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رساله‌های دکتری

#	عنوان پایان‌نامه	توسط	تاریخ دفاع
1	مشخصه‌یابی کامپوزیت پایه دی‌بورید زیرکونیم تف جوشی شده به روش پلاسمای جرقه‌ای با سنتز درجای فاز(های) تقویت کننده کاربیدی	بهزاد ناییب و نادر پروین	اسفند 1399
2	ساخت و مشخصه‌یابی داربست های نانو لیفی برپایه پلی کاپرولاکتون متاکریلات باقابلیت حافظه داری به روش الکتروریسی	محدثه زارع و نادر پروین	دی 1398
3	بررسی رفتار سایشی - خوردگی پوشش نانو کامپوزیتی اکسیدکروم- کاربید سیلیسیوم - اکسید زیرکونیوم ایجاد شده به روش پاشش پلاسمایی	سیدمهدی هاشمی و نادر پروین	بهمن 1397
4	سنتز، مشخصه‌یابی و ارزیابی خواص فیزیک و شیمیایی، زیستی و آنتی باکتریال نانو شیشه های زیست فعال حاوی اکسید استرانسیم به روش سل ژل	فریبرز شریفیان جزئی و آبان نادر پروین	1396
5	اثر عوامل فرایند ذوب لیزری انتخابی بر ساختار و خواص مکانیکی داربست استخوانی نیکل - تیتانیم متخلخل	سعید خادم زاده و نادر پروین	فروردین 1395
6	توسعه نانو کامپوزیت های زمینه آلومینیومی AA1050 با روش نوین پرس جمعی پیوندی	سجاد امیرخانلو و نادر پروین	اسفند 1393

پایان‌نامه‌های کارشناسی ارشد

#	عنوان پایان‌نامه	توسط	تاریخ دفاع
1	ساخت و مشخصه‌یابی پودر و تخمیر لحیم کاری سخت پایه نیکل به منظور بازسازی سوپر آلیاژهای نبروگاهی	علی زندی فر و نادر پروین	شهریور 1400

