

Record 1 of 47

Title: Parameters of Fluid Movement in Radial-Axial Flow Turbine Channels with Variation of Slope Angle of Blades

Author(s): Pavlechko, VN (Pavlechko, V. N.)

Source: CHEMICAL AND PETROLEUM ENGINEERING **Volume:** 56 **Issue:** 11-12 **Pages:** 961-968 **DOI:** 10.1007/s10556-021-00869-1 **Early Access Date:** MAR 2021 **Published:** MAR 2021

Accession Number: WOS:000630824000002

ISSN: 0009-2355

eISSN: 1573-8329

Record 2 of 47

Title: SPECTRAL MANIFESTATIONS OF SPECIFIC SOLVATION OF 5,10,15,20-TETRAKIS-(4-SULFONATOPHENYL)-PORPHYRIN AND ITS DOUBLY PROTONATED FORM IN AQUEOUS SOLUTIONS

Author(s): Klimovich, PG (Klimovich, P. G.); Krylov, AB (Krylov, A. B.); Kruk, MM (Kruk, M. M.)

Source: JOURNAL OF APPLIED SPECTROSCOPY **Volume:** 88 **Issue:** 1 **Pages:** 19-26 **DOI:** 10.1007/s10812-021-01135-1 **Early Access Date:** MAR 2021 **Published:** MAR 2021

Accession Number: WOS:000632319000019

ISSN: 0021-9037

eISSN: 1573-8647

Record 3 of 47

Title: Selection of Energetically Efficient Method of Situating Finned Tubes in the Heat-Exchange Section of an Air Cooler

Author(s): Kuntysh, VB (Kuntysh, V. B.); Sukhotskiy, AB (Sukhotskiy, A. B.)

Source: CHEMICAL AND PETROLEUM ENGINEERING **Volume:** 57 **Issue:** 1-2 **Pages:** 148-154 **DOI:** 10.1007/s10556-021-00908-x **Early Access Date:** APR 2021 **Published:** MAY 2021

Accession Number: WOS:000642382900006

ISSN: 0009-2355

eISSN: 1573-8329

Record 4 of 47

Title: Study of Free-Convective Heat Exchange of Air-Coolable Finned Tube Bundles Intensified by Exhaust Shaft

Author(s): Sukhotskii, AB (Sukhotskii, A. B.); Marshalova, GS (Marshalova, G. S.); Zditovetskaya, SV (Zditovetskaya, S., V); Danilchik, ES (Danilchik, E. S.)

Source: CHEMICAL AND PETROLEUM ENGINEERING **Volume:** 57 **Issue:** 3-4 **Pages:** 280-287 **DOI:** 10.1007/s10556-021-00930-z **Early Access Date:** JUL 2021 **Published:** JUL 2021

Accession Number: WOS:000673446000002

ISSN: 0009-2355

eISSN: 1573-8329

Record 5 of 47

Title: Spectrofluorimetric Determination of Hypericin in Drugs and Vegetable Raw Materials

Author(s): Leontiev, VN (Leontiev, V. N.); Lazovskaya, OI (Lazovskaya, O. I.); Kosyak, DA (Kosyak, D. A.); Supichenko, GN (Supichenko, G. N.); Kovalenko, NA (Kovalenko, N. A.)

Source: JOURNAL OF APPLIED SPECTROSCOPY **Volume:** 87 **Issue:** 6 **Pages:** 1100-1104 **DOI:** 10.1007/s10812-021-01115-5 **Early Access Date:** JAN 2021 **Published:** JAN 2021

Accession Number: WOS:000612599700005

ISSN: 0021-9037

eISSN: 1573-8647

Record 6 of 47

Title: The Author's Book in the Modern Repertoire of Belarusian Publications

Author(s): Zylevich, DP (Zylevich, Dina P.)

Source: TEKST KNIGA KNIGOIZDANIE-TEXT BOOK PUBLISHING **Volume:** 26 **Pages:** 143-

163 **DOI:** 10.17223/23062061/26/9 **Published:** 2021

Accession Number: WOS:000692658600009

ISSN: 2306-2061

eISSN: 2311-3774

Record 7 of 47

Title: Basic Technological Features of Production and Performance Evaluation of Proppants Used in Oil and Gas Production by Hydraulic Fracturing

Author(s): Pavlyukevich, YG (Pavlyukevich, Yu. G.); Larionov, PS (Larionov, P. S.)

