

Poster Session 1
Monday, 21st May 2018

RESONANCE ENERGY TRANSFER BETWEEN SILVER NANOPARTICLES AND DYE MOLECULES

Austeja Bukauskyte, Marius Franckevičius, Vidmantas Gulbinas

POSSIBILITIES FOR STRENGTHENING MICROHETEROGENIC SYSTEMS INTERPHASE LAYER BASED ON SAN-PS

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STRUCTURAL, OPTICAL AND PHOTOVOLTAIC PROPERTIES OF TETRACENE HETEROSTRUCTURES WITH TETRACYANOQUINODIMETHANE AND FULLERENE

M.P. Gorishnyi, A.B. Verbitsky

AGGREGATION OF METHYLENE BLUE DYE IN SOLUTIONS OF SODIUM POLYPHOSPHATE

V.S. Martynyuk, L. Gorb, E.N. Gromozova, Yu.V. Tseysler, I.V. Lukyanenko, R. Zhurakovsky

FLUORESCENCE QUENCHING BASED EVALUATION OF GLUCOSE OXIDASE COMPOSITE WITH POLYPYRROLE

Raminta Mazetyte, Urte Bubniene, Vidmantas Gulbinas, Arunas Ramanavicius and Renata Karpicz

THE FEATURES OF DYNAMIC CURRENT-VOLTAGE AND CHARGE-VOLTAGE LOOPS AND TRANSIENT CURRENTS OF MELANIN UNDER PULSE HYDRATION

N. V. Morozovsky, S. L. Bravina, P. M. Lutsyk, A. B. Verbitsky

FLUORESCENCE AND ABSORBTOIN OF HIGHLY STABLE MERO-CYANINE DERIVATIVES OF 2,6-DI-TERT-BUTYL-4-[R]-CYCLOHEXA-2,5-DIENONE

Nataliya Obernikhina, Alexey Kachkovsky, Viktor Kurdyukov, Yuriy Piryatinski

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A.P. Onanko, D.V. Charny, Y.A. Onanko, M.P. Kulish, O.P. Dmitrenko, S.A. Vyzhva, A.V. Shabatura, A.N. Onischenko

FLUORESCENT PROBE FOR INVESTIGATION OF INFLUENCE OF NUCLEOSIDES WITH D-MANNITOL

Volodymyr Shchodryi, Olexiy Kachkovsky, Yevgen Shaydyk, Yuriy Slominskyi, Zenoviy Tkachuk

SPECTROSCOPIC STUDY OF INTERFACE INTERACTION IN ANATASE TiO₂ - PHENOTHIAZINE SYSTEM

V. Shymanovska, T. Gavrilko, L. Kernazhitsky, J. Baran

SYNTHESIS OF β-DIKETONATE COMPLEXES OF COBALT WITH PYRASINAMIDE

L.I. Zheleznova, L.I. Sliusarchuk, E.K. Trunova

THE IMPACT OF COULOMB INTERACTION ON PHOTOINDUCED THERMALLY-STIMULATED-CURRENT AND THERMOLUMINESCENCE IN CONJUGATED SEMICONDUCTING POLYMERS

O. Vakhnin, A. Kadashchuk

ELECTROOPTICAL AND NONLINEAR OPTICAL PROPERTIES OF VIOLOGENS IN AQUEOUS LIQUID CRYSTALLINE AND POLYMERIC MEDIA

H. Bordyuh, A. Gridyakina, A. Polishchuk

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CHOLESTERIC - NEMATIC MIXTURE AS A SENSITIVE MEDIUM OF THE OPTICAL SENSOR OF AMINO ACIDS

Maria Vistak, Zenoviy Mykytyuk, Volodymyr Polishchuk, Fedir Vezyr

THE PENTACENE FILMS ON THE GLASS/ITO SURFACE: STRUCTURE AND OPTICAL PROPERTIES

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ELECTRICAL AND OPTICAL PROPERTIES OF A DOUBLE DOPED TELLURIUM-BISMUTH GLASS

