

Maxim Cheremisin

List of Publications by Year in descending order

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9
papers

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citations

2258059

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2053705

5
g-index

9
all docs

9
docs citations

9
times ranked

36
citing authors

#	ARTICLE	IF	CITATIONS
1	Nonlinear regime of the current instability in a ballistic field effect transistor. Physical Review B, 2002, 65, .	3.2	11
2	Terahertz plasma wave generation in ultrashort-channel field effect transistors: The essential role of carrier drift velocity saturation. Journal of Applied Physics, 2006, 99, 123707.	2.5	5
3	MAGNETOTRANSPORT IN DILUTE 2D SI-MOSFET SYSTEM. International Journal of Modern Physics B, 2004, 18, 3609-3612.	2.0	3
4	Thermal Correction to Resistivity in Dilute Si-MOSFET Two-Dimensional Systems. Journal of Experimental and Theoretical Physics, 2005, 100, 597.	0.9	3
5	Quasi-static capacitance of a MOS-FET upon saturation of the carrier drift velocity. Semiconductors, 1997, 31, 241-245.	0.5	1
6	Influence of retardation effects on a 2D magnetoplasmon spectrum. JETP Letters, 2004, 80, 271-273.	1.4	1
7	Resonance terahertz detection in ungated two-dimensional electron gas. Journal of Applied Physics, 2009, 106, 104501.	2.5	1
8	Current-induced light emission by narrow-gap semiconductors in a magnetic field. Semiconductor Science and Technology, 1995, 10, 1489-1493.	2.0	0
9	Noise rectifier based on the two-dimensional electron gas. Journal of Experimental and Theoretical Physics, 2012, 115, 492-495.	0.9	0