Source: GLASS AND CERAMICS **Volume:** 77 **Issue:** 11-12 **Pages:** 463-468 **DOI:** 10.1007/s10717-021-00333-9 **Early Access Date:** MAR 2021 **Published:** MAR 2021

Accession Number: WOS:000635474800004

ISSN: 0361-7610

eISSN: 1573-8515

Record 8 of 47

Title: IDENTIFICATION OF THE CRYSTALLINE PRODUCT OF LIQUID-PHASE OXIDATION OF alpha-PINENE WITH ATMOSPHERIC OXYGEN IN THE PRESENCE OF COBALT (II) STEARATE

Author(s): Sosnovskaya, AA (Sosnovskaya, Alexandra A.); Fleisher, VL (Fleisher, Viachaslau L.)

Source: LESNOY ZHURNAL-FORESTRY JOURNAL **Issue:** 4 **Pages:** 173-180 **DOI:** 10.37482/0536-1036-2021-4-173-180 **Published:** 2021

Accession Number: WOS:000675210100013

ISSN: 0536-1036

Record 9 of 47

Title: ANISOTROPIC SUBSTITUTED CYCLOHEX-2-ENONES - SYNTHESIS, TRANSFORMATIONS AND PROSPECTS OF PRACTICAL APPLICATION

Author(s): Bezborodov, VS (Bezborodov, V. S.)

Source: LIQUID CRYSTALS AND THEIR APPLICATION **Volume:** 21 **Issue:** 1 **Pages:** 5-22 **DOI:** 10.18083/LCAppl.2021.1.5 **Published:** JAN-MAR 2021

Accession Number: WOS:000636470100001

ISSN: 1991-3966

Record 10 of 47

Title: EXPERIMENTAL INVESTIGATION OF A NONSTANDARD LAYOUT OF A MULTIROW HORIZONTAL FINNED-TUBE BUNDLE WITH AN EXHAUST SHAFT

Author(s): Sukhotskii, AB (Sukhotskii, A. B.); Danil'chik, ES (Danil'chik, E. S.); Marshalova, GS (Marshalova, G. S.)

Source: JOURNAL OF ENGINEERING PHYSICS AND THERMOPHYSICS **DOI:** 10.1007/s10891-021-02385-8 **Early Access Date:** AUG 2021

Accession Number: WOS:000690717000006

ISSN: 1062-0125

eISSN: 1573-871X

Record 11 of 47

Title: Borosilicate Radiation Shielding Glass

Author(s): Dyadenko, MV (Dyadenko, M. V.); Trusova, EE (Trusova, E. E.); Sidorevich, AG (Sidorevich, A. G.)

Source: GLASS PHYSICS AND CHEMISTRY **Volume:** 47 **Issue:** 1 **Pages:** 30-37 **DOI:** 10.1134/S1087659621010041 **Published:** JAN 2021

Accession Number: WOS:000629602000004

ISSN: 1087-6596

eISSN: 1608-313X

Record 12 of 47

Title: Adsorption time scales of cluster-forming systems

Author(s): Bildanau, E (Bildanau, Eldar); Vikhrenko, V (Vikhrenko, Vyacheslav)

Source: EUROPEAN PHYSICAL JOURNAL E **Volume:** 44 **Issue:** 4 **Article Number:** 51 **DOI:** 10.1140/epje/s10189-021-00059-0 **Published:** APR 2021

Accession Number: WOS:000639445800001

PubMed ID: 33844108

ISSN: 1292-8941

eISSN: 1292-895X

Record 13 of 47

Title: Use of Different Types of Aluminum-Containing Raw Materials in Type-E Fiber Production

Author(s): Pavlyukevich, YG (Pavlyukevich, Yu. G.); Papko, LF (Papko, L. F.); Gundilovich, NN (Gundilovich, N. N.); Kravchuk, AP (Kravchuk, A. P.); Trusova, EE (Trusova, E. E.); Vogulkin, KE (Vogulkin, K. E.); Chernenkov, YV (Chernenkov, Yu. V.)