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SPECTROSCOPY OF AMORPHOUS CARBON ON GLASS SUBSTRATES AND ON THIN COPPER LAYERS

M.Yu. Barabash, G.G. Vlaykov, A.A. Kolesnichenko, V.E. Martynchuk, L.V. Ryabov, R.V. Litvin, A.Yu. Sezonenko

OPTICAL ABSORPTION EDGE OF $\text{Cu}_{0.1}\text{As}_{2.1}\text{S}_{3.1}$ THIN FILMS

Bendak A.V., Studenyak I.P., Molnar Z.R., Pop M.M., Daróci L., Kökényesi S., Szabo I.

ELECTRICAL PROPERTIES OF ZnO LAYERS ON GLASS DEPOSITED BY PULVERIZATION METHOD

V.Botnariuc, P.Gaugash, L.Gorceac, P.Chetrus, A.Coval, B.Cinic, S.Raevschi

PHOTOPHYSICAL PROPERTIES OF THE COMPOSITE BASED ON THE DERIVATIVES OF POLYEPOXYPROPYLPYRIDOBENZOTHAZOLE WITH A SQUARILUM DYE

N.A. Davidenko, I.I. Davidenko, E.V. Mokrinskaya, N.G. Chuprina, R.V. Shemehen, D.S. Milokhov, O.V. Khilya, Yu.M. Volovenko, A.A. Ishchenko

EXPERIMENTAL INVESTIGATIONS OF THE RELAXATION OF POLARIZATION HOLOGRAMS IN THE FILMS OF AZOBENZENE-CONTAINING COPOLYMERS WITH ALKYL METHACRYLATES

I.I. Davidenko, N.A. Davidenko, V.A. Pavlov, E.V. Mokrinskaya, V.V. Tarasenko, V.G. Syromyatnikov

GAS SENSITIVITY OF THIN FILMS OF CONJUGATED POLYMERS MODIFIED WITH SILICA NANOPARTICLES

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PERSPECTIVE POLYMERIC IONIC LIQUIDS BASED ON POLYONENS

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ELECTRICAL PROPERTIES OF THIN CHROMIUM FILMS
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STUDY OF ABSORPTION COEFFICIENT AND REFRACTIVE INDEX OF Ge
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O.S. Kondratenko, V.S. Lysenko, Yu.N. Kozyrev, S.V. Kondratenko, Yu.V. Hyrka

OPTICAL PROPERTIES OF CONDUCTIVE UNDOPED ZNO THIN FILMS STUDIED BY
SPECTRAL ELLIPSOMETRY
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OPTICAL PERCOLATION IN THIN Cu FILMS
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USAGE OF PROPERTY-STABLE GADOLINIUM-IRON THIN FILMS
Prysyazhnyuk V.I., Trach K.O.

PHOTOCHEMICAL STABILITY OF CHROMOPHORE-CONTAINING THIN POLYMER
FILMS
A.A. Voronkin, D.O. Mishurov, A.D. Roshal, L.V. Chepelieva

AZOBENZENE POLYMERS WITH LOW SOFTENING TEMPERATURE FOR
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ELECTRONIC PROPERTIES OF NANOCELLULOSE/ZnO HETEROSTRUCTURE
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BASED ON LIGHT GASOIL FRACTIONS IN THE CATALYTIC CRACKING PROCESS
M.D. İbrahimova, S.T. Bairamova, M.N. Amiraslanova, A.R. Aliyeva, B.F. Bagirova

SPECTRAL, PHOTOPHYSICAL AND GENERATION PROPERTIES OF ORGANIC DYES,
BONDED COVALENTLY TO POLYURETHANE POLYMERS

T.V. Bezrodna, L.F. Kosyanchuk, O.I. Antonenko, V.I. Bezrodnyi, O.M. Roshchin

FUNCTIONALIZED CARBON NANOTUBES AS MATRIX FOR HEXAVALENT
CHROMIUM ADSORPTION: A DFT APPROACH

Borysiuk V., Nedilko S., Hizhnyi Yu., Shyichuk A.

