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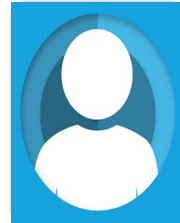
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ارجاعات (Scopus):

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رساله‌های دکتری

#	عنوان پایان‌نامه	توسط	تاریخ دفاع
1	تحلیل و ارزیابی فرایند چگالش درون لوله در رژیم لخته ای	حامد نصر فرد جهرمی و حسن رحیم زاده	شهریور 1398
2	مطالعه قابلیت کاربرد روشهای غیر سازه ای حذف گرداب در آبگیرها	مرتضی منشی زاده و حسن رحیم زاده	اسفند 1396
3	تحلیل عددی و تجربی جریان دو فاز گاز-جامد خروجی از اگزوز موتور های دیزل عبورکننده از راکتور های تخلیه سد دی الکتریک به منظور کاهش آلاینده ها	پویان طالبی زاده سردری و حسن رحیم زاده	خرداد 1395
4	طراحی و ساخت نانو سامانه هیدروکسید دو گانه لایه‌ای (LDH) و کاتچین چای سبز و بررسی اثرات بیولوژیک آن بر روی رده های سلولهای سرطانی	سیده سارا شفیعی و حسن رحیم زاده	مهر 1391
5	شبیه سازی عددی جداسازی قطره از گاز در داخل قطره گیر	روح اله رفعی و حسن رحیم زاده	تیر 1389
6	تحلیل تجربی - عددی جریان گاز - جامد در یک راکتور بستر سیال به همراه تغییر مشخصات فیزیک فاز جامد	مهدی حمزه ای و حسن رحیم زاده	تیر 1388
7	تحقیق بر روی رفتار جریانهای چرخشی در دهانه آبگیر	شهرام هاشمی مرغزار و حسن رحیم زاده	دی 1381

پایان‌نامه‌های کارشناسی ارشد

#	عنوان پایان‌نامه	توسط	تاریخ دفاع
1	بررسی تجربی جداسازی ذرات جامد از اب در اثر تغییر شرایط مرزی بر روی مدل هیدروسیکلون	علی عطالهی و حسن رحیم زاده	دی 1399