Source: GLASS AND CERAMICS **Volume:** 78 **Issue:** 1-2 **Pages:** 30-34 **DOI:** 10.1007/s10717-021-00343-7 **Early Access Date:** MAY 2021 **Published:** MAY 2021

Accession Number: WOS:000655802300001

ISSN: 0361-7610

eISSN: 1573-8515

Record 14 of 47

Title: Reintroduction of the European silver fir (*Abies alba* Mill.) in Bialowieza Forest

Author(s): Marozau, A (Marozau, Aleh); Kotsan, U (Kotsan, Uladzimir); Kalishuk, A (Kalishuk, Adam)

Source: BALTIC FORESTRY **Volume:** 27 **Issue:** 1 **Article**

Number: 527 **DOI:** 10.46490/BF527 **Published:** 2021

Accession Number: WOS:000674225100010

ISSN: 1392-1355

Record 15 of 47

Title: Effect of Technological Parameters on Energetic Efficiency When Planar Milling Heat-treated Oak Wood

Author(s): Koleda, P (Koleda, Peter); Barcik, S (Barcik, Stefan); Korcok, M (Korcok, Michal); Jamberova, Z (Jamberova, Zuzana); Chayauski, V (Chayauski, Vadzim)

Source: BIORESOURCES **Volume:** 16 **Issue:** 1 **Pages:** 515-528 **DOI:** 10.15376/biores.16.1.515-528 **Published:** FEB 2021

Accession Number: WOS:000616046900036

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Koleda, Peter	R-4752-2019	0000-0003-3996-2621

ISSN: 1930-2126

Record 16 of 47

Title: The study of the matrix effect on the method of direct determination of volatile compounds in a wide range of alcoholic beverages

Author(s): Charapitsa, S (Charapitsa, Siarhei); Sytova, S (Sytova, Svetlana); Kavalenka, A (Kavalenka, Anton); Sobolenko, L (Sobolenko, Lidia); Kostyuk, N (Kostyuk, Nikolai); Egorov, V (Egorov, Vladimir); Leshev, S (Leshev, Sergey); Vetokhin, S (Vetokhin, Sergey); Zayats, N (Zayats, Natalia)

Source: FOOD CONTROL **Volume:** 120 **Article**

Number: 107528 **DOI:** 10.1016/j.foodcont.2020.107528 **Published:** FEB 2021

Accession Number: WOS:000579185600030

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Sytova, Svetlana		0000-0002-2476-9979
Sobolenko, Lidia		0000-0001-5066-7194

ISSN: 0956-7135

eISSN: 1873-7129

Record 17 of 47

Title: POWER CHARACTERISTICS OF MULCHER JOINTS WHEN REMOVING TREE AND SHRUB VEGETATION

Author(s): Ariko, EGY (Ariko, Sergey Ye); Voinash, SA (Voinash, Sergey A.); Kononovich, DA (Kononovich, Denis A.); Sokolova, VA (Sokolova, Viktoria A.)

Source: LESNOY ZHURNAL-FORESTRY JOURNAL **Issue:** 2 **Pages:** 130-142 **DOI:** 10.37482/0536-1036-2021-2-130-142 **Published:** 2021

Accession Number: WOS:000637864500010

ISSN: 0536-1036

Record 18 of 47

Title: Synthesis and Spectroscopic Study of Si, Ti, Mg, and Zn Oxides Modified by L-Proline

Author(s): Koryakova, OV (Koryakova, O., V); Valova, MS (Valova, M. S.); Titova, YA (Titova, Yu A.); Murashkevich, AN (Murashkevich, A. N.); Fedorova, OV (Fedorova, O., V)

Source: JOURNAL OF APPLIED SPECTROSCOPY **Volume:** 88 **Issue:** 3 **Pages:** 519-527 **DOI:** 10.1007/s10812-021-01203-6 **Early Access Date:** JUL 2021 **Published:** JUL 2021

Accession Number: WOS:000674524600001

ISSN: 0021-9037

eISSN: 1573-8647

Record 19 of 47

Title: RECYCLING OF STAINLESS STEEL BAR SCRAP BY RADIAL-SHEAR ROLLING TO OBTAIN A GRADIENT ULTRAFINE-GRAINED STRUCTURE

Author(s): Lezhnev, S (Lezhnev, S.); Naizabekov, A (Naizabekov, A.); Panin, E (Panin, E.); Volokitina, I (Volokitina, I); Kuis, D (Kuis, D.)

