

Seung Ho Song

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Design and Implementation of 3-kW Simmer and 30-kV DC Trigger Power Supply System for Driving Xenon Flash Lamps in Large-Area Processes. IEEE Transactions on Industrial Electronics, 2022, 69, 11999-12008.	7.9	3
2	Solid-State Pulsed Power Modulator for 9.3 GHz 1.7 MW X-Band Magnetron. IEEE Transactions on Industrial Electronics, 2021, 68, 1148-1154.	7.9	15
3	Solid-State Bipolar Pulsed Power Modulator for High-Efficiency Production of Plasma Activated Water. IEEE Transactions on Industrial Electronics, 2021, 68, 10634-10642.	7.9	3
4	Current-Loop Gate-Driving Circuit for Solid-State Marx Modulator With Fast-Rising Nanosecond Pulses. IEEE Transactions on Power Electronics, 2021, 36, 8953-8961.	7.9	6
5	MOSFET Gate Driver Circuit Design for High Repetitive (200 kHz) High Voltage (10 kV) Solid-State Pulsed-Power Modulator. IEEE Transactions on Power Electronics, 2021, 36, 10461-10469.	7.9	8
6	A Low Cost, Fast-Rising, High-Voltage Pulsed Power Modulator Based on a Discontinuous Conduction Mode Flyback Converter. IEEE Transactions on Plasma Science, 2020, 48, 4387-4393.	1.3	4
7	Study on the High-Voltage Solid-State Pulsed-Power Modulator for Parallel Reactor Operation. IEEE Transactions on Plasma Science, 2019, 47, 4495-4499.	1.3	6
8	Solid-State Bipolar Pulsed-Power Modulator Based on a Half-Bridge Power Cell Structure. IEEE Transactions on Plasma Science, 2019, 47, 4466-4472.	1.3	2
9	Integrated 15-kV DC Trigger and Simmer Power Supply for Light Sintering. IEEE Transactions on Plasma Science, 2019, 47, 4473-4480.	1.3	0
10	A Novel Series-Connected Xenon Lamp Power Supply System Using a Pulse Trigger With Simmer Circuits for Pulsed Light Sintering Application. IEEE Transactions on Industrial Electronics, 2019, 66, 233-244.	7.9	4
11	Design and Implementation of Novel Series Trigger Circuit for Xenon Flash Lamp Driver. IEEE Transactions on Plasma Science, 2018, 46, 3584-3590.	1.3	6
12	Study of Exhaust Air Treatment From a Ship Building Factory Painting Facility Using Pulse Plasma Technology. IEEE Transactions on Plasma Science, 2018, 46, 3552-3556.	1.3	8
13	A 120-kV, 5-kA Multipurpose Pulsed-Power Generator Using a Semiconductor Switch and Magnetic Pulse Compression. IEEE Transactions on Plasma Science, 2017, 45, 2678-2682.	1.3	3
14	Development of a 1.5 kV, 1.2 kA Pulsed-Power Supply for Light Sintering. IEEE Transactions on Plasma Science, 2017, 45, 2683-2690.	1.3	3
15	Analysis and implementation of power supply system for xenon lamp. , 2017, , .		0