و نانوسیلیکا بر خواص فیزیکی - مکانیکی و مقاومت خوردگی نانو پوشش کامپوزیتی بر پایه رزین اپوکسی وینیل استر	مهدی بهشتی و مرتضی ابراهیمی	بهمن 1390
33	سنتر کریستال مایع کلستریک پلیمری زنجیر - جانبی برپایه آکریلیک و بررسی اثر مونومرهای کایرال و غیر کایرال روی خواص اپتیکی و رفتار مزومورفیک	مهدی روح نیکان و مرتضی ابراهیمی	بهمن 1390
34	سنتر و بررسی خواص رزین سیلیس اکریلات مصرفی در پوشش ضد خزه خود صیقل	عمران صیدان و مرتضی ابراهیمی	اسفند 1389
35	تهیه نانو کامپوزیت های سیلیکونی - سیلیکا به عنوان سیستم های خزه جدا	ابراهیم ریسی نافچی و مرتضی ابراهیمی	اسفند 1389
36	بررسی اثر ذرات نانوکلی (O-MMT) بر سینتیک پخت رزین اپوکسی	فاطمه فردوسیان و مرتضی ابراهیمی	آذر 1388
37	سنتر رزین یورتان اکریلات پخت شونده با UV و بررسی اثر یک نوع نانو ذره کروی بر مقاومت خراش و شرایط پخت آن	قدسیه مشعوف رودسری و مرتضی ابراهیمی	شهریور 1388
38	تهیه سیستم هیبرید آلکید/آکریلیک امولسیون به روش پلیمریزاسیون مینی امولسیون عاری از امولسیفایر	محمد خزایی و مرتضی ابراهیمی	تیر 1388
39	تهیه رزین اپوکسی - نانو ذرات و بررسی خواص فیزیکی مکانیکی پوشش پودری حاصل از آن	مهرداد شرح شریفی و مرتضی ابراهیمی	اسفند 1387
40	بررسی خواص مکانیکی روکشهای رها کننده خزه (F.R) بر پایه رزینهای سیلیکونی دو جزئی با افزودن ذرات نانوی صفحه ای و کروی	حمیدرضا اله وکیل و مرتضی ابراهیمی	شهریور 1387
41	بررسی سینتیکی و سنتر رزین آکریلات اپوکسی پخت شوند باUV	پونه کاردر و مرتضی ابراهیمی	مهر 1386
42	چقرمه سازی رزین اپوکسی بااستفاده از فاز الاستومری اکریلیکی	احسان رضازاده مافی و مرتضی ابراهیمی	اسفند 1385
43	بررسی سینتیکی سنتر رزین اپوکسی وینیل استر	گلرخ حیدری همدانی و مرتضی ابراهیمی	اسفند 1384
44	بررسی اثر شرایط فرایندی و موادی بر دانستیه شبکه ای شدن و خواص فیزیکی مکانیکی پوشش بر پایه رزین اکریلیک اپوکسی	اکرم احمدی و مرتضی ابراهیمی	اسفند 1384
45	اصلاح یک کوپلیمر آکریلیک حاوی گروههای آزاد کربوکسیلیک اسید قابل استفاده در رنگهای ضد خزه	سیداحسان قتادیان لادانی و مرتضی ابراهیمی	خرداد 1384

46	بررسی اثر برخی از پارامترهای موادی و فرایندی در طی انجام واکنش های بسپارش و وابسپارش همزمان پلی اتیلن ترفینالات بر خواص	محمد مهدی برفه ئی و مرتضی ابراهیمی	اسفند 1383
47	بررسی اثر تنش روی خواص چسبندگی و پوست گیر و کشهای سطح خودروبی	نعیمه شیراگری و مرتضی ابراهیمی	اسفند 1382
48	بررسی اثر ترکیب در صد ونحوه افزودن منومر هادریلیمریزاسیون امولسیون	الهه صحت و مرتضی ابراهیمی	اسفند 1382
49	تهیه رزین الکید- اکریلیک رقیق شونده با آب با مقاومت هیدرولیتیک بالا	اسمعیل اکبری نژاد و مرتضی ابراهیمی	اسفند 1381