Source: METALURGIJA **Volume:** 60 **Issue:** 3-4 **Pages:** 339-342 **Published:** JUL 2021

Accession Number: WOS:000642327500044

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Lezhnev, Sergey N	J-2618-2016	0000-0002-1737-9825
Panin, Evgeniy	B-7581-2015	0000-0001-6830-0630
Naizabekov, Abdrakhman	C-9744-2019	0000-0002-8517-3482

ISSN: 0543-5846

eISSN: 1334-2576

Record 20 of 47

Title: Structural and electrochemical characterization of YBa(Fe,Co,Cu)(2)O5+delta layered perovskites as cathode materials for solid oxide fuel cells

Author(s): Klyndyuk, AI (Klyndyuk, Andrei I.); Mosialek, M (Mosialek, Michal); Kharitonov, DS (Kharitonov, Dmitry S.); Chizhova, EA (Chizhova, Ekaterina A.); Zimowska, M (Zimowska, Malgorzata); Socha, RP (Socha, Robert P.); Komenda, A (Komenda, Anna)

Source: INTERNATIONAL JOURNAL OF HYDROGEN ENERGY **Volume:** 46 **Issue:** 32 **Special Issue:** SI **Pages:** 16977-16988 **DOI:** 10.1016/j.ijhydene.2021.01.141 **Published:** MAY 10 2021
Accession Number: WOS:000644993100015

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Klyndyuk, Andrei	A-4493-2009	0000-0003-0566-4386
Mosialek, Michal	E-6370-2016	0000-0001-6891-881X
Kharitonov, Dmitry	M-4780-2017	0000-0003-2071-3975
Socha, Robert	J-4307-2012	0000-0003-4072-2393

ISSN: 0360-3199

eISSN: 1879-3487

Record 21 of 47

Title: Personalized energy systems based on nanostructured materials

Author(s): Kovalenko, AN (Kovalenko, A. N.); Tugova, EA (Tugova, E. A.); Popkov, VI (Popkov, V., I); Karpov, ON (Karpov, O. N.); Klyndyuk, AI (Klyndyuk, A., I)

Source: NANOSYSTEMS-PHYSICS CHEMISTRY

MATHEMATICS Volume: 12 **Issue:** 3 **Pages:** 368-403 **DOI:** 10.17586/2220-8054-2021-12-3-368-403 **Published:** JUN 2021

Accession Number: WOS:000668639600013

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Popkov, Vadim Igorevich	A-3328-2014	0000-0002-8450-4278
Klyndyuk, Andrei	A-4493-2009	0000-0003-0566-4386

ISSN: 2220-8054

eISSN: 2305-7971

Record 22 of 47

Title: Mild oxidative functionalization of cycloalkanes catalyzed by novel dicopper(II) cores

Author(s): Trusau, KI (Trusau, Kiryl, I); Kirillova, MV (Kirillova, Marina, V); Andre, V (Andre, Vania); Usevich, AI (Usevich, Andrew, I); Kirillov, AM (Kirillov, Alexander M.)

Source: MOLECULAR

CATALYSIS Volume: 503 **DOI:** 10.1016/j.mcat.2021.111401 **Published:** MAR 2021

Accession Number: WOS:000626274000003

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Kirillov, Alexander M.	F-8718-2014	0000-0002-2052-5280
Yusevich, Andrew	AAM-5418-2021	
Kirillova, Marina V.		0000-0002-4375-828X
Andre, Vania	A-3006-2011	0000-0001-5599-8355

ISSN: 2468-8231

Record 23 of 47

Title: Structurally controlled synthesis of synthetic gypsum derived from industrial wastes: sustainable approach

Author(s): Kamarou, M (Kamarou, Maksim); Korob, N (Korob, Natalia); Romanovski, V (Romanovski, Valentin)

Source: JOURNAL OF CHEMICAL TECHNOLOGY AND BIOTECHNOLOGY **DOI:** 10.1002/jctb.6865 **Early Access Date:** AUG 2021

Accession Number: WOS:000680952700001

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Romanovski, Valentin	A-3720-2017	0000-0003-1741-0316

ISSN: 0268-2575

eISSN: 1097-4660

Record 24 of 47

Title: Spectral-luminescence properties of oxyfluoride lead-silicate-germanate glass doped with Tm³⁺ ions

Author(s): Yasukevich, AS (Yasukevich, A. S.); Rachkovskaya, GE (Rachkovskaya, G. E.); Zakharevich, GB (Zakharevich, G. B.); Trusova, EE (Trusova, E. E.); Kornienko, AA (Kornienko, A. A.); Dunina, EB (Dunina, E. B.); Kisel, VE (Kisel, V. E.); Kuleshov, NV (Kuleshov, N., V)

Source: JOURNAL OF LUMINESCENCE **Volume:** 229 **Article Number:** 117667 **DOI:** 10.1016/j.jlumin.2020.117667 **Published:** JAN 2021