2	سنتر و مشخصه یابی نانوپودر پایه نیکل در لحیم کاری سخت قطعات توربین گازی و مطالعه تأثیرات عناصر افزودنی بر خواص آن	سیدعمادالدین حسینی و نادر شهرپور پروین 1399
3	سنتر مشخصه یابی و سمیت سنجی نانو ذرات هسته- پوسته $Co_1-xNi_xFe_2O_4$ پلیمر به روش سل- ژل	امیرحسین اسمعیل خانیان و بهمن نادر پروین 1398
4	سنتر و مشخصه یابی خواص شیشه زیست فعال حاوی اکسید روی و اکسید استرانسیم به روش سل- ژل	زهرا گودرزی و نادر پروین 1398
5	تأثیر عوامل فرآیند تولید بر عبورپذیری و خواص مکانیکی فیلتر فلزی فولاد زنگ نزن L316	حامد غلام زاده و نادر پروین اردیبهشت 1398
6	تأثیر مواد فعال کننده بر قابلیت تراکم پذیری و تفجوشی فولاد متخلل X2CrNiMo18 به روش متالورژی پودر	امیر ایجادی و نادر پروین فروردین 1398
7	تأثیر پارامتر ذوب لیزر انتخابی بر ریز ساختار و مورفولوژی تخلخل با پودر فولاد زنگ نزن 316L	یاشار اذرمهر و نادر پروین بهمن 1396
8	مشخصه یابی پوشش نیکل- تیتانیوم بر روی فولاد 316L با استفاده از پوشش دهی توسط لیزر	کیان ضرغامی و نادر پروین بهمن 1396
9	تأثیر کسر حجمی ذرات ZrO_2 بر خواص مکانیکی و خوردگی پوشش های پلاسمایی Cr203-SiC-ZrO2	میلاد یوسفی مگری و نادر پروین تیر 1396
10	بررسی خواص لحیم کاری سخت قطعات آهنی متالورژی پودر با استفاده از Ancorbraze 72	عدنان ناجی شکیر الدجیلی و خرداد نادر پروین 1396
11	بررسی اثر متغیرهای لحیم کاری نرم بر خواص مکانیکی و الکتریکی اتصالات نقره	سپیده موسوی و نادر پروین اردیبهشت 1395
12	بررسی رفتار فشرده پذیری کامپوزیت کاربیدسیلیسیوم در زمینه آلومینیوم تولیدی با روش متالورژی پودر	هادی نادری سقین سرا و دی نادر پروین 1394
13	ساخت و مشخصه یابی ماده مرتبه ای W-Cu به روش متالورژی پودر	علی یوسفی و نادر پروین دی 1394
14	مقایسه و مشخصه یابی کامپوزیت Al-Al ₂ O ₃ تولید شده به روش متالورژی پودر و فرآیند اتصال پرس جمعی	معصومه اسکریان و نادر پروین آذر 1394
15	طراحی محل اتصال و لحیم کاری سخت کاربید تنگستن به پایدارکننده حفاری	علی امیرنصیری و نادر پروین مهر 1394
16	اثر شکل هندسی ابزار بر سیلان مواد در جوشکاری اغتشاشی اصطکاکی در حضور نانو ذرات تقویت کننده آلیاژ آلومینیوم 6061	رامونا جوادی دودران و نادر پروین مهر 1394
17	بررسی ریزساختار و رفتار مکانیکی ناحیه اتصال حاصل از لحیم کاری سخت کاربید تنگستن به فولاد	مهدی شفیع حق شناس و نادر پروین بهمن 1393
18	بهینه سازی سنتر هیدروترمال هگزا فلیت استرانسیم برای جذب امواج الکترومغناطیسی در محدوده 8-12GHz	ابراهیم زاده سلیمانی و نادر پروین آذر 1393
19	اثر نانو ذرات تقویت کننده بر خواص جوشکاری همزنی اصطکاکی آلومینیوم 6061	محسن فرهمندنیکو و نادر پروین مهر 1393
20	تأثیر تغییر شکل پلاستیک و عملیات پیرسازی بر میکروساختار و دماهای استحاله ی آلیاژ حافظه دار نابتینول غنی از نیکل	ساکو پیرانی و نادر پروین بهمن 1392
21	لحیم کاری سخت فویل مس بر ورق برنجی و بررسی خواص الکتریکی	منوچهر عبادی اثار و نادر پروین آبان 1392
22	بررسی رفتار خوردگی آلیاژ حافظه دار نیکل-تیتانیوم آندایز شده	مریم پورمهدوی و نادر پروین مهر 1392
23	سنتر نانو پودر متخلخل اکسید منیزیم به روش هیدروترمال	عبدالله اللهویدی زاده و نادر پروین مهر 1392
24	تولید و بررسی ویژگی های غشای کامپوزیتی تیتانیا- فولاد زنگ نزن متخلخل به روش سل- ژل برای فرآیند نانوفیلتراسیون	فاطمه محمدی حاجی بکنده و نادر پروین بهمن 1391

