

Haluk Aafak

List of Publications by Year in descending order

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11
papers

392
citations

1163117

8
h-index

1281871

11
g-index

11
all docs

11
docs citations

11
times ranked

220
citing authors

#	ARTICLE	IF	CITATIONS
1	Nonlinear optical rectification in asymmetrical semiparabolic quantum wells. Solid State Communications, 2005, 135, 735-738.	1.9	138
2	Nonlinear optical rectification in semiparabolic quantum wells with an applied electric field. Physica B: Condensed Matter, 2005, 368, 82-87.	2.7	69
3	Second harmonic generation in an asymmetric rectangular quantum well under hydrostatic pressure. Physica B: Condensed Matter, 2007, 393, 133-138.	2.7	43
4	Analysis of I-V measurements on Ag/p-SnS and Ag/p-SnSe Schottky barriers. Solid-State Electronics, 2002, 46, 49-52.	1.4	37
5	Temperature dependence of current-voltage characteristics of Ag/p-SnS Schottky barrier diodes. Applied Surface Science, 2005, 242, 412-418.	6.1	29
6	Optical properties of modified epoxy resin with various oxime derivatives in the UV-VIS spectral region. Journal of Applied Polymer Science, 2011, 120, 1490-1495.	2.6	22
7	Intersubband resonant enhancement of the nonlinear optical properties in compositionally asymmetric and interdiffused quantum wells. Journal of Applied Physics, 2008, 103, 103116.	2.5	21
8	EFFICIENCY OF GENETIC ALGORITHM AND DETERMINATION OF GROUND STATE ENERGY OF IMPURITY IN A SPHERICAL QUANTUM DOT. International Journal of Modern Physics C, 2003, 14, 775-784.	1.7	13
9	Theoretical investigation of intersubband nonlinear optical rectification in $\text{Al}_x\text{In}_{1-x}\text{Ga}_{1-x}\text{As}/\text{GaAs}/\text{Al}_x\text{In}_{1-x}\text{Ga}_{1-x}\text{As}$ asymmetric rectangular quantum wells. Physica Status Solidi (B): Basic Research, 2007, 244, 3313-3324.	1.5	8
10	Photoionization cross section and refractive-index change of hydrogenic impurities in a CdS-SiO ₂ spherical quantum dot. Open Physics, 2010, 8, .	1.7	7
11	PHOTOIONIZATION CROSS-SECTION AND OSCILLATOR STRENGTH OF HYDROGENIC IMPURITIES IN ZnS/SiO ₂ QUANTUM DOTS. International Journal of Modern Physics B, 2009, 23, 2127-2138.	2.0	5