Accession Number: WOS:000591853500005

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Kornienko, Alexey	AAG-3752-2021	
Dunina, Elena	AAF-4439-2021	

ISSN: 0022-2313

eISSN: 1872-7883

Record 25 of 47

Title: Low-energy technology for producing anhydrite in the CaCO₃-H₂SO₄-H₂O system derived from industrial wastes

Author(s): Kamarou, M (Kamarou, Maksim); Korob, N (Korob, Natalia); Hil, A (Hil, Anastasiya); Moskovskikh, D (Moskovskikh, Dmitry); Romanovski, V (Romanovski, Valentin)

Source: JOURNAL OF CHEMICAL TECHNOLOGY AND BIOTECHNOLOGY **Volume:** 96 **Issue:** 7 **Pages:** 2065-2071 **DOI:** 10.1002/jctb.6740 **Early Access Date:** APR 2021 **Published:** JUL 2021

Accession Number: WOS:000639573000001

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Moskovskikh, Dmitry	A-4789-2014	
Romanovski, Valentin	A-3720-2017	0000-0003-1741-0316

ISSN: 0268-2575

eISSN: 1097-4660

Record 1 of 47

Title: Mechanism and patterns of wear of chrome steels with a surface-modified layer

Author(s): Stepankin, I (Stepankin, Igor); Pozdnyakov, E (Pozdnyakov, Evgeniy); Kuis, D (Kuis, Dmitry); Lezhnev, S (Lezhnev, Sergey)

Source: MATERIALS LETTERS **Volume:** 303 **Article**

Number: 130489 **DOI:** 10.1016/j.matlet.2021.130489 **Published:** NOV 15 2021

Accession Number: WOS:000686903600002

ISSN: 0167-577X

eISSN: 1873-4979

Record 2 of 47

Title: Synthesis of Al-Ti-Fe-Cr-Ni-N protective coatings by the method of vacuum-arc deposition from a separated vacuum flow

Author(s): Latushkina, S (Latushkina, Svetlana); Kuis, D (Kuis, Dmitry); Posylkina, O (Posylkina, Olga); Kasperovich, A (Kasperovich, Andrey); Panin, E (Panin, Evgeniy)

Source: MATERIALS LETTERS **Volume:** 303 **Article**

Number: 130527 **DOI:** 10.1016/j.matlet.2021.130527 **Published:** NOV 15 2021

Accession Number: WOS:000686904900008

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Panin, Evgeniy	B-7581-2015	0000-0001-6830-0630

ISSN: 0167-577X

eISSN: 1873-4979

Record 3 of 47

Title: The Method for Direct Gas Chromatographic Determination of Acetaldehyde, Methanol, and Other Volatiles Using Ethanol as a Reference Substance: Application for a Wide Range of Alcoholic Beverages

Author(s): Charapitsa, S (Charapitsa, Siarhei); Sytova, S (Sytova, Svetlana); Kavalenka, A (Kavalenka, Anton); Sobolenko, L (Sobolenko, Lidia); Shauchenka, Y (Shauchenka, Yauheni); Kostyuk, N (Kostyuk, Nikolai); Egorov, V (Egorov, Vladimir); Leschev, S (Leschev, Sergey); Vetokhin, S (Vetokhin, Sergey); Zayats, N (Zayats, Natalia); Tsimbalaev, S (Tsimbalaev, Sergey); Kolesnov, A (Kolesnov, Alexander)

Source: FOOD ANALYTICAL METHODS **DOI:** 10.1007/s12161-021-02047-8 **Early**

Access Date: MAY 2021

Accession Number: WOS:000646948500002

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Sobolenko, Lidia		0000-0001-5066-7194
Sytova, Svetlana		0000-0002-2476-9979

ISSN: 1936-9751

eISSN: 1936-976X

Record 4 of 47

Title: Pigments from spent Zn, Ni, Cu, and Cd electrolytes from electroplating industry

Author(s): Zalyhina, V (Zalyhina, Volha); Cheprasova, V (Cheprasova, Victoria); Belyaeva, V (Belyaeva, Volha); Romanovski, V (Romanovski, Valentin)

Source: ENVIRONMENTAL SCIENCE AND POLLUTION

RESEARCH **Volume:** 28 **Issue:** 25 **Pages:** 32660-32668 **DOI:** 10.1007/s11356-021-13007-4 **Early Access Date:** FEB 2021 **Published:** JUL 2021