ELECTRICAL AND CATALYTIC PROPERTIES OF METAL-POLYMER
(NANO)COMPOSITES

R.V.Aliyeva, Y.M.Mammadova, Şh.R.Bagirova, E.M.Karayeva, R.Z.Mammadli

DISPERSION OF ELECTRIC CONDUCTIVITY OF UNORDERED CERAMICS Fe_2O_3 - Li_2O
- Al_2O_3

D.M Chervinko, I.M. Gasiuk, L.Y. Lozynska

WEAK AND STRONG H-BOND IN WATER DIMER. SPECTRAL AND STRUCTURAL
PARAMETERS OBTAINED ON X/ACC-pVTZ (X=B3LYP, wB97XD, M06-2X) LEVELS OF
THEORY

A.Kozhanovsky, G.Pitsevich, A.Malevich, I.Doroshenko, O.Doroshenko

M06-2X DFT STUDY OF THE WATER CLUSTERS WITH TETRAGONAL STRUCTURE

A.Leshchenko, G.Pitsevich, A.Malevich, I.Doroshenko

POLYMER-POLYMER COMPLEXES BASED ON POLYANILINE AND
POLYMETHACRYLIC ACID

Dutka V.S., Oshchapovska N.V., Aksimentyeva O.I., Korchynska C.I., Kovalskyi Ya.P.

ELECTRICALLY ELEMENTS OF OPTICAL SYSTEMS BASED ON THE STRUCTURE OF
THE HYDROGEL - ELECTROCHROMIC POLYMER

Yu. Bashtyk, I. Kremer, A. Fechan, O. Aksimentyeva, Yu. Horbenko, O. Suberlyak,
O.Grytsenko

PHYSICAL AND CHEMICAL PROPERTIES OF COMPOSITES BASED ON
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THE PECULIARITIES OF STRUCTURE AND CHARGE TRANSFER IN COMPOSITES OF
POLYAMINOARENES IN POLYSTYRENE MATRIX

Horbenko Yu. Yu., Aksimentyeva O. I., Konopelnyk O. I., Demchenko P. Yu., Martyniuk H. V.

PHYSICS OF ELECTRIC SPARK SYNTHESIS OF NANO PARTICLES OF METALS FOR
BIO-TECHNOLOGICAL APPLICATIONS

A. Veklich, N. Taran, S. Lapshyn, Y. Aftandilyants, K. Lopatko, V. Boretskij, T. Tmenova, Y.
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Poster Session 2
Tuesday, 22nd May 2018

OPTIMIZING PERFORMANCE OF OPTOELECTRONIC SYSTEMS

O.L. Kapitanchuk, V.I. Teslenko

THE FEATURES OF OPTICAL ABSORPTION OF POLYAMINOARENES DOPED WITH FERRUM-CONTAINING NANOCLUSTERS

Konopelnik O.I., Aksimentyeva O.I., Horbenko Yu.Yu

EFFECT OF THE CHARGE STATE ON THE PHOTOLUMINESCENCE SPECTRA OF MELANIN

A.O. Kostetskyi, Yu.P.Piryatynski, A.B.Verbitsky, P.M.Lutsyk

OPTICAL PROPERTIES OF NEW CORE-FLUORINATED AZO-CONTAINING POLY(AZOMETHINE)S WITH ETHER LINKAGES AND ALIPHATIC MOIETIES IN THE MAIN CHAIN

Kovalchuk A. I., Kobzar Ya. L., Tkachenko I. M., Shekera O.V., Kurioz Yu. I., Nazarenko V. G. Shevchenko V. V..

