

Ryo Kikuchi

List of Publications by Year in descending order

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| # | ARTICLE | IF | CITATIONS |
|---|--|-----|-----------|
| 1 | Excitation Temperature Imaging of Vacuum Arc Based on Two-Line Radiance Method. IEEE Transactions on Plasma Science, 2021, 49, 1955-1961. | 1.3 | 11 |
| 2 | Electron and Neutral Density Distributions of Vacuum Arcs Under Anode-Spot Mode. IEEJ Transactions on Fundamentals and Materials, 2021, 141, 407-408. | 0.2 | 0 |
| 3 | Examination of Excitation Temperature of Vacuum Arc Based on Collisional-Radiative Model. IEEE Transactions on Plasma Science, 2021, 49, 1948-1954. | 1.3 | 9 |
| 4 | Experimental Study on Re-ignition Process in CO ₂ / C ₂ F ₆ Gas Mixture Flow after Application of Quasi-Transient Recovery Voltage. IEEJ Transactions on Electrical and Electronic Engineering, 2021, 16, 1672. | 1.4 | 1 |
| 5 | Recovery of Withstanding Voltage After Direct Current Interruption Using Vacuum Circuit Breakers. IEEE Transactions on Plasma Science, 2021, 49, 3919-3926. | 1.3 | 4 |
| 6 | A Systematic Comparison of Intense-Mode Vacuum Arc Between CuCr and AgWC Electrode by Using Various Optical Diagnostics. IEEE Transactions on Plasma Science, 2020, 48, 2224-2236. | 1.3 | 7 |
| 7 | Influence of CuCr electrode composition on 2D electron and metal vapor density distribution over vacuum arc. Journal Physics D: Applied Physics, 2020, 53, 305201. | 2.8 | 7 |
| 8 | Initiation Process of Vacuum Breakdown Between Cu and CuCr Electrodes. IEEE Transactions on Plasma Science, 2019, 47, 5191-5197. | 1.3 | 9 |