Accession Number: WOS:000621305000010

PubMed ID: 33625704

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Romanovski, Valentin	A-3720-2017	0000-0003-1741-0316
Zalyhina, Volha	AAO-7800-2021	

ISSN: 0944-1344

eISSN: 1614-7499

Record 5 of 47

Title: ANISOTROPIC DERIVATIVES OF 6-ARYLOXYHEXANOIC ACID AND NANOCOMPOSITES ON THEIR BASE

Author(s): Bezborodov, VS (Bezborodov, V. S.); Finko, AV (Finko, A., V); Mikhalyonok, SG (Mikhalyonok, S. G.); Derikov, YI (Derikov, Y., I); Shandryuk, GA (Shandryuk, G. A.); Kuz'menok, NM (Kuz'menok, N. M.); Arol, AS (Arol, A. S.); Karpov, ON (Karpov, O. N.); Talroze, RV (Talroze, R., V)

Source: LIQUID CRYSTALS AND THEIR

APPLICATION **Volume:** 21 **Issue:** 2 **Pages:** 24-

34 **DOI:** 10.18083/LCAppl.2021.2.24 **Published:** APR-JUN 2021

Accession Number: WOS:000668149000002

ISSN: 1991-3966

Record 6 of 47

Title: Low-alkali borosilicate glass microspheres from waste cullet prepared by flame synthesis

Author(s): Larionau, P (Larionau, Pavel); Hujova, M (Hujova, Miroslava); Michalkova, M (Michalkova, Monika); Mahmoud, M (Mahmoud, Mokhtar); Svancarkova, A (Svancarkova, Anna); Galuskova, D (Galuskova, Dagmar); Parchoviansky, M (Parchoviansky, Milan); Bernardo, E (Bernardo, Enrico); Galusek, D (Galusek, Dusan); Kraxner, J (Kraxner, Jozef)

Source: INTERNATIONAL JOURNAL OF APPLIED GLASS

SCIENCE **Volume:** 12 **Issue:** 4 **Special Issue:** SI **Pages:** 562-

569 **DOI:** 10.1111/ijag.16144 **Early Access Date:** JUN 2021 **Published:** OCT 2021

Accession Number: WOS:000662720100001

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Parchoviansky, Milan		0000-0002-1267-9220
Bernardo, Enrico		0000-0003-4934-4405
Galusek, Dusan	H-2323-2011	0000-0001-5995-8780
Hujova, Miroslava		0000-0003-0876-7292

ISSN: 2041-1286

Record 7 of 47

Title: Synthesis of new mesomorphic terphenyl derivatives: the influence of terphenylene and functional fragments on the mesomorphic properties and ligand exchange on quantum dots

Author(s): Bezborodov, VS (Bezborodov, V. S.); Finko, AV (Finko, A. V.); Mikhalyonok, SG (Mikhalyonok, S. G.); Derikov, YI (Derikov, Y. I.); Shandryuk, GA (Shandryuk, G. A.); Kuz'menok, NM (Kuz'menok, N. M.); Arol, AS (Arol, A. S.); Karpov, ON (Karpov, O. N.); Talroze, RV (Talroze, R. V.)

Source: LIQUID CRYSTALS **DOI:** 10.1080/02678292.2021.1884912 **Early Access**

Date: FEB 2021

Accession Number: WOS:000620525500001

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Derikov, Yaroslav	N-6929-2016	0000-0001-6944-5700
Bezborodov, Vladimir		0000-0003-1903-7957
Finko, Alexander		0000-0002-1334-9485

ISSN: 0267-8292

eISSN: 1366-5855

Record 8 of 47

Title: Pigments from spent ammonium chloride zinc plating electrolytes

Author(s): Zalyhina, V (Zalyhina, Volha); Cheprasova, V (Cheprasova, Victoria); Romanovski, V (Romanovski, Valentin)

Source: JOURNAL OF CHEMICAL TECHNOLOGY AND

BIOTECHNOLOGY **Volume:** 96 **Issue:** 10 **Pages:** 2767-

2774 **DOI:** 10.1002/jctb.6822 **Early Access Date:** JUN 2021 **Published:** OCT 2021

Accession Number: WOS:000663850800001

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Romanovski, Valentin	A-3720-2017	0000-0003-1741-0316

