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INTERDCSIPLINARY GRADUATE SCHOOL OF ENGINEERING SCIENCES
KYUSYU UNIVERSITY, Kasuga 816-8580, JAPAN

博士論文リスト

【平成 28 年度】

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修士論文リスト

【平成 28 年度】

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山本 勇磨	ハイパーブランチポリスチレンアンモニウム塩を担体として用いた白金ナノ粒子触媒による高効率、高選択的な芳香族ニトロ化合物の水素化反応
吉岡 由香梨	動的な面不斉を有するアザ[7]シクロフェン類の合成と立体化学挙動に関する研究
吉川 駿一	Al-Mg-Si 系合金で見出される不規則な応力振動の発現機構
安西 宇宙	単結晶金属酸化物ナノワイヤにおける本質的な電子輸送起源の解明
江川 雄亮	アノードレイヤー型ホールスラストの磁場形状及び陽極形状依存性の評価
孫 軍	重力屈性阻害作用を示すシス桂皮酸誘導体の構造活性相関研究

吉永 達郎 イノラート-アライン 3 連続環化付加反応による置換トリプチセンの合成と変換

先端エネルギー理工学専攻

- 阿部 哲 Numerical Simulation on Turbulent Structural Formation with Neutral Particle Profiles in Magnetized Cylindrical Plasma
- 飯島 健介 ON/OFF 制御による推力可変イオンスラスタの開発
- 一ノ瀬 紘佑 3D プリンタを用いて製造したシンチレータの応用に関する研究
- 市丸 智裕 Voltage waveform dependences on thrust performances in a Hall thruster
- 植田 侑吾 Y 添加バリウムセレート(BaCeO_3)の導電性と耐久性
- 上野 文輔 Development of Liquid Propellant Miniature Microwave Discharge Thruster
- 江藤 健太 Development of tomography algorithms based on least squares method using penalty functions.
- 大坪 哲也 口腔癌細胞に対する大気圧空気プラズマの影響
- 大和田 裕晃 QUEST における発光強度上下非対象性観測
- 神崎 智継 Change in Reynolds Stress Induced by End-Plate Biasing in PANTA
- 北島 瑞希 102 MeV 重陽子入射中性子・ガンマ線生成二微分断面積の測定
- 近藤 和博 プロトタイプミュオグラフィ検出器の性能検証と実証試験に関する研究
- 後藤 健吾 純鉄の水素透過挙動に及ぼすショットピーニングの影響
- 坂井 靖広 Sterilization Characteristics and Material Compatibility of Dental Sterilizer using RF Oxygen Plasma
- 三仙 幸将 多重箔放射化法による中性子収量解析へのニューラルネットワークの適用
- 田熊 啓人 PANTA における軸方向プラズマ流れの形成
- 竹志田 憧太 量子カスケードレーザーと CO_2 レーザーを使った二波長干渉計の開発
- 垂水 智哉 Evaluation of spatial correlations of fluctuations in PANTA
- 都留 拓也 原子炉圧力容器鋼における照射脆化の Cu,Ni 添加効果
- 中野 陸 遺伝子解析を用いたプラズマ中の活性種照射による植物の成長促進効果に関する研究
- 永田 浩章 CsI(Tl)シンチレータ利用型ガンマ線電池の開発
- 西海 亮佑 フッ化物溶融塩ブランケット材料の水素同位体透過挙動に関する研究
- 西谷 勁太 レーザー駆動多価重イオン制御に向けたイオン計測システムの開発
- 野口 瑞貴 水素プラズマスパッタ法による W 堆積層形成と水素同位体捕捉に関する研究
- 挾間田 一誠 Multi Time Scale Fluctuation in PANTA
- 福原 義剛 大気圧空気プラズマと紫外光から生成される活性酸素種による抗酸化活性の向上および農作物の鮮度保持
- 松井 庸佑 Comparison of Nonlinear Saturation with Drift-wave Instability in Magnetized Cylindrical Plasma
- 眞弓 尚大 大気圧プラズマによる大腸菌と酵母菌の不活化機序
- 三浦 智之 レーザー生成プラズマの制御を目的とした磁場発生手法の確立
- 湊 良祐 Development of Microwave Frequency Comb Doppler Reflectometer in PANTA
- 山崎 勇臣 Li から Y への水素同位体の移行挙動の把握および移行理論の検討

