

Contents

229-247

Luminescent converter of solar light into electrical energy. Review

M.R. Kulish, V.P. Kostylyov, A.V. Sachenko, I.O. Sokolovskyi, D.V. Khomenko, A.I. Shkrebtii

248-254

Degradation processes in LED modules

V.M. Sorokin, Ya.Ya. Kudryk, V.V. Shynkarenko, R.Ya. Kudryk, P.O. Sai

255-266

Transducer based on surface plasmon resonance with thermal modification of metal layer properties

K.V. Kostiukevych

267-272

Formation of nanostructured state in LaBGeO₅ monolithic glass using pulsed magnetic fields

A.S. Doroshkevich, A.V. Shylo, G.K. Volkova, V.A. Glazunova, L.D. Perekrestova, S.B. Lyubchik, T.E. Konstantinova

273-278

Nanocrystalline silicon carbide films for solar cells

S.I. Vlaskina, G.N. Mishinova, V.I. Vlaskin, V.E. Rodionov, G.S. Svechnikov

279-284

Physical mechanisms and models of long-term transformations of radiative recombination in n-GaAs due to the magnetic field treatments

G.V. Milenin, R.A. Red'ko

285-289

Multiferroic based on nematic liquid crystal and nanoparticles

O.V. Kovalchuk, T.M. Kovalchuk, N.M. Kucheriavchenkova, V.V. Sydorochuk, S.V. Khalameida

290-294

Peculiarities of near-electrode relaxation processes in the polyethylene melt filled with graphite and carbon black

Ya.A. Kuryptya, B.M. Savchenko, O.V. Kovalchuk, T.M. Kovalchuk, T.S. Shostak

295-298

Electrical properties of InSb *p-n* junctions prepared by diffusion methods

A.V. Sukach, V.V. Tetyorkin, A.I. Tkachuk

299-302

Possible method for evaluation of virus, bacteria and yeasts infectivity by optical measurements

N.M. Rusinchuk, V.Z. Lozovski, O.A. Shydlovska, N.M. Zholobak

303-306

Influence of the presence of a fluxing agent and its composition on the spectral characteristics of ZnS(Cu) obtained by self-propagating high-temperature synthesis

Yu.Yu. Bacherikov, O.B. Okhrimenko, A.G. Zhuk, R.V. Kurichka, A.V. Gilchuk

307-310

Structural, electrical and optical investigations of Cu₆PS₅Br-based thin film deposited by HiTUS technique

I.P. Studenyak, M.M. Kutsyk, V.I. Studenyak, A.V. Bendak, V.Yu. Izai, P. Kúš, M. Mikula

311-314

Classic test Ronchi and its variants for quality control of various optical surfaces

A.S. Malenko, V.N. Borovytsky

315-317

Local vibrational density of states in disordered graphene

D.L. Kardashev, K.D. Kardashev

318

Publication Ethics and Publication Malpractice Statement

319 Contents