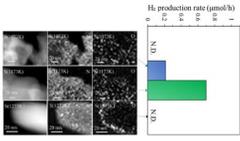




## 可視光応答型光触媒としての窒化GaOOHの構造および化学状態解析

Regular

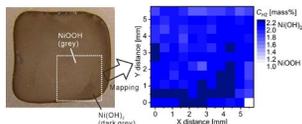


M. Yamamoto, Y. Kato, S. Yagi, T. Tanabe, T. Yoshida  
**Structural and Chemical State Analyses on Nitrided GaOOH as a Visible Light Response Photocatalyst**  
Vol. 20, Iss. 1, pp. 1-6 (2022) (Regular Paper)

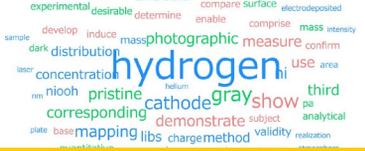


## レーザー誘起ブレイクダウン分光法に基づく水素マッピング法の有効性評価

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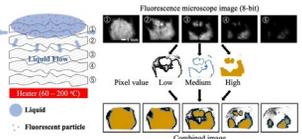


S. Imashuku, T. Kamimura, T. Kawaguchi, T. Ichitsubo  
**Evaluating the Validity of a Hydrogen Mapping Method Based on Laser-induced Breakdown Spectroscopy**  
Vol. 20, Iss. 1, pp. 7-12 (2022) (Regular Paper)

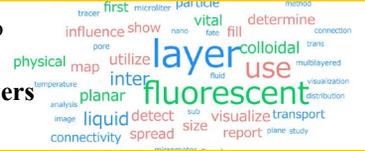


## コロイド状蛍光粒子を含む加熱グリセロール水混合液の多層バイオマス層内における液体輸送現象

Regular

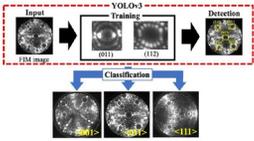


Y. Asanuma, T. N. Pratiwi, M. Wada, T. Iwai, I. Wuled Lenggoro  
**Liquid Transport of Heated Glycerol-Water Mixtures with Colloidal Fluorescent Particles through Multiple Biomass Layers**  
Vol. 20, Iss. 1, pp. 13-19 (2022) (Regular Paper)

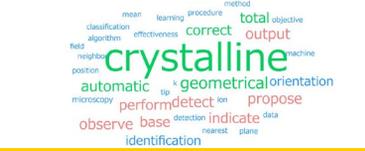


## 電界イオン顕微鏡写真の機械学習解析によるタングステンチップの結晶配向の同定

Regular

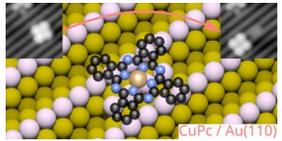


M. Yamada, T. Okazawa, S. Nagai, K. Hata  
**Identification of Crystalline Orientation of Tungsten Tips by Machine Learning Analysis of Field Ion Micrographs**  
Vol. 20, Iss. 1, pp. 20-24 (2022) (Regular Paper)



## Au(110)-(1x2)へのCuPc吸着：モノマーから周期的な鎖へ

Regular

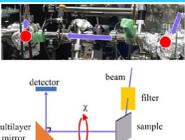


H. Koshida, Y. Takahashi, H. Okuyama, S. Hatta, T. Aruga  
**CuPc Adsorption on Au(110)-(1 x 2): From a Monomer to a Periodic Chain**  
Vol. 20, Iss. 1, pp. 25-30 (2022) (Regular Paper)



## 軟X線自由電子レーザーにおける高次高調波と試料の非線形光学信号の分離

Technical

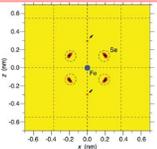


T. Sumi, M. Horio, T. Senoo, T. Wada, Y. Tsujikawa *et al.*  
**Separating Non-linear Optical Signals of a Sample from High Harmonic Radiation in a Soft X-ray Free Electron Laser**  
Vol. 20, Iss. 1, pp. 31-35 (2022) (Technical Note)



## 蛍光X線ホログラフィーによるFeSe高温超伝導体の3次元原子イメージ

ALC'21

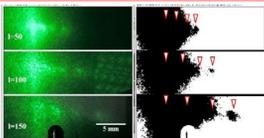


S. Hosokawa, N. Happo, K. Hayashi, T. Matsushita, A. Yamashita  
**Three-dimensional Atomic Image of FeSe High-temperature Superconductor by X-ray Fluorescence Holography**  
Vol. 20, Iss. 1, pp. 36-41 (2022) (ALC'21 Conference Paper)

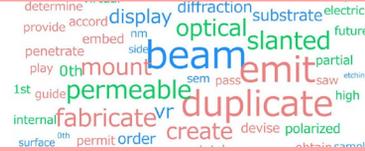


## ヘッドマウントディスプレイに設置した導波管カップラとディスプレイで構成されるビームデュプリケータ

ALC'21

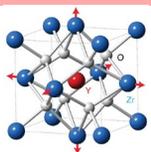


Y. Ogata  
**Beam Duplicator Consisting of a Waveguide Coupler and Display on a Head Mounted Display**  
Vol. 20, Iss. 1, pp. 42-50 (2022) (ALC'21 Conference Paper)



## 蛍光X線ホログラフィーによるイットリア安定化ジルコニアの局所構造解析

ALC'21



N. Happo, K. Hayashi, T. Matsushita, S. Hosokawa  
**Local Structure Analysis on Yttria-Stabilized Zirconia by X-ray Fluorescence Holography**  
Vol. 20, Iss. 1, pp. 51-57 (2022) (ALC'21 Conference Paper)