ABSORPTION PROPERTIES OF HYBRIDE NANOSYSTEM: BRANCHED POLYACRYLAMIDE/GOLD NANOPARTICLES/CHLORINE e6

A. Naumenko, Yu. Harahuts, N. Kutsevol, V. Chumachenko

BIPOLAR ELECTROFLUORESCENCE IN A MOLECULAR DIODE

V. O. Leonov, E. G. Petrov, Ye. V. Shevchenko

DIELECTRIC PROPERTIES OF Fe₃O₄/GNP/POLYMER NANOCOMPOSITES

O. V. Lozitsky, O. S. Yakovenko, L. Yu. Matzui, L. L. Vovchenko, O.A. Lazarenko, A.V. Zhuravkov, V.V. Oliynyk, V.L. Launets, V.V. Zagorodnii, A. V. Trukhanov

MORPHOLOGY AND ELECTRICAL PROPERTIES OF POLYMER COMPOSITES FORMED IN THE MAGNETIC FIELD

Misiura A. I., Mamunya Ye. P.

DIELECTRIC PROPERTIES OF EPOXY COMPOSITES WITH MIXED FILLERS GRAPHITE NANOPATELETS/BATIO₃

O.V. Lozitsky, L.L. Vovchenko, L.L. Matzui, Y.S. Milovanov

STRUCTURE PECULIARITIES OF 5CB LIQUID CRYSTAL DOPED

T.V. Bezrodna, G.V. Klishevich, V.I. Melnyk, V.V. Nesprava, O.M. Roshchin

PHOTOSENSITIVE ORGANIC-INORGANIC HYBRID STRUCTURES BASED ON POROUS SILICON

I.B. Olenych, O.I. Aksimentyeva

SENSORY PROPERTIES OF ZINC OXIDE – POROUS SILICON NANOSYSTEMS

I.B. Olenych, L.S. Monastyrskii

HIGHER ORDER ELECTRON CORRELATION EFFECTS IMPACT ON STRUCTURE AND IR SPECTRUM OF THE HYDROGEN PEROXIDE MOLECULE

A.Bereschenko, G.Pitsevich, A.Malevich, I.Doroshenko, O.Doroshenko

INFLUENCE OF CARBON NANO-MATERIALS ON ELECTROTECHNICAL CHARACTERISTICS OF LEAD-ACID BATTERIES

Nefedov V.G., Polishchuk Yu.V., Goroz O.R.

THE DOPING DEGREE EFFECTS IN SENSITIVITY OF POLYANILINE AND ITS CORE-SHELL COMPOSITE WITH POLYVINYLIDENE FLUORIDE TO THE VOLATILE ORGANIC ACIDS

I.Ye. Myronyuk, A.V. Mamykin, O.L. Kukla, A.A. Pud

CHEMOSENSORS SYSTEMS BASED ON DIFFERENT TYPES OF TRANSDUCERS SPECIFIED FOR DETERMINATION OF TOXIC GASEOUS MATTERS

O.L. Kukla, A.V. Mamykin, Z.I. Kazantseva, I.A. Koshets, A.B. Drapailo, V.I. Kalchenko, N.A. Ogurtsov, Yu.V. Noskov, S.D. Mikhaylov, A.A. Pud

ELECTRODYNAMIC PROPERTIES OF POLYMER COMPOSITES WITH BINARY NANO-CARBON FILLER

O.A. Lazarenko, Yu.S. Perets, I.Y. Sagalianov, L.L. Vovchenko, L.Y. Matzui

ACCUMULATION OF ELECTRIC CHARGES IN NANOPOWDERS BASED ON ZIRCONIA CAUSED BY AN EXTERNAL ELECTRIC FIELD

A.V. Shylo, A.S. Doroshkevich, T.E. Konstantinova, I.A. Danilenko

ELECTRON TRANSPORT IN CONFIGURATIONAL MODEL OF FERROMAGNETIC FULLERIDE WITH TRIPLE ORBITAL DEGENERACY

Oleksandr Kramar, Yuriy Skorenkyy, Leonid Didukh, Yuriy Dovhopyaty

MOLECULAR DYNAMICS SIMULATION OF CONFORMATIONAL DYNAMICS OF PYRENE-LABELED *POLY(ACRYLIC ACID)*

Mary V. Slavgorodska, Alexander V. Kyrychenko

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NANOCARBON/POLYETHYLENE COMPOSITES WITH SEGREGATED CONDUCTIVE NETWORK FOR ELECTROMAGNETIC INTERFERENCE SHIELDING

