

Anatoly A Ignatov

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6653044/publications.pdf>

Version: 2024-02-01

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