

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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30
all docs

30
docs citations

30
times ranked

82
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Long-Term Observation of Ambient Temperature Effects on the Performance of A 60 kW CIGS Solar Power System Installed in Miyazaki. , 2018, , .		0
3	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
4	Examination of Compact and Online Diagnosis Methods Based on Temporal Fluctuation of String Currents of a Photovoltaic Solar Plant. , 2018, , .		0
5	Creeping flashover phenomenon on ZnO element used for surge arrester. Journal of Electrostatics, 2018, 94, 80-84.	1.9	2
6	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
7	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
8	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
9	Numerical analysis of I-V characteristics and diode currents of a PV module reflected by partial shadow. , 2016, , .		3
10	Chemical Analysis of Casual Elements for Deterioration of Cylindrical EDLC. Electronics and Communications in Japan, 2016, 99, 36-43.	0.5	1
11	Chemical Analysis of Causal Elements for Deterioration of Cylindrical EDLC. IEEJ Transactions on Fundamentals and Materials, 2015, 135, 792-798.	0.2	1
12	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
13	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
14	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
15	Numerical Characterization of Dosimetry, Human Body Resistance and Heart Current Resulting from Power-Frequency Touch Current for an Anatomically Realistic Human Model. IEEJ Transactions on Electrical and Electronic Engineering, 2009, 4, 523-533.	1.4	3
16	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
17	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
18	Numerical Simulation of a Centrifugal Process to Fabricate Spherical-Alumina Graded Epoxy Resin. , 2006, , .		0

#	ARTICLE	IF	CITATIONS
19	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
20	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
21	Corona Discharge Mechanism and Breakdown Voltage Characteristics from Metallic Floating Particle in SF6 Gas under dc Voltage. , 2006, , .		6
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	Viscosity of Unimodal and Bimodal Alumina/Epoxy Mixtures. IEEJ Transactions on Fundamentals and Materials, 2005, 125, 272-273.	0.2	4
24	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
25	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
26	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
27	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
28	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
29	Title is missing!. IEEJ Transactions on Fundamentals and Materials, 1981, 101, 387-394.	0.2	0
30	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