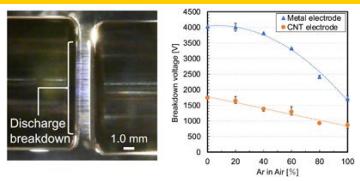
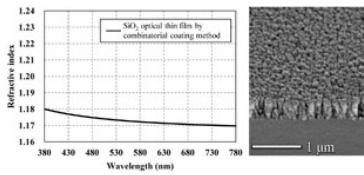


カーボンナノチューブ電極を用いたガス放電破壊電圧のガス組成依存性



Kohei Yamamoto, Rendai Takasaki, Hideki Sato
Dependence of Gas Discharge Breakdown Voltage on Gas Composition Using Carbon Nanotube Electrode
 Vol. 22, Iss. 3, pp. 241-245 (2024) (Regular Paper)

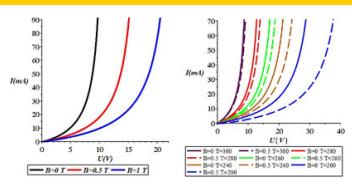
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スパッタリングと電子ビーム蒸着による高機械的強度の超低屈折率SiO₂光学薄膜

Naoya Tajima, Hiroshi Murotani, Takayuki Matsudaira
Ultra-low Refractive Index SiO₂ Optical Thin Film with High Mechanical Strength by Sputtering and Electron Beam Evaporation
 Vol. 22, Iss. 3, pp. 246-255 (2024) (Regular Paper)

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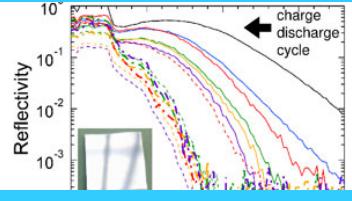
磁場中におけるp-n接合ダイオードの特性に及ぼす温度の影響



Gafur Gulyamov, Gulnoza Majidova, Saodat Madumarova, Feruza Mukhiddinova
Influence of Temperature on Characteristics of a Diode with a p-n Junction in a Magnetic Field
 Vol. 22, Iss. 3, pp. 256-260 (2024) (Regular Paper)

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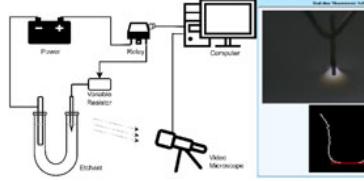
X線全反射による亜鉛負極電池の固液界面構造のその場観察



Yasuhiro Takabayashi, Takahiro Yoshikawa, Kairi Fujii, Keisuke Kibino, Koji Kimura, So Fujinami, Koichi Hayashi
In-situ Study of Solid-Liquid Interface Structure of Zinc-anode Battery by X-ray Total Reflection
 Vol. 22, Iss. 3, pp. 261-265 (2024) (Technical Note)

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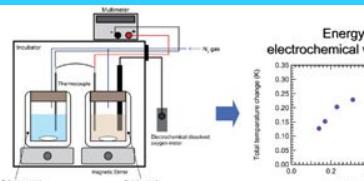
電解腐食における単結晶タンゲステンマイクロチップのリアルタイム画像ベース制御技術



Sun Wanzhong, Yin Shengyi, Guo Jiamei, Zhang Yongqing
Real-time Image-based Control Technique of Single Crystal Tungsten Microtips in Electrochemical Corrosion
 Vol. 22, Iss. 3, pp. 266-272 (2024) (Technical Note)

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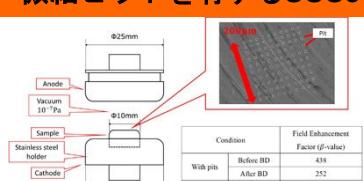
非平衡エネルギー学のための生物系における酸素消費速度と熱発生の同時測定



Nuning Anugrah Putri Namari, Mo Yan, Junji Nakamura, Kotaro Takeyasu
Simultaneous Measurement of Oxygen Consumption Rate and Thermogenesis in Biological Systems for Non-equilibrium Energetics
 Vol. 22, Iss. 3, pp. 273-278 (2024) (Technical Note)

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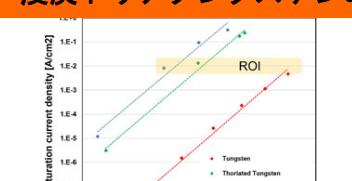
微細ピットを有するSUS304電極の真空破壊と電界放出特性に関する基礎研究



Kohei Hishikawa, Yasushi Yamano
Basic Research on Vacuum Breakdown and Field Emission Characteristics on SUS304 Electrode with Micro-sized Pits
 Vol. 22, Iss. 3, pp. 279-282 (2024) (Proceeding Paper)

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浸炭トリアタンゲステンの物理化学的構造と熱電子放出への影響



Daniel Velazquez, Wayne Ohlinger, Bernard Vancil, Frank Smith, Brian Riordan, Robin Langtry
Physicochemical Structure of Carburized Thoriated Tungsten and Its Effect on Thermionic Emission
 Vol. 22, Iss. 3, pp. 283-286 (2024) (Proceeding Paper)

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 Analyzed by User Local text mining tool
 (https://textmining.userlocal.jp/)