2	طراحی و ساخت مکانیزم جت سه درجه آزادی به عنوان تخریب کننده گرداب	سیدامیرحسین موسوی شهریور 1399 شبستری و حسن رحیم زاده
3	طراحی و ساخت ردیاب خورشیدی برای صفحه خورشیدی و ارزیابی عملکرد سامانه	کیارش کهن سال نودهی و شهریور 1399 حسن رحیم زاده
4	طراحی و ساخت یک نمونه اجاق خورشیدی قابل حمل	میلاد نصیری و حسن رحیم اردیبهشت 1398 زاده
5	بررسی، شبیه سازی و طراحی دستگاه تزریق کود در خاک	سعید نوتاش و حسن رحیم بهمن 1397 زاده
6	طراحی و ساخت خشک کن خورشیدی برای شرایط آب و هوایی خشک	پوریا مقیمی قادیکلانی و بهمن 1397 حسن رحیم زاده
7	مقایسه عملکرد یک سیستم خنک کننده جذبی- خورشیدی در تهران و نجف	غیث یحیی احمد ابوصبیح و اسفند 1396 حسن رحیم زاده
8	تاثیر فوق آبگریزی پاره ای سطح برروی نیروی لیفت و درگ هایدرروفویل	اشکان ایران نژاد و حسن بهمن 1396 رحیم زاده
9	بررسی تجربی تاثیرات برخورد آرایه ای از جت های مستهلک کننده بر روی جریان های بحرانی در آبگیر افقی	سیدفرشاد برحق و حسن بهمن 1396 رحیم زاده
10	شبیه سازی عددی و تجربی یک مدل جدا کننده ذرات جامد از پساب صنعتی	سوگند پروانه مسیحا و حسن بهمن 1396 رحیم زاده
11	شبیه سازی عددی اثرات نیروی مغناطیسی بر روی جریان خون در رگ	نزار عوده موسی الیاسین و دی 1396 حسن رحیم زاده
12	بررسی و تشخیص عیوب براساس مدل، برای یک توربین گازی	همایون ارباب خواه و حسن اسفند 1395 رحیم زاده
13	مطالعه آزمایشگاهی تاثیر درصد بازشدگی دریچه ی قطاعی بر شاخص کاویتاسیون و ارتعاش در فشار های بالا	وحید الهوردی زاده و حسن بهمن 1395 رحیم زاده
14	مطالعه عددی و تجربی کاربرد دودکش خورشیدی به منظور اعمال تهویه مطبوع مکمل سیستمهای موجود در واحدهای مسکونی مستقل در اقلیم گرم و خشک	مهدی تاجیک رستمی و حسن بهمن 1395 رحیم زاده
15	بررسی تجربی تاثیر هندسه دهانه آبگیر بر قدرت گرداب های تشکیل شده در مخزن	محمد پاینده و حسن رحیم بهمن 1395 زاده
16	بررسی تحلیلی و تجربی جریان آگرژی در یک دیگ بخار و ارائه راهکارهایی جهت کاهش مصرف آب و سوخت	محمدجواد پرهیزکار و حسن بهمن 1395 رحیم زاده
17	طراحی و مدل سازی عددی و تجربی آبگرم کن خورشیدی جهت تأمین آب گرم مصرفی در یک واحد مسکونی	امیر عباس راه پیمای فرد خرداد 1395 زنجان و حسن رحیم زاده
18	بررسی آزمایشگاهی و عددی یک گرداب با سطح آزاد در یک آبگیر قائم	سجاد صلواتی دزفولی و حسن بهمن 1394 رحیم زاده
19	بررسی اثرات مواد افزودنی بر پدیده کاویتاسیون در انواع شیرها	حجت صالحی گل افشانی و بهمن 1394 حسن رحیم زاده
20	بررسی تجربی تاثیر مانع مستهلک کننده انرژی بر آشفتگی جریان در حوضچه آرامش	محمد مردانی و حسن رحیم آبان 1394 زاده
21	تولید شبکه بی سازمان ناهمسانگرد در دو بعد و بررسی کاربرد آن در حل خطوط جریان برای شبیه سازی میدان های نفتی	مجتبی محمدی و حسن رحیم مهر 1394 زاده
22	بررسی و تحلیل عددی بهینه سازی آب مصرفی و انرژی برج خنک کن	محمد مرادی و حسن رحیم مهر 1394 زاده
23	بهینه سازی عملکردی دودکش خورشیدی بر پایه تحلیل اکسرژی	ارش دلیلی شعاعی و حسن بهمن 1393 رحیم زاده