25	سنتر خود انتشار دما بالای پودر نانوکامپوزیتی NiAl تقویت شده با ذرات تقویت کننده	علی اکبر شوکتی و نادر پروین بهمن 1390
26	بررسی اثر پرتوهای یون ساز بر رفتار خوردگی نانوکامپوزیت پلی استر- نانورس	الهام صالحون و نادر پروین بهمن 1390
27	اثر فلز نجیب بر خواص نانوکامپوزیت SnO2	فریبرز شریفیان جزئی و نادر مهر 1390 پروین
28	ساخت پایه های غشاء از جنس فولاد زنگ نزن با حفرات فوق ریز	سیدمحمدحسین پیغمبرزاده تیر 1390 و نادر پروین
29	تولید ساختار نانو در آلیاژ AZ91 منیزیم از طریق فرایند اصطکاک اغتشاشی و بررسی خواص مکانیکی آن	مهدی طاهری شرق و نادر اسفند 1389 پروین
30	ساخت و بررسی خواص غشای کامپوزیتی با ایجاد لایه ی سرامیکی حاوی حفرات فوق ریز	صنم عابدینی درشگی و نادر بهمن 1389 پروین
31	بررسی رفتار خوردگی منطقه جوش فولادهای کربنی با الکترودهای روتیلی ، سلولزی و قلیایی	سیدعلی حسینی و نادر بهمن 1389 پروین
32	بررسی پارامترهای مؤثر بر مقاومت اکسیداسیون پوشش Al-Cr پس از فرآیند آلومینایزینگ- کرومایزینگ	یوسف صدیق بیچارپس و نادر بهمن 1389 پروین
33	ساخت آلیاژ حافظه دار پایه مس بروش متالورژی پودر	سجاد پورخورشیدی و نادر خرداد 1389 پروین
34	سنتر ذرات فوق ریز آلیاژی مغناطیسی توسط احیاء کلرید آنها در فاز گازی	علی باطنی و نادر پروین خرداد 1389
35	تولید نانو کامپوزیت های Ag-ZnO به روش هم رسوبی	محمدرضا ربیعی و نادر خرداد 1389 پروین
36	تولید نانو کامپوزیت نقره اکسید قلع به روش هم رسوبی	فریده شاکریان و نادر پروین دی 1388
37	ریخته گری کامپوزیت پایه آلومینیوم A356/TiB2 بر اساس ملاط TIB2p/CMC/PPS	محمد هیزم بر و نادر پروین بهمن 1387
38	تاثیر عناصر افزودنی بر اکسیداسیون داخلی آلیاژ Ag-Cd	اشکان ناصح و نادر پروین شهرپور 1387
39	بررسی چقرمگی شکست کامپوزیتهای ژئوپلیمری بالیاف PP	احسان گوهری بهجت آبادی خرداد 1386 و نادر پروین
40	تاثیر پارامترهای آسیاکاری بر خصوصیات پودر نانو کامپوزیت تنگستن- مس ساخته شده بروش آسیاکاری مکانیکی	سیامک اقتصادی و نادر اسفند 1385 پروین
41	تاثیر عملیات ترمومکانیکی بر خواص آلیاژهای تنگستن متالورژی پودر	هوپار عطار و نادر پروین بهمن 1385
42	بررسی عوامل مؤثر بر رخنه پذیری قطعات تنگستنی بوسیله نقره مذاب	رضا درخشنده حقیقی و نادر شهرپور 1385 پروین
43	بررسی جوش پذیری ورقهای مس - آلومینیوم به روش فشاری	کامران غلام رسول پور ترک و تیر 1385 نادر پروین
44	بهینه سازی خواص مکانیکی فولاد 1.6959 از طریق کنترل ترکیب شیمیایی	مجتبی فلاحتی نژاد و نادر اسفند 1384 پروین
45	بررسی مقاومت خستگی کامپوزیت های زمینه فلزی Al-Si تولید شده به روش آلیاژ سازی مکانیکی	پیمان صفارزاده کرمانی و نادر اردیبهشت 1384 پروین
46	بررسی تاثیر افزون عناصر میکرو آلیاژی برخواص فولاد ماری چین گرده003	سعید طارمی و نادر پروین اسفند 1383
47	بررسی مقاومت کششی و شکست	رضا اسدی فرد و نادر پروین تیر 1383

48	بررسی اثر عناصر تنگستن ، مولیبدن و تانتالوم بر روی عمق نفوذ آسترهای پودری پایه مس بدون اسلاگ	شهرام شهنساری و نادر پروین	مهر 1382
49	احیاء و تثبیت پودرهای مس تولید شده به روش الکترولی	رضا زنگنه زاد و نادر پروین	اسفند 1380
50	بررسی خواص مکانیکی شاتون متالورژی جابگزین نورج	کیوان مسلم و نادر پروین	شهریور 1375

