

# Nikolay Egorov

## List of Publications by Year in descending order

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12  
papers

58  
citations

1684188

5  
h-index

1588992

8  
g-index

12  
all docs

12  
docs citations

12  
times ranked

16  
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental and numerical investigation of the emission properties of a cathode with a W-Cs3Sb coating. Journal of Surface Investigation, 2012, 6, 906-910.	0.5	5
2	Technique for investigating the spatial structure of thin films at a nanolevel. Journal of Surface Investigation, 2011, 5, 992-995.	0.5	7
3	Mathematical modeling of a diode system based on a field emitter. Technical Physics, 2011, 56, 1219-1224.	0.7	7
4	Calculation of the electrostatic potential of the diode system based on a sharp-edged field cathode. Technical Physics, 2010, 55, 591-594.	0.7	9
5	Processing and identification of field-emission images of metallic surfaces. Journal of Surface Investigation, 2009, 3, 165-171.	0.5	2
6	Determination of the coefficient of electron transmission using temperature measurements. Journal of Surface Investigation, 2009, 3, 826-832.	0.5	0
7	Surface reconstruction of a field electron emitter. Journal of Surface Investigation, 2009, 3, 833-839.	0.5	17
8	Efficient electron sources utilizing the effect of field emission. Technical Physics, 2009, 54, 916-918.	0.7	1
9	Comparison of autoemission properties of tungsten/n-and p-type semiconductor systems. Journal of Surface Investigation, 2008, 2, 748-750.	0.5	1
10	Calculation of the electrostatic field of a system of spherical segments. Technical Physics, 2008, 53, 1086-1090.	0.7	5
11	Study of the emission properties of a W-Cs3Sb field-emission cathode. Journal of Surface Investigation, 2007, 1, 487-492.	0.5	1
12	Calculation of the electrostatic field produced by a system of coaxial axially symmetric electrodes. Journal of Communications Technology and Electronics, 2007, 52, 212-217.	0.5	3