کتاب

#	عنوان	نگارندگان/مترجمان	کشور ناشر	تاریخ انتشار	نسخه
داده های ثبت شده در پورتال					
1	مبانی علوم و تکنولوژی پلی وینیل کلراید (پی وی سی)	مرتضی ابراهیمی , رزا خاکباز	ایران	دی 1389	1
2	رزین ها و پوشش های پایه آبی (روش تهیه، فرمولاسیون و کاربرد)	مرتضی ابراهیمی , سید محمود کثیریه, اسمعیل اکبری نژاد	ایران	خرداد 1392	2
3	Crosslinkable Polyethylene Based Blends and Nanocomposites Chapter 14 : Risks and Limitations Associated with XLPE Nanocomposites and Blends	نوید مستوفی سرکاری, سیدمحسن محسنی, مرتضی ابراهیمی	United States	اردیبهشت 1400	1
4	رزین ها و پوشش های پایه آبی (روش تهیه فرمولاسیون و کاربرد)	مرتضی ابراهیمی , سید محمود کثیریه, اسمعیل اکبری نژاد	ایران	مهر 1386	1
5	پوشش های تابش پز شیمی و فناوری	سعید باستانی, مرتضی ابراهیمی , پونه کاردر	ایران	فروردین 1397	1

مقالات ژورنال

داده های ثبت شده در پورتال					
1	Sahar Abdollahi Baghban, Morteza Ebrahimi, Manouchehr Khorasani, Shadab Bagheri, "Self-stratifying behavior of a novel light-curable coating with gradient hydrophobic properties: Computational and experimental study", <i>PROGRESS IN ORGANIC COATINGS</i> , Vol. 159, Num. 106435, Page 1-15, July 2021,				
2	, Farhad Sharif, Morteza Ebrahimi, "Bioinspired pressure-sensitive adhesive: evaluation of the effect of dopamine methacrylamide comonomer as a general property modifier using molecular dynamics simulation", <i>RSC Advances</i> , Vol. 11, Num. 6, Page 20557-20569, June 2021,				
3	, Farhad Sharif, Morteza Ebrahimi, "A molecular dynamics study on the role of oxygen-containing functional groups on the adhesion of polymeric films to the aluminum surface", <i>FLUID PHASE EQUILIBRIA</i> , Vol. 536, Num. 5, Page 112966-112966, May 2021,				
4	Sahar Abdollahi Baghban, Morteza Ebrahimi, Shadab Bagheri, Manouchehr Khorasani, "A highly efficient microwave-assisted synthesis of an LED-curable methacrylated gelatin for bio applications", <i>RSC Advances</i> , Vol. 11, Num. 4, Page 14996-15009, April 2021,				
5	Hassan Ghermezcheshme, Hesam Makki, Seyed Mohsen Mohseni, Morteza Ebrahimi, "Hydrophilic dangling chain interfacial segregation in polyurethane networks at aqueous interfaces and its underlying mechanisms: molecular dynamics simulations", <i>PHYSICAL CHEMISTRY CHEMICAL PHYSICS</i> , Vol. 22, Num. 11, Page 26351-26363, November 2020,				

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- 9 Zahra Noroozi, Behbood Mohebbi, Morteza Ebrahimi, M. Petri?, "The role of olive leaf extract and nanoparticles incorporation in polyacrylate coating structure on surface properties of heat treated wood during natural weathering", , Vol. 73, Num. 1, Page 1-12, May 2020,
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- 12 Neda Aala, Morteza Ebrahimi, Faramarz Afshar Taromi, "A comprehensive study on the synthesis of highly pure dicetyl peroxydicarbonate in a microreactor", *CHEMICAL ENGINEERING AND PROCESSING-Process Intensification*, Vol. 147, Num. 11, Page 107741-107741, November 2019,
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1 Adv. Kinetics & Reactor Design	Improving the capability of students in the field of kinetics and chemical reaction engineering	 Fall 2021
2 Surface Coating Resins	Understanding the basic concepts of resin for surface coatings and learning the chemistry, production process and properties of resins	 Fall 2021
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داده های ثبت شده در پورتال						
1	بهبود مقاومت به خراش رزین یورتان اکریلات پخت شونده با اشعه ماوراء بنفش با استفاده از نانو ذرات	66595	Iran (Islamic Republic of)	قدسیه مشعوف رودسری، مرتضی ابراهیمی، سعید باستانی	1389/6/10	-
2	تت تهیه پوشش های مقاوم در برابر خراش بر پایه رزین های اپوکسی اکریلات سخت شونده با uv با استفاده از نانوی ذرات آلومینا	387061202	Iran (Islamic Republic of)	پونه کاردر، مرتضی ابراهیمی، سعید باستانی، دانشگاه امیرکبیر	1387/6/11	1407/6/11
3	فرمول بندی پوشش های اپوکسی اکریلات پخت شونده با uv	38611164	Iran (Islamic Republic of)	سعید باستانی، پونه کاردر، مرتضی ابراهیمی، دانشگاه امیرکبیر	1386/10/11	1406/10/11
4	تهیه رزین های اپوکسی اکریلات بخت شونده با uv	38611165	Iran (Islamic Republic of)	مرتضی ابراهیمی، سعید باستانی، پونه کاردر، دانشگاه امیرکبیر	1386/10/11	1406/10/11