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دروس ارائه شده

# عنوان درس	توصیف درس	دوره سرفصل ها	دوره درسی
1 Advanced Powder Metallurgy	New processes in powder metallurgy. Investigation of Heavy metals and Hard Metals		Spring 2022
2 Materials Forming & Powder Lab	Characterization of powdered materials and their compressibility and densification after sintering		Spring 2022
3 Production of Metal Powders & Materials	PRODUCTION OF METAL POWDERS AND MATERIALS		Fall 2021
4 Technical Language	This subject deals with technical topics on metallurgy and materials engineering		Fall 2021
5 Advanced Powder Metallurgy	New processes in powder metallurgy. Investigation of Heavy metals and Hard Metals		Spring 2021

اختراعات/ ثبت پتنت

#	عنوان اختراع	شماره ثبت	کشور ثبت کننده	همکاران	تاریخ ثبت	تاریخ انقضا
	داده های ثبت شده در پورتال					
1	FUNCTIONALLY GRADED W-CU COMPOSITE	US 20170368607A1	-	نادر پروین, علی یوسفی	1396/9/10	1416/9/11
2	METALLIC-CERAMIC COMPOSITE MEMBRANES AND METHODS FOR THEIR PRODUCTION	US 2012/0118815 A1	United States	صنم عابدینی درشگی, نادر پروین, پرویز اشتری	1391/2/12	1416/10/30
3	سنتز کامپوزیت پودری زمینه Ni-Al تقویت شده با NbB2 به روش سنتز احتراقی	72261	Iran (Islamic Republic (of	علی اکبر شوکتی, نادر پروین, محمد شوکتی, ناصر سبزیانیور	1390/8/10	1390/7/9
4	بهینه سازی و مدل سازی کامپوزیت مس- آلومینا به روش آلیاژسازی مکانیکی درجا	72505	Iran (Islamic Republic (of	علی دریاب, نادر پروین, سهند میرزایی ملایری, دانشگاه صنعتی امیرکبیر	1390/8/10	1410/4/10
5	فرایند تولید نانو کامپوزیت AgSnO2 برای حسگر گازی	71646	Iran (Islamic Republic (of	فریبرز شریفیان جزئی, نادر پروین, امیررضا آزادمهر, علیرضا مسعودیان, دانشگاه صنعتی امیر کبیر	1390/6/10	1410/9/10
6	قالبگیری تزریقی پودر فلزات و سرامیک به کمک بایندر پایه پلیمری ترکیب شده با پارافین و کلوفان	69760	Iran (Islamic Republic (of	محمدرضا خدابخش, نادر پروین, دانشگاه صنعتی امیر کبیر	1390/2/11	-
7	تولید آجر سبک کامپوزیتی با حضور سیوس برنج	67757	Iran (Islamic Republic (of	دانشگاه صنعتی امیر کبیر, میثم اسدالهی, فراز دیرمینا, نادر پروین	1389/9/10	-
8	تولید آجر سبک کامپوزیتی با حضور پوکه معدنی	67759	Iran (Islamic Republic (of	دانشگاه صنعتی امیر کبیر, میثم اسدالهی, فراز دیرمینا, نادر پروین	1389/9/10	-
9	تولید پودر کامپوزیتی پایه تنگستن به روش پوشش دهی الکترولس	62039	Iran (Islamic Republic (of	نادر پروین	1388/8/10	-
10	محفظه سنتز نانو پودر با روش های هیدرو ترمال و سالو ترمال	60244	Iran (Islamic Republic (of	هاشم حشمتی شاهبلاغی , نادر پروین	1388/4/10	-
11	اندازه گیری مستقیم دانسیته قطعات متخلخل پودری به روش رادیوگرافی	59020	Iran (Islamic Republic (of	علی باطنی , مهدی احمدی نجف آبادی, نادر پروین	1388/2/11	-
12	تولید اتصالات الکتریکی از جنس نقره-کادمیوم-کیالت به روش ریخته گری	55953	Iran (Islamic Republic (of	اشکان ناصح, نادر پروین	1387/9/11	-

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الکتريکی با استفاده از پوشان