山田 拓也	低圧高周波酸素酸素プラズマを用いた難分解性タンパク質の分解メカニズム
山本 遼太郎	Li 添加型 Li_2TiO_3 からの Li 質量移行
渡辺 哲史	Mechanism of Growth Enhancement of Plants Induced by Active Species in Plasmas
枝本 雅史	Effect of plasma initial conditions and magnetic field on a plasma behavior in a magnetic thrust chamber
中野 敬太	Cross section measurement of isotope production in proton- and deuteron-induced reactions on ^{93}Nb using the inverse kinematics method
中野 陸	遺伝子解析を用いたプラズマ中の活性種照射による植物の成長促進効果に関する研究
挾間田 一誠	Multi Time Scale Fluctuation in PANTA

環境エネルギー工学専攻

新垣 創	HFO 系冷媒を含む低 GWP2 成分混合冷媒ヒートポンプサイクルの性能評価に関する実験的研究
荒金 大河	長距離管路における弱い衝撃波の非線形伝播特性
稲田 龍	燃料への水添加と雰囲気中の酸素濃度が燃料噴霧の着火性に及ぼす影響の定量評価
今林 浩平	実験および数値解析による圧縮性希薄気体流れにおける粒子の抗力係数評価
今村 彰	蛍光油膜法による遷音速・超音速流れにおける摩擦応力ベクトル分布の計測技術開発
牛嶋 克也	液化石油系ガスを燃料とする筒内直噴式エンジンにおける燃焼特性の解明
大西 直哉	2 次元後流の拡散に壁面乱流が及ぼす影響に関する風洞模型実験
笠木 伸吾	電子機器の強制流動沸騰冷却に関する実験的研究
神原 秀仁	矩形先細ノズルから発生する超音速マイクロ噴流の現象解明
古賀 智大	大型ガスエンジンにおける希薄予混合燃焼の数値予測手法の改良
ALRsheedi Salman Mus	Study on The Performance of Adsorption Cooling System:MOFs/Ethanol pairs
新谷 祐輔	時系列 PIV を用いた高圧メタンガス噴流の空気導入に及ぼす噴射条件の影響把握
田原 一成	ラバルノズルから発生する Transonic tone の音響低減法に関する研究
手嶋 健一郎	低 GWP 冷媒の水平円管上自由対流凝縮に関する実験的研究
中本 大志朗	大域的最適化を利用した吸着速度解析手法の確立
蓮子 仁内	乱流都市境界層内の平均流構造が乱流統計量に及ぼす影響に関する実験的研究
付 旭潔	Study on Adsorption Cooling Cycle with Carbon Dioxide - Spherical Activated Carbon pair
益田 悠平	数値シミュレーションによる超音速混合促進装置の最適化
松尾 拓哉	長い管路内を伝播する圧力波背後に誘起される非定常境界層の特性
松澤 遼	進化ゲーム理論に基づく協調行動の創発メカニズムに関する研究
光宗 航基	ヒトならびに実験動物種を対象とした in silico 上気道モデルの開発と数値流体解析
村上 勇樹	高密度市街地の建物の Cross Ventilation に関する数値解析
森永 侑樹	換気装置用全熱交換エレメント内の熱水分移動解析
山口 貴大	建材表面における光触媒反応のモデル化と CFD を併用したパラメータ同定
山下 裕也	副室式ガスエンジンの副室・噴孔条件がトーチ火炎挙動と主室内燃焼に及ぼす影響

