

M I Baranov

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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 | Erosion of Electrodes in a Switchboard of a High-Voltage Electrophysical Plant. <i>Russian Electrical Engineering</i> , 2019 , 90, 37-42 | 0.5 | 1 |
| 12 | Characteristics of Impulse Arc Discharge in the Circuit of a Powerful Capacitive Energy Storage Device. <i>Russian Electrical Engineering</i> , 2019 , 90, 233-238 | 0.5 | |
| 11 | 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. <i>Journal of Engineering Physics and Thermophysics</i> , 2018 , 91, 544-555 | 0.6 | 1 |
| 10 | The Coaxial Shunt for Measurement of Current Pulses of Artificial Lightning with the Amplitude up to 220 kA. <i>Instruments and Experimental Techniques</i> , 2018 , 61, 501-505 | 0.5 | 0 |
| 9 | Improvement of resistance protection of high-voltage capacitors of powerful capacitive energy storage systems from emergency overcurrent. <i>Russian Electrical Engineering</i> , 2017 , 88, 19-22 | 0.5 | 1 |
| 8 | A generator of aperiodic current pulses of artificial lightning with a rationed temporal form of 10 μ s/350 μ s with an amplitude of 100-200 kA. <i>Instruments and Experimental Techniques</i> , 2015 , 58, 745-750 | 0.5 | 4 |
| 7 | Local heating of electrical pathways of power electrical equipment under emergency conditions and overcurrents. <i>Russian Electrical Engineering</i> , 2014 , 85, 354-357 | 0.5 | 1 |
| 6 | A switching aperiodic superhigh-voltage pulse generator for testing the electric strength of insulation of technical objects. <i>Instruments and Experimental Techniques</i> , 2013 , 56, 653-658 | 0.5 | |
| 5 | Frequency dependence of phase shift between exciting and induction pulse currents in inductor-detail electromagnetic systems. <i>Russian Electrical Engineering</i> , 2010 , 81, 199-204 | 0.5 | |
| 4 | Relationship between retardation of excitation and pulse currents and its frequency in inductor-unit electromagnetic system. <i>Russian Electrical Engineering</i> , 2010 , 81, 509-514 | 0.5 | |
| 3 | Influence of the thermal action of artificially-initiated lightning current on specimens of the metal skin of an aircraft. <i>Journal of Engineering Physics and Thermophysics</i> , 2009 , 82, 978-987 | 0.6 | 1 |
| 2 | A current generator of the artificial lightning for full-scale tests of engineering objects. <i>Instruments and Experimental Techniques</i> , 2008 , 51, 401-405 | 0.5 | 8 |
| 1 | High-voltage high-current air-filled spark gaps of an artificial-lightning-current generator. <i>Instruments and Experimental Techniques</i> , 2008 , 51, 833-837 | 0.5 | 2 |