

Valery A Pavlov

List of Publications by Year in descending order

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9
papers

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citations

2682572

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2053705

5
g-index

9
all docs

9
docs citations

9
times ranked

9
citing authors

#	ARTICLE	IF	CITATIONS
1	Plasma effect of the Houston horse. Journal of Applied Mechanics and Technical Physics, 2015, 56, 361-368.	0.5	0
2	Influence of the Thomson effect on the pulse heating of high-current electrical contacts. Technical Physics, 2014, 59, 1409-1412.	0.7	1
3	Nonlinear evolution of the atmosphere above a seismic epicenter: 1. Analytical estimates. Geomagnetism and Aeronomy, 2013, 53, 794-803.	0.8	1
4	On the mechanism of reverse motion of a cathode spot. Journal of Applied Mechanics and Technical Physics, 2012, 53, 309-315.	0.5	0
5	Effect of the spreading of the contact spot on the pulsed heating of electrodes. Surface Engineering and Applied Electrochemistry, 2011, 47, 362-369.	0.8	2
6	Verification of the boundaries of the applicability of the holm approximation for the calculation of the resistance of electric contacts. Surface Engineering and Applied Electrochemistry, 2010, 46, 440-446.	0.8	6
7	Kinematic model for long streamers. self-similar description of the streamer evolution. Journal of Applied Mechanics and Technical Physics, 2010, 51, 800-808.	0.5	1
8	Weakly ionized plasma in a supersonic plasma flow. Plasma Physics Reports, 2002, 28, 479-483.	0.9	1
9	Ion-acoustic "Houston's horse" effect. Plasma Physics Reports, 2000, 26, 507-511.	0.9	7