

Noriyuki Hayashi

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

167
citations

1478505

6
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1199594

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docs citations

30
times ranked

82
citing authors

#	ARTICLE	IF	CITATIONS
1	Influence of Wind and Conductor Potential on Distributions of Electric Field and Ion Current Density at Ground Level in DC High Voltage Line to Plane Geometry. IEEE Transactions on Power Apparatus and Systems / Technical Operations Committee, 1982, PAS-101, 803-814.	0.4	76
2	Influence of Wind and Conductor Potential on Distributions of Electric Field and Ion Current Density at Ground Level in DC High Voltage Line to Plane Geometry. IEEE Power Engineering Review, 1982, PER-2, 27-28.	0.1	13
3	Properties of ball lightning generated by a pulsed discharge on surface of an electrolyte in the atmosphere. IEEJ Transactions on Electrical and Electronic Engineering, 2008, 3, 731-733.	1.4	13
4	General Nature of Luminous Body Transition Produced by Pulsed Discharge on an Electrolyte Solution in the Atmosphere. IEEJ Transactions on Electrical and Electronic Engineering, 2009, 4, 674-676.	1.4	8
5	Fabrication of Functionally Graded Epoxy Resin with Alumina Fillers and its Simulation by Using a Centrifugal Method. IEEJ Transactions on Fundamentals and Materials, 2004, 124, 598-606.	0.2	7
6	Heart current in an anatomically realistic human model due to contact with a low-frequency energized source. IEEJ Transactions on Electrical and Electronic Engineering, 2009, 4, 306-308.	1.4	7
7	Corona Discharge Mechanism and Breakdown Voltage Characteristics from Metallic Floating Particle in SF6 Gas under dc Voltage. , 2006, , .		6
8	Numerical Calculation of Internal Human Body Resistances at Power Frequency, and Comparison of them with Experimental Ones. IEEJ Transactions on Fundamentals and Materials, 2011, 131, 178-184.	0.2	5
9	Viscosity of Unimodal and Bimodal Alumina/Epoxy Mixtures. IEEJ Transactions on Fundamentals and Materials, 2005, 125, 272-273.	0.2	4
10	Numerical analysis of electrical characteristics of a PV module irradiated by an impulse light flash. Journal of International Council on Electrical Engineering, 2018, 8, 8-13.	0.4	4
11	Numerical Characterization of Dosimetry, Human Body Resistance and Heart Current Resulting from Powerâ€Frequency Touch Current for an Anatomically Realistic Human Model. IEEJ Transactions on Electrical and Electronic Engineering, 2009, 4, 523-533.	1.4	3
12	Numerical analysis of Iâ€V characteristics and diode currents of a PV module reflected by partial shadow. , 2016, , .		3
13	Electric fields induced inside numerical human model standing on ground plane with elevated arms in uniform electric field at power frequency. Electronics and Communications in Japan, 2018, 101, 3-10.	0.5	3
14	Effects of Filler Shape on Property of Functionally Graded Alumina/Epoxy Composite Fabricated by a Centrifugal Method. IEEJ Transactions on Fundamentals and Materials, 2006, 126, 518-524.	0.2	2
15	Improved method to simulate gradient in alumina packing fraction in alumina/epoxy composite fabricated by a centrifugal method. IEEJ Transactions on Electrical and Electronic Engineering, 2006, 1, 194-206.	1.4	2
16	Creeping flashover phenomenon on ZnO element used for surge arrester. Journal of Electrostatics, 2018, 94, 80-84.	1.9	2
17	Measurements of Ion Flow Electrification Quantities on Objects in a Uniform Field. IEEJ Transactions on Fundamentals and Materials, 1980, 100, 189-196.	0.2	2
18	Profiles of electric field and ion current at grounded level in single line to plane gaps with dc high voltage. Electrical Engineering in Japan (English Translation of Denki Gakkai Ronbunshi), 1981, 101, 7-14.	0.4	1

#	ARTICLE	IF	CITATIONS
19	Effects of Electrode Systems on Numerical Estimation of Internal Human Body Impedance at Power Frequency. IEEJ Transactions on Electrical and Electronic Engineering, 2010, 5, 118-120.	1.4	1
20	Chemical Analysis of Casual Elements for Deterioration of Cylindrical EDLC. Electronics and Communications in Japan, 2016, 99, 36-43.	0.5	1
21	Performance evaluation of preconditioning method for in-body current density analysis using numerical human model. Journal of Advanced Simulation in Science and Engineering, 2018, 5, 29-47.	0.2	1
22	Effect of Human Model Height and Sex on Induced Current Dosimetry in Household Induction Heater Users. IEEJ Transactions on Fundamentals and Materials, 2006, 126, 947-948.	0.2	1
23	Chemical Analysis of Causal Elements for Deterioration of Cylindrical EDLC. IEEJ Transactions on Fundamentals and Materials, 2015, 135, 792-798.	0.2	1
24	Estimation of Electric Field Induced in Homogeneous Human Body Model Standing in Uniform Electric Field at Power Frequency. IEEJ Transactions on Fundamentals and Materials, 2019, 139, 697-698.	0.2	1
25	Numerical Simulation of a Centrifugal Process to Fabricate Spherical-Alumina Graded Epoxy Resin. , 2006, , .		0
26	Long-Term Observation of Ambient Temperature Effects on the Performance of A 60 kW CIGS Solar Power System Installed in Miyazaki. , 2018, , .		0
27	Examination of Compact and Online Diagnosis Methods Based on Temporal Fluctuation of String Currents of a Photovoltaic Solar Plant. , 2018, , .		0
28	Modification of Procedure to Estimate Viscosity of Bimodal Alumina/Epoxy Mixtures during a Centrifugal Process. IEEJ Transactions on Fundamentals and Materials, 2005, 125, 850-851.	0.2	0
29	Title is missing!. IEEJ Transactions on Fundamentals and Materials, 1981, 101, 387-394.	0.2	0
30	Electric Fields Induced inside Numerical Human Model Standing on Ground Plane with Elevated Arms in Uniform Electric Field at Power Frequency. IEEJ Transactions on Fundamentals and Materials, 2018, 138, 322-328.	0.2	0