

# Ju-Hong Cha

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Characteristics of Multiple Plasma Plumes and Formation of Bullets in an Atmospheric- Pressure Plasma Jet Array. IEEE Transactions on Plasma Science, 2015, 43, 753-759.	0.6	28
2	Surface treatment of glass and poly(dimethylsiloxane) using atmospheric-pressure plasma jet and analysis of discharge characteristics. Japanese Journal of Applied Physics, 2015, 54, 01AE06.	0.8	8
3	Two-dimensional fluid simulation of pulsed-power inductively coupled Ar/H <sub>2</sub> discharge. Journal Physics D: Applied Physics, 2021, 54, 165205.	1.3	4
4	A Linear Microwave Plasma Source Using a Circular Waveguide Filled with a Relatively High-Permittivity Dielectric: Comparison with a Conventional Quasi-Coaxial Line Waveguide. Applied Sciences (Switzerland), 2021, 11, 5358.	1.3	3
5	A Study on the Effect of O <sub>2</sub> Diffusion on the Retention Time of Inert Agents. Applied Sciences (Switzerland), 2020, 10, 6694.	1.3	1
6	Study of a SiC Trench MOSFET Edge-Termination Structure with a Bottom Protection Well for a High Breakdown Voltage. Applied Sciences (Switzerland), 2020, 10, 753.	1.3	1
7	A Study on Beam Extraction Characteristics of RF and DC Filament Ion Source for High Current Ion Implanters. Applied Science and Convergence Technology, 2021, 30, 92-94.	0.3	1
8	Two-dimensional fluid simulation of inductively coupled N <sub>2</sub> /NH <sub>3</sub> /SiH <sub>4</sub> discharge. Journal Physics D: Applied Physics, 2022, 55, 035203.	1.3	0
9	Energy-Controlled Atmospheric-Pressure Micro-Plasma Using Multistep External Ballast Capacitors. IEEE Transactions on Plasma Science, 2021, 49, 3823-3831.	0.6	0