- 山根 大 低温熱回収オーガニックランキンサイクルのサイクル性能解析による最適作動媒体探索
- 李 皓楠 球状活性炭/エタノール系吸着熱交換器の実験的性能解析
EXPERIMENTAL STUDY ON PERFORMANCE OF AN ADSORPTION HEAT EXCHANGER USING SPHERICAL ACTIVATED CARBON/ETHANOL PAIR

大気海洋環境システム学専攻

- 秋吉 公貴 CFD を用いた水平軸型潮流発電装置の開発研究
- 浅田 凌 内部潮汐による父島周辺のメカジキの漁場形成に関する研究
- 池田 亮 複合係留と新型浮体式風車の研究
- 石丸 隆宏 円盤型水中ビークルの回転抑制装置の開発及び針路保持制御改良の研究
- 上野 敦士 ヒートアイランド循環における流れ構造と物質拡散特性に関する研究
- 王 浩宇 Estimation of Ocean Thermal Energy around Kumejima Island
久米島周辺における海洋温度差エネルギーの推計
- 太田 晃平 衛星・地上型アクティブセンサの複合利用による北極域の雲特性の解析
- 神崎 真人 有明海に流出した河川水の諫早湾内への流入と滞留特性
- 甲原 僚子 河川プルームのバルジ成長率における河口形状に対する依存性
- 軸丸 広樹 高濃度酸素水による水質浄化の試み -博多湾エコパークゾーンでの実験-
- 鈴 康平 プラズマディタッチメントの計算機シミュレーション
- 角田 裕磨 厚い雲で覆われた惑星の自転速度が大気大循環に与える影響
- 東郷 大秋 ROV の挙動に応じた支援母船の運動の数値解析
- 鳥越 雄太郎 A study on Micro hydraulic Turbines for Irrigation Canal
- 中川 拓弥 風応力作用下における開水路乱流場の直接数値シミュレーション
- 中川 佑樹 複合材料による新型移動式浮体に関する研究
- 難波 正史 内部重力波を考慮した慣性振動の減衰過程について
- 新井 智貴 複合材料を用いた大型 TLP 浮体の研究
- 西田 侑加 金星下層大気が中層大気スーパーローテーションに与える影響
- 西村 仁宏 Analysis of magnetohydrodynamic turbulence in space using data obtained by multi-spacecraft measurement
多点観測データによる宇宙プラズマ乱流解析
- 野上 翼 LES シミュレーションによる渦拡散係数推定式の導出
- 幅 良太 地球磁気圏尾部領域における電子の異方性分布生成
- 藤川 雅大 多視野角・多重散乱偏光ライダを用いた雲鉛直構造の解析
- 松永 奈々 カルボニル指標解析に基づく北西太平洋のマイクロプラスチック輸送に関する研究
- 的場 健人 回転磁場型によるプラズマ推進機関のシミュレーション
- 御手洗 真人 ダクト付風車の翼端損失に関する研究
- 山本 悠真 バルーンを用いた沿岸海洋の赤外リモートセンシング -スタンドアローン化の試み-
- 横尾 健太郎 局所風以外の要因で生じる台湾海峡通過流量について
- 吉田 恭輔 長崎県五島列島における潮流エネルギー賦存量の推定

吉水 勇人	ダウンウィンド風車におけるブレードとタワーの空力干渉
李 梓原	GNSS-R 手法による海面計測に関する研究
李 文怡	記録的な暑夏における福岡都市圏の気温日変化特性