L.Vovchenko, L. Matzui, V. Oliynyk, Ye. Mamunya, O. Maruzhenko

THERMAL DECOMPOSITION OF HYDROGEN PEROXIDE IN THE PRESENCE OF CARBON NANOSTRUCTURES

Eldar Zeynalov, Matanat Magerramova, Nazilya Salmanova

LINEAR AND NONLINEAR OPTICAL PROPERTIES OF HETEROCYCLIC AZO DYES WITH HETARYLDIAZENYL SUBSTITUTION

B. Derkowska-Zielinska, K. Matczyszyn, M. Dudek, M. Samoc, L. Skowronski, D. Chomicki, V. Smokal, A. Biitseva, O. Krupka

NONLINEAR LASER LITHOGRAPHY-BASED HIGH-QUALITY ALIGNMENT OF NEMATIC LIQUID CRYSTALS

I. A. Pavlov, A. S. Rybak, A. M. Dobrovolskiy, V. M. Kadan, I. V. Blonskiy, Z. I. Kazantseva, I. A. Gvozдовskyy

ABSORPTIVE NONLINEAR OPTICAL RESPONSE OF CHLOROFLUORINATED CARBONS UNDER PULSED LASER EXCITATION AT 1064 NM

Uklein A.V., Multian V.V., Zaderko A.N., Diyuk V.E., Boldyrieva O.Yu., Lisnyak V.V., Gayvoronsky V.Ya

RESPONSIVE POLYMERS BASED ON NOVEL STYRYLQUINOLINE METHACRYLATES

O. Kharchenko, V. Smokal, O. Krupka, M. Frasyuk, A. Kysil, O. Kolendo

NARROWING OF THE LASING SPECTRA IN A LASER ON CHOLESTERIC LIQUID CRYSTALS

I.P. Ilchishin, E.A. Tikhonov, T.V. Mykytiuk

THE NONLINEAR OPTICAL RESPONSE OF POLYMER THIN FILMS WITH INCORPORATED CdTe/CdS QUANTUM DOTS

Uklein A.V., Multian V.V., Okrepka G., Vorontsov D., Khalavka Y., Gayvoronsky V.Ya.

CUBIC NONLINEAR OPTICAL RESPONSE OF AZO-DOPED POLYMER FILMS PROVIDED BY THIRD HARMONIC GENERATION AND SELF-ACTION EFFECTS STUDIES

Multian V.V., Uklein A.V., Ovdenko V. M., Kolendo O. Yu., Gayvoronsky V.Ya.

PHASE TRANSITIONS IN THE GRAPHITE INTERCALATION COMPOUNDS WITH BROMINE

I. V. Ovsienko, V. V. Strelchuk, O. I. Prokopov, L. Yu. Matzui, T. A. Len

POLYMERIZATION OF ETHYLENE IN THE PRESENCE OF NEW ORGANOMETALLIC CATALYST SYSTEMS

R.V.Aliyeva, A.A.Xanmetov, H.R.Azizbeyli, M.C.Xamiyev, K.Sh.Haciyeva, Z.A.Akhundova

ARYL SUBSTITUTED CARBAZOLE BASED POLYMERS AS CHARGE TRANSPORTING MATERIALS

U. Barauskyte, G. Krucaite, D. Tavgeniene, B. Zhang, S. Grigalevicius

NEW LUMINESCENT MATERIALS BASED ON COORDINATION COMPOUNDS OF LANTHANIDES

O.Berezhnytska, N.Ivakha, I.Savchenko, N.Rusakova, O.Trunova

ATOMISTIC MODELLING OF SILVER NANORODS COATED WITH *POLY(VINYL ALCOHOL)*

Margaret M. Blazhynska, Alexander V. Kyrychenko, Oleg N. Kalugin

DEVELOPMENT OF MN-BI MIXED OXIDE CATALYST FOR AMMONIA OXIDATION TO N₂O

O.N. Bliznjuk, A.N. Ogurtsov, N.Yu. Masalitina, A.S. Savenkov

ELECTROCHEMICAL PROPERTIES OF β -Ni(OH)₂/ REDUCED GRAPHENE OXIDE NANOCOMPOSITE

Volodymyra Boychuk, Volodymyr Kotsyubynsky, Bogdan Rachiy, Khrystyna Bandura, Sofia Fedorchenko