24	بررسی عددی جریان تک فازی در داخل راکتور تخلیه ی سد دی الکتریک با هندسه های مختلف	شاهد عابدی و حسن رحیم زاده	آبان 1393
25	مطالعه و بررسی آزمایشگاهی تأثیر کارکرد همزمان دو آبگیر بر قدرت گردابه های شکل گرفته در سطح مخزن	محمدرضا خان ارمویی و حسن رحیم زاده	بهمن 1392
26	بررسی عددی و بهینه سازی مدل فیزیکی یک دستگاه آب شیرین کن به روش رطوبت زنی و رطوبت گیری از هوا	طه خادمی نژاد و حسن رحیم زاده	بهمن 1392
27	بررسی و تحلیل سیکل نیروگاه دودکش خورشیدی با در نظر گرفتن اتلافات اجزاء نیروگاه	رضا جنتی فر و حسن رحیم زاده	بهمن 1392
28	بررسی عددی و تجربی جداسازی قطره از گاز در داخل چند قطره گیر خاص	فرهاد علمشاهی و حسن رحیم زاده	بهمن 1392
29	تحلیل عددی و آزمایشگاهی پدیده چکش آبی با در نظر گرفتن اصطکاک غیر دائم و اثر ویسکوالاستیک دیواره های لوله	محمد درویش دماوندی و حسن رحیم زاده	بهمن 1391
30	استفاده از تکنولوژی نانو در افزایش راندمان کلکتورهای خورشیدی	علی کاشی ها و حسن رحیم زاده	بهمن 1391
31	بررسی عددی و تجربی یک مدل دودکش خورشیدی	محمد هادی سلیمیان و حسن رحیم زاده	اسفند 1390
32	تحلیل عددی و آزمایشگاهی فرآیند اختلاط در یک رآکتور بستر شناور گاز-جامد	مجید مصطفی زاده سرستی و حسن رحیم زاده	بهمن 1390
33	بررسی تجربی اثر نانو مواد در پدیده کاویتاسیون در شیر بشقابی	سعید راستگوفر و حسن رحیم زاده	دی 1390
34	بررسی تجربی اثرات ساختاری بر روی یک جداکننده مرکب 2681900	محمد موری زاده و حسن رحیم زاده	آذر 1388
35	بررسی تاثیر ساختمان پارچه تار ی پودی در بازده جمع آوری ذرات (فیلتر اسیون)	حسن سلیمی و حسن رحیم زاده	مهر 1388
36	اندازه گیری نرخ حجمی قطرات مایع عبوری از سطح مقطع یک کانال در جریان گاز- مایع	سیدعبدالحسین بنی طبایی و حسن رحیم زاده	شهریور 1388
37	بررسی و مقایسه تجربی و عددی جریان مغشوش دو فازی (جامد-مایع) بین دو صفحه بی نهایت	محمدحسام آسوده و حسن رحیم زاده	اسفند 1387
38	بررسی تجربی تاثیرات جریان ثانوی بر الگوی رسوب گذاری	هومن مایلی و حسن رحیم زاده	اسفند 1387
39	بهینه سازی شرایط هیدرودینامیکی و هندسه یک حوضچه آرامش تحت تاثیر شرایط ورودی و بافل ها	سیدسبحان آل یاسین و حسن رحیم زاده	اسفند 1387
40	بررسی روشهای کاهش ورود حباب از حوضچه به مکش پمپ در یک مدل فیزیکی	محمدرضا روشنی و حسن رحیم زاده	اردیبهشت 1387
41	ساخت یک نمونه مدل فیزیکی اکونومایزر تماس مستقیم و بررسی تجربی آن	ارزو خلیلی و حسن رحیم زاده	اسفند 1386
42	بررسی تجربی، تئوری جریان دوفازی گاز - مایع لایه ای در لوله در شرایط آدیاباتیک محدود	فرشاد پرگر و حسن رحیم زاده	اسفند 1385
43	بررسی تاثیرات شرایط مرزی بر روی انتقال رسوب به داخل مدل یک آبگیر ساحلی	علیرضا کاکویی و حسن رحیم زاده	دی 1385
44	بررسی و مدل سازی تغییرات غلظت و جابجایی رسوبات داخل یک حوضچه ساحلی آب خنک کن	صولت خسروی و حسن رحیم زاده	آذر 1385
45	شبیه سازی هیدرودینامیک سیال دوفازی حاوی کلر - آلکال در سل های غشایی	فرشاد عباسی و حسن رحیم زاده	مهر 1385

46	بررسی جریان دوفازی (گاز - مایع) در لوله افقی در شرایط آرام، لایه ای، دوبعدی، آدیباتیک	هرمز بهروزی و حسن رحیم زاده	آبان 1384
47	بررسی پدیده های گذر و تاثیر مقیاس مدل بر این پدیده هادر دهانه های آبگیر افقی	آزاده کشاورزمحمدیان و حسن رحیم زاده	فروردین 1384
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49	رفتار ذات آلاینده در داخل مبدل کاتالیزوری	علیرضا زبیری و حسن رحیم زاده	بهمن 1379
50	بررسی عددی و تجربی پخش و ته نشینی ذرات در تونل باد	محمد متقی و حسن رحیم زاده	آبان 1378
51	توسعه یک مدل ریاضی در گرداب سطحی و مقایسه ان با..	حسین عظیمی و حسن رحیم زاده	دی 1376

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اختراعات/ ثبت پتنت

# عنوان اختراع	شماره ثبت	کشور ثبت کننده	همکاران	تاریخ ثبت	تاریخ انقضا
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داده های ثبت شده در پورتال

1409/8/10 1390/1/12 رضا حسینی ابرده, حسن رحیم زاده, علی طاهریان, دانیال قهرمانی مقدم Iran (Islamic Republic of) 69662 1 طراحی و ساخت شومینه با هندسه و مصالح جهت افزایش بازدهی حرارتی آن