【平成 29 年度】

量子プロセス理工学専攻

朝日 健太	パーライト鋼の伸線加工および熱処理に伴うナノ組織変化の電子顕微鏡観察
Yi Hyeonseok	高圧物理賦活法による活性炭の細孔構造への影響
伊賀 大伸	ジアゾニウム塩によるグラフェンの新規化学修飾法の開発及びそのデバイス応用
石田 学	ワイドギャップ窒化ホウ素膜の構造制御および絶縁特性評価
泉本 征憲	2 段階 CVD 法によるファンデルワールス p-n ヘテロ構造体の創製と輸送特性
板屋 航	Ge-on-Insulator 基板の作製とデバイス応用に関する研究
伊藤 拓哉	重質油の脱金属触媒におけるコークス堆積の抑制が可能な新規炭素系触媒の開発
井上 忠彦	ペロブスカイト型ラタンチタン酸窒化物薄膜の結晶成長とその構造・物性評価
猪俣 茜	周期的組織の走査電子顕微鏡観察において現れる縞状コントラストの特徴と成因
岩本 孝信	電子顕微鏡観察によるマルテンサイト変態双晶界面のひずみ解析
小江 祥太	光モードスイッチの大規模拡張化に関する研究
大石 和希	分子集合体鋳型法で合成した低次元ナノ層状物質の自己再構成と光学特性
大迫 貴太	配合炭への褐炭あるいは褐炭チャーの添加がコークス強度に及ぼす影響
太田 洗輝	ナノダイヤモンド膜の微細加工と電界放出特性評価
小川名 太一	フラクタルポテンシャルに散乱された量子力学的波動の透過率とそのマルチフラクタル性
奥平 有	金属積層工法で作製した耐熱アルミニウム合金の高温強度特性
小野 裕太郎	静電容量センシング技術を用いたスマートステアリングの開発
於保 拓海	高分子多孔膜を用いた交流駆動電気浸透流ポンプにおける塩水溶液の送液特性
片ノ坂 聡人	電子顕微鏡法と組織形成シミュレーションを用いた A1-L1 ₀ 型相変態機構の解明
門脇 駿太郎	ランダム界面成長における自己組織化臨界現象
椎葉 俊明	遷移金属ダイカルコゲナイドの合成技術の開発と光・電子デバイス応用
工藤 和樹	スピバルブ素子によるナノダイヤモンド膜中の室温スピン伝搬
久保山 真	フォトクロミック金属酸化膜のプラズマによる作製とその構造解析
小島 信一郎	AXUV を用いた高周波プラズマの計測
小林 希	プラズマ溶射プロセスの各種パラメーター計測法の開発とそれによる現象解明