THE QUANTUM-CHEMICAL CRITERIA FOR ELECTRONIC CONDUCTIVITY IN PHENILON C-2 POLYMERIC SYSTEM

A.V. Tokar, O.P. Chigvintseva

SYNTHESIS, STRUCTURE AND PROPERTIES OF THE HALOGEN SUBSTITUED BIS(DICARBOLIDES) OF IRON

Chudak D.M., Kravchenko A.V.

SYNTHESIS AND APPLICATIONS OF NEW MAGNETIC SILICA BASED SMART DRUG DELIVERY SYSTEM

Mohamad Khalil Attar, Safaa Hashim Mohammed Albayati, Pervin Deveci, Bilge Taner

A BROADBAND UPCONVERSION OF LOW-POWER NEAR-INFRARED PHOTONS USING A NOVEL INFRARED DYE

Oleg Dimitriev, Yuri Slominskii, Anna Smirnova,

EFFECT OF Dy DOPING ON FREE AND BOUND EXCITONS IN THE OPTICAL SPECTRA OF CdS THIN FILMS

M.S. Furier, P.M. Bukivskij, Yu.P. Gnatenko, A.S. Opanasyuk D.I. Kurbatov, A.P. Bukivskii

THE PHYSICO-CHEMICAL PROPERTIES OF 3D BIOPOLIMERIC MATRICES BASED ON HYALURONIC ACID

Sylwia Grabska, Alina Sionkowska, Beata Kaczmarek

IONIC LIQUIDS AS INTERNAL TRIBO-ADDITIVES FOR HIGH-PERFORMANCE LCP-PAI HYBRID COATINGS

L. Gryshchuk, E. Padenko, S. Grishchuk, B. Wetzel

SYNTHESIS, INVESTIGATION, AND SELF-POLYMERIZATION OF PHENANTHROIMIDAZOLE-BASED MONOMERS

R. Butkute, D. Gudeika, R. Lygaitis, J.V. Grazulevicius

THE EFFECT OF GOLD NANOPARTICLES ON THE SPECTRAL-LUMINESCENT PROPERTIES OF THE INDOPOLYCARBOCYANINE DYES

Harahuts Yu.I., Derevyanko N.A., Ishchenko A.A., Kutsevol N.V.

HYBRID THERMOSENSITIVE NANOSYSTEMS: CHARACTERIZATION NEAR LCST IN AQUEOUS AND HANK'S BALANCED SALT SOLUTIONS

Yu. Harahuts, V. Chumachenko, N. Kutsevol, A. Marinin, A. Naumenko

OPTICAL AND PARAMAGNETIC PROPERTIES OF CARBON AND SULPHUR DOPED TITANIUM DIOXIDE PHOTOCATALYTICALLY ACTIVE UNDER UV AND VISIBLE LIGHT IRRADIATION