ISSN: 0268-2575

eISSN: 1097-4660

Record 9 of 47

Title: Crystal structure, physicochemical, and sensory properties of solid solutions Bi_{1-x}LaxFe_{1-x}CoxO₃ (x=0, 0.05, 0.1)

Author(s): Glinskaya, A (Glinskaya, Anna); Petrov, G (Petrov, Gennady); Romanovski, V (Romanovski, Valentin)

Source: JOURNAL OF MATERIALS SCIENCE-MATERIALS IN

ELECTRONICS **Volume:** 32 **Issue:** 17 **Pages:** 22579-22587 **DOI:** 10.1007/s10854-021-

06743-3 **Early Access Date:** AUG 2021 **Published:** SEP 2021

Accession Number: WOS:000686457300007

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
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Romanovski, Valentin	A-3720-2017	0000-0003-1741-0316
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ISSN: 0957-4522

eISSN: 1573-482X

Record 10 of 47

Title: The influence of the morphology of titania and hydroxyapatite on the proliferation and osteogenic differentiation of human mesenchymal stem cells

Author(s): Kuvyrkou, YU (Kuvyrkou, Yauheni U.); Brezhneva, N (Brezhneva, Nadzeya); Skorb, EV (Skorb, Ekaterina V.); Ulasevich, SA (Ulasevich, Sviatlana A.)

Source: RSC ADVANCES **Volume:** 11 **Issue:** 7 **Pages:** 3843-3853 **DOI:** 10.1039/d0ra08271f **Published:** JAN 29 2021

Accession Number: WOS:000615282100007

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Ulasevich, Sviatlana	F-6452-2019	0000-0003-1753-911X
Kuvyrkov, Evgeny	R-2026-2017	0000-0002-5351-3833

eISSN: 2046-2069

Record 11 of 47

Title: High-quality gypsum binders based on synthetic calcium sulfate dihydrate produced from industrial waste

Author(s): Kamarou, M (Kamarou, Maksim); Korob, N (Korob, Natalia); Kwapinski, W (Kwapinski, Witold); Romanovski, V (Romanovski, Valentin)

Source: JOURNAL OF INDUSTRIAL AND ENGINEERING CHEMISTRY **Volume:** 100 **Pages:** 324-332 **DOI:** 10.1016/j.jiec.2021.05.006 **Published:** AUG 25 2021

Accession Number: WOS:000671223800002

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Romanovski, Valentin	A-3720-2017	0000-0003-1741-0316

ISSN: 1226-086X

eISSN: 1876-794X

Record 12 of 47

Title: Physicochemical and Biocidal Properties of Nickel-Tin and Nickel-Tin-Titania Coatings

Author(s): Pyanko, AV (Pyanko, A., V); Makarova, IV (Makarova, I., V); Kharitonov, DS (Kharitonov, D. S.); Makeeva, IS (Makeeva, I. S.); Sergievich, DS (Sergievich, D. S.); Chernik, AA (Chernik, A. A.)

Source: PROTECTION OF METALS AND PHYSICAL CHEMISTRY OF SURFACES **Volume:** 57 **Issue:** 1 **Pages:** 88-95 **DOI:** 10.1134/S2070205121010160 **Published:** JAN 2021

Accession Number: WOS:000627396300011

ISSN: 2070-2051

eISSN: 2070-206X

Record 13 of 47

Title: Corrosion Behavior of Modified Anodic Oxide Coatings on AD31 Aluminium Alloy

Author(s): Osipenko, MA (Osipenko, M. A.); Kharitonov, DS (Kharitonov, D. S.); Makarova, IV (Makarova, I., V); Romanovsky, VI (Romanovsky, V., I); Kurilo, II (Kurilo, I. I.)

Source: PROTECTION OF METALS AND PHYSICAL CHEMISTRY OF SURFACES **Volume:** 57 **Issue:** 3 **Pages:** 550-

558 **DOI:** 10.1134/S2070205121030175 **Published:** MAY 2021

Accession Number: WOS:000668193300015

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Romanovski, Valentin	A-3720-2017	0000-0003-1741-0316
Kharitonov, Dmitry	M-4780-2017	0000-0003-2071-3975

ISSN: 2070-2051

eISSN: 2070-206X

Record 14 of 47

Title: Ultrasonic-assisted electrodeposition of Cu-Sn-TiO₂ nanocomposite coatings with enhanced antibacterial activity

Author(s): Kharitonov, DS (Kharitonov, Dmitry S.); Kasach, AA (Kasach, Aliaksandr A.); Sergievich, DS (Sergievich, Denis S.); Wrzesinska, A (Wrzesinska, Angelika); Bobowska, I (Bobowska, Izabela); Darowicki, K (Darowicki, Kazimierz); Zielinski, A (Zielinski, Artur); Ryl, J (Ryl, Jacek); Kurilo, II (Kurilo, Irina I.)