- 小柳 知穂 遷移金属ダイカルコゲナイドの CVD 成長とカーボンナノチューブとの p-n 接合
- 近藤 政孝 収差補正走査透過電子顕微鏡を用いた Nd-Fe-B 系磁石の微細構造解析
- 坂口 大成 メタル・ソース／ドレイン型 Ge-CMOS の高性能化に関する研究
- 坂本 遼 水系 s ブロックイオン電池の電池特性と高濃度水系電解液の局所構造解析
- 沢村 和哉 ドープ型有機デバイスのための狭ギャップヘテロ電極作製技術
- 吉 夢然 Studies on the Decomposition of Tin Debris by Using Hydrogen Plasmas
- 塩塚 研太 犠牲塩を添加混合したバナジウム酸化物の正極特性
- 城下 和也 高極性液晶における強誘電的分子配向の形成メカニズム
- 末永 健志朗 MoS₂ 原子膜の成長制御と面内ヘテロ構造体への展開
- 高橋 里奈 高品質立方晶窒化ホウ素膜を用いた高効率電子エミッタの開発
- 田中 健太郎 ULSI のチップ内光配線に向けた Ge 光素子の開発
- 蝶野 弘臣 2 成分 Bose-Einstein 凝縮体の重力不安定性
- 築山 晶一 EUV 及び軟 X 線波長領域の光源用プラズマの計測手法開発
- 寺尾 友里 半導体応用を目指した二層グラフェンの CVD 成長と積層構造の制御
- 永田 昂輝 CML モデルを用いた一方向凝固のシミュレーション
- 中本 零 バイオチャーを被酸化材とする水電解
- 西川 尚史 ナノ微結晶ダイヤモンド/水素化アモルファスカーボン混相膜における少数キャリア寿命に関する研究
- 野上 智宏 高純度 Fe および Si 単体ターゲットを用いた同時スパッタ堆積による β -FeSi₂ 膜の作製に関する研究
- 長谷崎 愛 転位観察のための磁場フリー電子線トモグラフィー観察手法の開発
- 濱田 真伍 液晶性無機ナノシートの等方性水分散液における巨大 Kerr 効果
- 藤井 亮成 Na イオン電池用縮合フルオレノン類の電気化学特性
- 本田 衿子 リグニンのアルカリ水熱分解によるフェノール類の製造
- 増田 昂浩 高分子安定化液晶ブルー相の電気光学特性の格子配向および高分子凝集構造依存性
- 増田 幸信 IGZO を用いたフラットパネルデバイスの設計, 開発及び駆動評価
- 眞角 暢 改質リグニンの熱分解によるリグニンモノマー製造
- 松尾 伊茉莉 放電プラズマ焼結による ZnO/GaN 複合焼結体の合成と熱電特性
- 松崎 彰剛 酸化物/TiN コアシェル構造ナノ粒子の合成と高速焼結によるナノコンポジットの熱電特性
- 松田 修兵 Ru 含有 β -パイロクロア型酸化物の合成と熱・電気輸送特性
- 光山 大貴 レボグルコセノンを原料とする 5-ヒドロキシメチルフurfural の低温・高収率製造
- 峯 一貴 金属ナノ粒子を導入した Al ドープ ZnO ナノコンポジットの合成と熱電特性
- 村山 真一 高速回転 PLD 法により作製した希土類ナノコンポジット厚膜磁石の微細構造解析
- 森田 優斗 モード多重伝送用光集積回路モジュールに関する研究
- 安河内 茜 バルクヘテロ接合型太陽電池への pn ドーピング
- 山崎 信弥 石油コークス燃焼の速度解析およびモデリング
- 吉岡 勇登 ナトリウムイオン電池用 NASICON 型 Na₃V₂(PO₄)₃ 正極への異元素置換添加効果
- 吉田 聖 炭素ナノ繊維をテンプレートに用いた SnO_x ナノ繊維の調製と二次電池負極材としての応用
- 米田 宗次 ノズル内アークに対する発光観測とトムソン散乱法による電子密度・温度計測

物質理工学専攻

安倍 聡彦	HPLC/紫外励起顕微光熱変換ヘテロダイン干渉検出法を用いたニトロ多環芳香族炭化水素の高感度分析
井上 暉英	構造異性ケトン分子群を識別する単結晶酸化亜鉛ナノワイヤの創製と分子認識メカニズムの解明
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王 超	炭素繊維強化複合材料の接着継手の力学的性能に関する研究
大橋 一貴	固体 CH_3OH への真空紫外光照射による CO の気相への放出
鎌田 祥平	血管拡張用バルーンカテーテルの変形メカニズムの解明と理論モデルの構築
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河本 拓也	Ce を添加した La-Ni 系ペロブスカイト型酸化物の構造と触媒特性
木下 能開	窒素ドーパカーボンのリチウム空気電池正極への応用
熊谷 貴史	アパタイト型ランタンシリケート固体電解質を用いた酸素ポンプ用電極材料の開発
公 セイ	Study of immunosuppressive factors secreted from murine mammary carcinoma 4T1 cells
後藤 桂吾	ヘテロポリ酸によるリグニンの触媒分解反応の開発
小屋 祐希	CT 有限要素法による続発性椎体圧迫骨折の危険予測法の開発
酒井 大樹	物質拡散から配位子交換反応への律速プロセス変調による水熱合成 ZnO ナノワイヤの劇的な成長促進効果
坂上 弘樹	Zr,Hf を導入した不均一系 Ziegler—Natta 触媒の理論化学的研究
嶋崎 雅史	W(112)上鉄薄膜の成長過程における構造
白根 聡	メタロセン触媒のオレフィン重合反応メカニズムの解明と新規触媒設計の理論的研究
高木 達也	VaRTM 法による炭素繊維複合材の成形と強度評価
田中 早紀	AlN 圧電薄膜への Ca 添加の影響
徳永 隼人	六方晶チタンの変形双晶
富山 泰至	Isostemonamine の不斉全合成とその異性化解析
中村 千枝	カルボニル基の特異的表面吸着構造を利用した単結晶 ZnO ナノワイヤ分子認識表面の創成
野満 建至	W(110)上の単層および二層酸化鉄の構造と磁性
濱田 翔馬	低温プラズマ照射下における Mn 担持触媒のベンゼン分解特性
春瀬 祐太	Mg 単原子層におけるトンネル光電子顕微鏡の研究
百武 優佑	析出強化型ニッケル基合金の高温変形機構
廣津 丈	新規赤色応力発光体 $\text{LiNbO}_3:\text{Pr}^{3+}$ の組成制御による特性向上
藤原 匠	イノラーターベンザイン三連続環化付加を用いた置換トリプチセンの合成研究
堀 翔太郎	新規高窒素フェライト系耐熱鋼の高温強度
本田 佳暉	WC-Co 超硬合金の高靱性化機構
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飯 勇人	Me_3TACN 配位子を有する単核鉄(III)錯体を用いた高制御ラジカル重合
松本 あかね	イオン液体の天然ゴムからのポリイソブレンの抽出、NHC 原料への応用
牟田口 実咲	動的軸不斉を有する α, β -不飽和環状ケトンの設計, 合成と立体化学挙動に関する研究