T.A. Khalyavka, M.V. Bondarenko, I.S. Petrik, A.K Melnik

Poster Session 3
Thursday, 24^s May 2018

SYNTHESIS AND STUDY OF IONIC-LIQUID MONOMERS AND (CO)POLYMERS ON THE BASIS OF METACRYLIC ACID AND ALIPHATIC AMINES

M.J.Ibrahimova, F.M.Abdullayeva, V.A.Naghiyev, Z.N.Pashayeva, T.A.Ibrahimova

IMPACT OF NEW MONOMERS BASED ON AURONES ON THE THERMAL STABILITY POLYSTYRENE

N. Iukhymenko, O. Kharchenko, V. Smokal, Yu. Karabets, O. Krupka, A. Kolendo

THE CHARACTERIZATION OF SCAFFOLDS BASED ON CHITOSAN AND COLLAGEN WITH GLYCOSAMINOGLYCANS

B. Kaczmarek, A. Sionkowska, J. Stojkowska, B. Obradovic

STAR-LIKE DEXTRAN-GRAFT-PNIPAM WITH INCORPORATED GOLD NANOPARTICLES: SYNTHESIS AND CHARACTERIZATION

V.A. Karachevtsev, A. Glamazda, V. Chumachenko, Iu. Harahuts, S.G. Stepanian, A.M. Plokhotnichenko, N. Kutsevol

STRUCTURE AND PROPERTIES OF NEW ORGANIC-INORGANIC INTERPENETRATING POLYMER NETWORKS CONTAINING POLY(TITANIUM OXIDE)

T.T. Alekseeva, T.V. Tsebrienko, N.V. Iarova, N.V. Babkina, V.I. Shtompel

POLYMERS CONTAINING PYRIDYL SUBSTITUTED CARBAZOLE RINGS AS HOST MATERIALS FOR PHOSPHORESCENT OLEDs

G. Krucaite, D. Tavgeniene, D. Blazelevicius, J.H. Jou, S. Grigalevicius

INDENOFLORENE-BASED DONOR-ACCEPTOR COPOLYMERS SYNTHESIZED VIA ELECTROCHEMICAL POLYMERIZATION AND EFFECTS OF FUNCTIONALIZATION

Oksana Krupka, Hakan Usta, Viviana Figà, Roberto Macaluso, Mehmet Ozdemir, Bohdan Kulyk, Maurizio Bruno

FORMATION OF PHOTO-CATALYTICALLY ACTIVE LAYERED PEROVSKITE-LIKE OXIDE PHASES OF RARE-EARTH AND TRANSITION ELEMENTS

Dryuchko O., Storozhenko D., Bunyakina N., Ivanytska I., Khaniukov V., Kytaihora K.

PLANT-MEDIATED SYNTHESIS OF COBALT FERRITE NANOPARTICLES

M. Liaskovska, T. Tatarchuk, V. Kotsyubynsky

SPECTROSCOPIC STUDIES OF PRISTINE AND GAMMA IRRADIATED LASER PHOSPHATE GLASS

V.V. Lisnyak, R.P. Linnik, A.N. Zaderko, O.Yu. Boldyrieva

MATHEMATICAL MODEL OF CATALYTIC OXIDATION OF CARBON MATERIALS

G.G. Tsapyuk, V.E. Diyuk, V.V. Lisnyak

INFLUENCE OF STRUCTURAL RIGIDITY OF Cu(II)/Mo(VI) COMPLEXES ON THE PHOTOCONDUCTIVITY OF FILM POLYMERIC COMPOSITES

N.A. Davidenko, V.N. Kokozay, H.I. Buvailo, V.G. Makhankova, S.L. Studzinsky, I.I. Davidenko

CHEMICAL PLASTICIZATION OF POLYMERS WITHOUT SIDE GROUPS
O. Manchenko, N. Iukhymenko, V. Nizhnik

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THE EFFECT OF PHOSPHORUS MODIFIERS ON THE PHYSICAL AND CHEMICAL PROPERTIES OF MICROHETEROGENEOUS SYSTEMS BASED ON $A^{II}V^{IV}$ SEMICONDUCTOR MATERIALS **Ошибка! Закладка не определена.**

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CHARGE CARRIER DYNAMICS IN HYBRID AND INORGANIC PEROVSKITE BASED OPTOELECTRONIC DEVICES

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HIGH-EFFICIENCY WOLED BASED ON DOUBLE EMISSION LAYERS

Kh. Ivaniuk , P.Turyk , I.Duplaik , I. Helzhynskyy, P. Stakhira, X. Tan, D. Volyniuk, J. V.Grazulevicius

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