

Anatoly A Ignatov

List of Publications by Year in descending order

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7
papers

419
citations

1684188

5
h-index

1720034

7
g-index

7
all docs

7
docs citations

7
times ranked

132
citing authors

#	ARTICLE	IF	CITATIONS
1	The non-linear terahertz response of hot electrons in low-dimensional semiconductor superlattices: Suppression of the polar-optical phonon scattering. <i>Journal of Applied Physics</i> , 2017, 122, .	2.5	3
2	Semiconductor superlattice diodes for detection of terahertz photons: The role of hybridization of the plasma and polar-optical phonon modes. <i>Journal of Applied Physics</i> , 2014, 116, .	2.5	2
3	Excitation of relaxation oscillations in a semiconductor superlattice by incident waves: efficient terahertz harmonics generation. <i>Semiconductor Science and Technology</i> , 2011, 26, 055015.	2.0	8
4	Current responsivity of semiconductor superlattice THz-photon detectors. <i>Journal of Applied Physics</i> , 1999, 85, 3643-3654.	2.5	34
5	THz-field induced nonlinear transport and dc voltage generation in a semiconductor superlattice due to Bloch oscillations. <i>European Physical Journal B</i> , 1995, 98, 187-195.	1.5	87
6	Esaki-Tsu superlattice oscillator: Josephson-like dynamics of carriers. <i>Physical Review Letters</i> , 1993, 70, 1996-1999.	7.8	161
7	TRANSIENT RESPONSE THEORY OF SEMICONDUCTOR SUPERLATTICES: CONNECTION WITH BLOCH OSCILLATIONS. <i>Modern Physics Letters B</i> , 1991, 05, 1087-1094.	1.9	124