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山崎 康平	多官能性モノマーを用いた高 Tg 電気光学ポリマーの合成
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山本 亮介	構造制御した CeO_2 および $\text{LaMnO}_3/\text{CeO}_2$ の触媒特性
吉崎 達	金属-担体間相互作用による Pt/TiO ₂ 触媒特性向上機構の検討
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渡辺 周平	電界誘起ガスエッチングによる電子源の作製と電界放出低速電子回折装置の開発
山崎 一読	イリジウム触媒を用いた官能基選択的ヒドロシラン還元反応の開発
遠藤 喜嗣	線維分散型足場材料の開発とシート状組織再生への応用
奥田 龍之介	酸素還元電極に用いるキトサン由来窒素ドーパカーボンの高性能化
金子 智也	La-Sr-Co-Fe 系ペロブスカイト型酸化物の熱膨張抑制に関する研究
黒尾 明弘	キラルシラシクロペンテノールの変換を基盤とするキラルシラシクロペンタン類の立体選択的合成
二宮 翔	軟 X 線吸収分光法とスペクトルシミュレーションによる低炭素鋼時効挙動の検討
吉田 祐樹	アルケンの光異性化を基盤とする面不斉中員環分子の合成とその立体化学挙動の研究

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出射 雅士	PANTA における D'Angelo mode の観測
西川 央哲	気液向流充填塔を用いた液体リチウム鉛からの水素同位回収
小山 智樹	アンテナ形状を考慮したマイクロ波放電式中和器内部の解析コード開発
城 慎之介	希土類酸化物の水素溶解挙動
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岩本 政隆	電気推進機から排出されるイオンとガス密度分布計測
板谷 佑太郎	協同トムソン散乱による磁気スラストチャンバー中のプラズマ計測
松本 光司	プラズマ中の活性種により誘導される植物の成長促進の特性とそのメカニズム
定松 大樹	200 MeV 重陽子入射中性子生成二重微分断面の系統的測定と核反応モデルの検証
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福田 郁未	Identification of axial structure of fluctuations in linear magnetized plasma
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多和 航希	Fourier-Bessel 関数展開と Stokes parameter を用いた直線プラズマにおける発光揺動ダイナミクスの解析
城戸 佑介	4 族金属硼化物と SUS304 との共存性
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徳満 優	Excitation region of ion diamagnetic mode in linearly magnetized plasma PANTA
龍 昊	QUEST における長時間放電時の対向壁からの水素排出特性
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三浦 翔悟	高周波酸素プラズマおよびチューブ内生成プラズマを用いた医療用チューブ内部の滅菌
大野 友嗣	Global mode Analysis of Ion-Temperature-Gradient Instabilities in Magnetized Cylindrical Plasmas
森玉 貴也	酸素溶解ジルコニウム中のトリチウム拡散
山下 隼	Ti 粉末混合フッ化物溶融塩材料の水素同位体透過挙動に関する研究
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松尾 大地	高精度レーザ誘起蛍光法を用いた HYPER-II 中の中性粒子枯渇現象の観測
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香西 秀亮	QUEST における 28GHz 高周波によるプラズマ電流立ち上げ時の硬 X 線計測
佐藤 俊輔	長寿命核分裂生成核種に対する陽子・重陽子入射核破砕反応の理論モデル解析
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佐藤 光流	低エネルギー宇宙線ミュオンスペクトルの計測手法開発

