

# 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	Initiation Process of Vacuum Breakdown Between Cu and CuCr Electrodes. IEEE Transactions on Plasma Science, 2019, 47, 5191-5197.	1.3	9
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	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
5	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
6	Recovery of Withstanding Voltage After Direct Current Interruption Using Vacuum Circuit Breakers. IEEE Transactions on Plasma Science, 2021, 49, 3919-3926.	1.3	4
7	Experimental Study on Re-ignition Process in CO <sub>2</sub> / C <sub>2</sub> F <sub>6</sub> Gas Mixture Flow after Application of Quasi-Transient Recovery Voltage. IEEJ Transactions on Electrical and Electronic Engineering, 2021, 16, 1672.	1.4	1
8	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