

センター利用による研究成果

—平成 30 年度計算機利用結果報告書から—

【1501 生活科学一般】

1. A. K. Sharma, W. M. C. Sameera, Y. Takeda, S. Minakata : A computational study on the mechanism and origin of the regioselectivity and stereospecificity in Pd/SIPr-catalyzed ring-opening cross-coupling of 2-arylaziridines with aryl-boronic acids : ACS Catal., 2019

【2103 マイクロ・ナノデバイス】

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【4104 基礎解析学】

3. Kengo NAKAI, Yoshitaka SAIKI : Machine-learning inference of fluid variables from data using reservoir computing : Phys. Rev. E, Vol.98, No.2, pp.023111 - 023116, 2018

【4305 原子・分子・量子エレクトロニクス・プラズマ】

4. Jun Tokimoto, Shunji Tsuchiya, and Tetsuro Nikuni : Excitation of Higgs Mode in Superfluid Fermi Gas in BCS-BEC Crossover : Journal of Physical Society of Japan, Vol.88, No.023601, 2019

【4306 生物物理・化学物理】

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【4601 物理化学】

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9. Tatsuya Joutsuka and Akihiro Morita : Electrolyte and Temperature Effects on Third-Order Susceptibility in Sum Frequency Generation Spectroscopy of Aqueous Salt Solutions : J. Phys. Chem. C, Vol.122, No.21, pp.11407 - 11413, 2018

【4801 機能材料・デバイス】

10. Miho Itoi, Atsushi Okazawa, Jun-ichi Yamaura, Sachiko Maki, Tokutaro Komatsu, Isabelle Maurin, Epiphane Cadjovi, Kamel Boukheddaden, and Norimichi Kojima : Structural Insight into Order-Disorder Transition and Charge-Transfer Phase Transition in an Iron Mixed-Valence Complex (n-C₃H₇)₄N[Fe^{II}Fe^{III}(dto)₃] with a Two-Dimensional Honeycomb Network : Inorganic

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【4905 工学基礎】

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13. Shugo Yasuda and Ryo Ookawa : Solidification of a simple liquid near wall in high-speed shear flows : *Journal of Physics: Conference Series*, Vol.1136, pp.012027 - , 2018
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【5004 流体工学】

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25. 横嶋 哲, 菅野 雅也：壁の透過性が壁乱流の抵抗特性に及ぼす影響：第32回数値流体力学シンポジウム, pp.D04-3, 2018
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31. 長野 智絵・津守 博通・稲村 友彦・佐野 肇・小林 健一郎・佐山 敬洋・寶 馨 : 損害保険のための日本全域洪水リスク評価モデルの開発 (2) : リスク評価モデルの構築と適用例 : 自然災害科学, Vol.37, No.2, pp.191 - 203, 2018
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