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岩村 泰郎	車線変更に対するリアクションを許した場合の交通流ジレンマ構造
衛藤 俊章	二次元後流と壁面乱流境界層の干渉に関する数値流体解析
沖崎 省太	超低周波用防音ハウスにおける ANC を用いた騒音低減に関する研究
小野 哲嗣	多数住戸の電力時系列データに関する統計解析
河村 高志	ディーゼル噴霧の空気導入に及ぼす噴射条件の影響評価
久我 一喜	1. Numerical prediction for health impact assessment -Epidemic modeling for effect of imperfect vaccination 2. Numerical analysis for first- and second-hand exposure to E-cigarette
佐藤 新見	ビッグデータを活用した住宅のユーティリティデマンド予測の高精度化
佐野 将史	副室式天然ガスエンジンにおけるトーチ火炎の燃焼解析
佐野 勇介	マルチスケール解析による大規模工場内の自然換気量予測と工場内労働者の経気道暴露量予測

上崎 皓貴	気道内熱水分移動解析を考慮した改良人体熱モデル
田浦 哲平	鉛直矩形流路内における低 GWP 冷媒 R1234ze(Z)の凝縮熱伝達特性
田村 航平	鉛直沸騰伝熱面を有するループ型サーモサイフンの性能評価
長谷川 周平	都市乱流境界層における開口を有する建物の通風に関する PIV 計測
八幡 将太郎	都市表面一大気間のスカラー輸送過程モデル化のための風洞模型実験
原 耕成	管内を伝播する圧力波における境界層の遷移と発達の特性に関する研究
原田 大	オブティカルフロー法と光学的可視化法を融合した高速流解析技術の開発
平山 順基	HFO 系冷媒を含む低 GWP 混合冷媒を用いたヒートポンプサイクルの性能評価
屋富祖 晃司	多孔質金属ブロックを利用した高熱伝導性複合吸着剤の開発
山内 裕太	極めて長い管路における弱い衝撃波の伝播特性
横山 幸之介	吸着剤細孔内における物質移動解析手法の確立
涌井 翔太郎	バイオミメティックスを目指したフクロウ翼に関する空力研究

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新開 勇星	垂直尾翼が円盤型水中グライダーの運動性能に与える影響についての研究
小原 健人	新型浮沈式潮流発電における成立性に関する基礎的研究
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田中 文弥	タレット係留した2枚翼浮体式洋上風車の起動時・暴風波浪待機時の動特性
香月 のどか	レーザー宇宙物理実験における非平衡プラズマによる協同トムソン散乱
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羽多 正吾	粒度分布を考慮した沿岸住宅域飛砂輸送シミュレーション
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西村 安芸子	Temporal and Spatial Variability of Urban Heat Island in Fukuoka Metropolitan Area, Japan
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古庄 智実	発電機トルク制御による可変速風車風洞試験模型のロータ慣性モーメント誤差補償法
境 勇輝	衛星搭載雲レーダとライダの同時利用による海面散乱断面積と降水の全球物理特性に関する研究
北島 鯉久人	TLP 型洋上浮体のアンカー設置方法に関する研究
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北方 大貴	衛星搭載分光放射計・雲レーダ・ライダーを組み合わせた氷雲物理特性の研究
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