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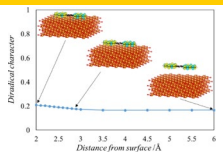
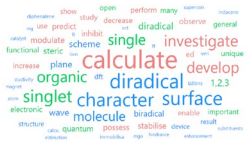
Focus on e-JSSNT

No. 181
July 2022

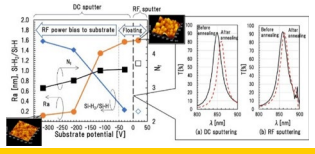
s-indaceno[1,2,3-cd;5,6,7-c'd']diphenaleneのMgO(001)との相互作用の有無によるジラジカル性 Regular



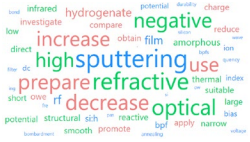
K. Tada, H. Ozaki, K. Fujimaru, Y. Kitagawa, T. Kawakami *et al.*
Diradical Characters of s-Indaceno[1,2,3-cd;5,6,7-c'd'] Diphenalene with and without Interaction with MgO(001)
Vol. 20, Iss. 2, pp. 59-67 (2022) (Regular Paper)



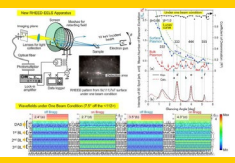
DCおよびRFスパッタリングによる短波長近赤外フィルタ用a-Si:Hの光学特性の基板電位依存性 Regular



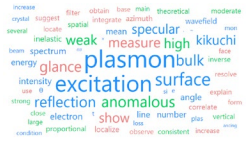
Y. Kawamata, H. Ito, H. Nikkuni, M. Ito
Substrate Potential Dependence of Optical Characteristics of a-Si:H for Shortwave Near-infrared Filter by DC and RF Sputtering
Vol. 20, Iss. 2, pp. 68-75 (2022) (Regular Paper)



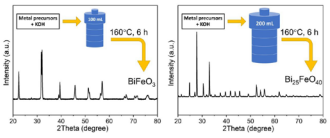
反射型高エネルギー電子線回折条件下におけるプラズモン励起と波動場の相関関係 Regular



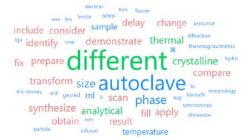
Y. Horio, H. Nakahara, J. Yuhara, Y. Takakuwa
Correlation between Plasmon Excitations and Wavefields under Reflection High-Energy Electron Diffraction Condition
Vol. 20, Iss. 2, pp. 76-84 (2022) (Regular Paper)



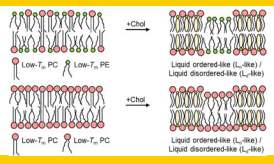
微結晶ビスマスフェライトの水熱処理による相変化に及ぼすスケールアップの影響 Regular



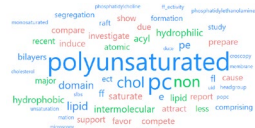
G. Sansom, R. Rattanakam, J. Jettanasen
Effects of Scaling Up on the Phase Evolution of Microcrystalline Bismuth Ferrite during Hydrothermal Process
Vol. 20, Iss. 2, pp. 85-89 (2022) (Regular Paper)



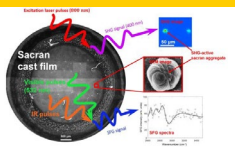
多価不飽和ホスファチジルコリンのコレステロール含有脂質二重膜における非ラフトドメイン形成能 Regular



M. W. S. Goh, R. Tero
Capability of Polyunsaturated Phosphatidylcholine for Non-raft Domain Formation in Cholesterol-containing Lipid Bilayers
Vol. 20, Iss. 2, pp. 90-97 (2022) (Regular Paper)

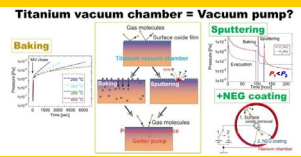


和周波発生と走査型電子顕微鏡によるサクラン凝集体の第二高調波活性構造 Regular

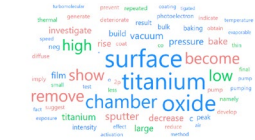


T. D. Phan, G. Mizutani , Y. Li, K. Budpud, K. Okeyoshi *et al.*
Sum-Frequency Generation and Scanning Electron Microscope Studies on Second-Harmonic Generation Active Structures of Sacran Aggregates
Vol. 20, Iss. 2, pp. 98-106 (2022) (Regular Paper)

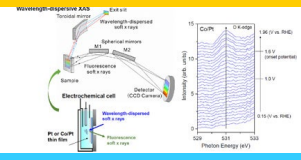
ゲッターポンプとしてのチタン製真空チャンバーの評価 Regular



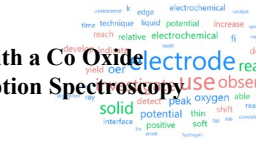
J. Kamiya, K. Takano, H. Yuza, K. Wada
Evaluation of Titanium Vacuum Chamber as Getter Pump
Vol. 20, Iss. 2, pp. 107-118 (2022) (Regular Paper)



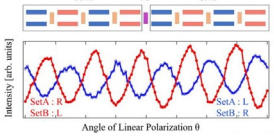
蛍光収量波長分散型軟X線吸収分光法を用いたCo酸化物触媒の電気化学的酸素発生反応のオペランド観察 Regular



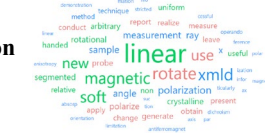
K. Sakata, K. Amemiya
***Operando* Observation of the Electrochemical Oxygen Evolution Reaction with a Co Oxide Catalyst Using Fluorescence-yield Wavelength-Dispersive Soft X-ray Absorption Spectroscopy**
Vol. 20, Iss. 2, pp. 119-123 (2022) (Regular Paper)



分割型クロスアンジュレータで発生した軟X線の偏光角回転によるX線磁気線形二色性の測定 Technical



Y. Kudo, M. Horio, T. Sumi, T. Wada, Y. Hirata, T. Ohkochi *et al.*
Measurement of X-ray Magnetic Linear Dichroism by Rotating Polarization Angle of Soft X-ray Generated by a Segmented Cross Undulator
Vol. 20, Iss. 2, pp. 124-127 (2022) (Technical Note)



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