M I Baranov

List of Publications by Citations

13 papers	22 citations	2 h-index	4 g-index
44 ext. papers	28 ext. citations	0.4 avg, IF	1.46 L-index

#	Paper	IF	Citations
13	A current generator of the artificial lightning for full-scale tests of engineering objects. *Instruments and Experimental Techniques*, **2008**, 51, 401-405	0.5	8
12	A generator of aperiodic current pulses of artificial lightning with a rationed temporal form of 10 /350 with an amplitude of (100200) kA. *Instruments and Experimental Techniques*, **2015**, 58, 745-750	0.5	4
11	High-voltage high-current air-filled spark gaps of an artificial-lightning-current generator. *Instruments and Experimental Techniques*, **2008**, 51, 833-837	0.5	2
10	Electrothermal Action of the Pulse of the Current of a Short Artificial-Lightning Stroke on Test Specimens of Wires and Cables of Electric Power Objects. *Journal of Engineering Physics and Thermophysics*, **2018**, 91, 544-555	0.6	1
9	Erosion of Electrodes in a Switchboard of a High-Voltage Electrophysical Plant. *Russian Electrical Engineering*, **2019**, 90, 37-42	0.5	1
8	Local heating of electrical pathways of power electrical equipment under emergency conditions and overcurrents. *Russian Electrical Engineering*, **2014**, 85, 354-357	0.5	1
7	Improvement of resistance protection of high-voltage capacitors of powerful capacitive energy storage systems from emergency overcurrent. *Russian Electrical Engineering*, **2017**, 88, 19-22	0.5	1
6	Influence of the thermal action of artificially-initiated lightning current on specimens of the metal skin of an aircraft. *Journal of Engineering Physics and Thermophysics*, **2009**, 82, 978-987	0.6	1
5	The Coaxial Shunt for Measurement of Current Pulses of Artificial Lightning with the Amplitude up to 220 kA. *Instruments and Experimental Techniques*, **2018**, 61, 501-505	0.5	0
4	Characteristics of Impulse Arc Discharge in the Circuit of a Powerful Capacitive Energy Storage Device. *Russian Electrical Engineering*, **2019**, 90, 233-238	0.5	
3	A switching aperiodic superhigh-voltage pulse generator for testing the electric strength of insulation of technical objects. *Instruments and Experimental Techniques*, **2013**, 56, 653-658	0.5	
2	Frequency dependence of phase shift between exciting and induction pulse currents in inductor-detail electromagnetic systems. *Russian Electrical Engineering*, **2010**, 81, 199-204	0.5	
1	Relationship between retardation of excitation and pulse currents and its frequency in inductor-unit electromagnetic system. *Russian Electrical Engineering*, **2010**, 81, 509-514	0.5	