Source: ULTRASONICS SONOCHEMISTRY **Volume:** 75 **Article**

Number: 105593 **DOI:** 10.1016/j.ultsonch.2021.105593 **Published:** JUL 2021

Accession Number: WOS:000670371200002

PubMed ID: 34038846

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Ryl, Jacek	J-9330-2019	0000-0002-0247-3851
Kharitonov, Dmitry	M-4780-2017	0000-0003-2071-3975

ISSN: 1350-4177

eISSN: 1873-2828

Record 15 of 47

Title: Anodic Electrodeposition of Chitosan-AgNP Composites Using In Situ Coordination with Copper Ions

Author(s): Kharitonov, DS (Kharitonov, Dmitry S.); Kasach, AA (Kasach, Aliaksandr A.); Gibala, A (Gibala, Agnieszka); Zimowska, M (Zimowska, Malgorzata); Kurilo, II (Kurilo, Irina I.); Wrzesinska, A (Wrzesinska, Angelika); Szyk-Warszynska, L (Szyk-Warszynska, Lilianna); Warszynski, P (Warszynski, Piotr)

Source: MATERIALS **Volume:** 14 **Issue:** 11 **Article**

Number: 2754 **DOI:** 10.3390/ma14112754 **Published:** JUN 2021

Accession Number: WOS:000660265700001

PubMed ID: 34071001

Author Identifiers:

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Kharitonov, Dmitry	M-4780-2017	0000-0003-2071-3975
Wrzesinska, Angelika		0000-0003-0434-0638
Warszynski, Piotr	A-5865-2008	0000-0001-5449-9060
Zimowska, Malgorzata		0000-0002-6021-2932
Szyk-Warszynska, Lilianna		0000-0002-2950-3459

eISSN: 1996-1944

Record 16 of 47

Title: Selective recovery of vanadium pentoxide from spent catalysts of sulfuric acid production: Sustainable approach

Author(s): Romanovskaia, E (Romanovskaia, Elena); Romanovski, V (Romanovski, Valentin); Kwapinski, W (Kwapinski, Witold); Kurilo, I (Kurilo, Irina)

Source: HYDROMETALLURGY **Volume:** 200 **Article**

Number: 105568 **DOI:** 10.1016/j.hydromet.2021.105568 **Published:** MAR 2021

Accession Number: WOS:000620026400020

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Romanovskaia, Elena	AAW-8011-2020	0000-0001-8815-356X
Romanovski, Valentin	A-3720-2017	0000-0003-1741-0316

ISSN: 0304-386X

eISSN: 1879-1158

Record 17 of 47

Title: Detection of gold cysteine thiolate complexes on gold nanoparticles with time-of-flight secondary ion mass spectrometry

Author(s): Nie, HY (Nie, Heng-Yong); Romanovskaia, E (Romanovskaia, Elena); Romanovski, V (Romanovski, Valentin); Hedberg, J (Hedberg, Jonas); Hedberg, YS (Hedberg, Yolanda S.)

Source: BIOINTERPHASES **Volume:** 16 **Issue:** 2 **Article**

Number: 021005 **DOI:** 10.1116/6.0000910 **Published:** MAR 2021

Accession Number: WOS:000636036800001

PubMed ID: 33810641

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Hedberg, Yolanda	H-7493-2012	0000-0003-2145-3650
Romanovskaia, Elena	AAW-8011-2020	0000-0001-8815-356X
Romanovski, Valentin	A-3720-2017	0000-0003-1741-0316
		0000-0003-2100-8864
Nie, Heng-Yong	A-2391-2008	0000-0002-8287-5171

ISSN: 1934-8630

eISSN: 1559-4106

Record 18 of 47

Title: Spatially Ordered Matrix of Nanostructured Tin-Tungsten Oxides Nanocomposites Formed by Ionic Layer Deposition for Gas Sensing

Author(s): Gorokh, G (Gorokh, Gennady); Bogomazova, N (Bogomazova, Natalia); Taleb, A (Taleb, Abdelhafed); Zhylynski, V (Zhylynski, Valery); Galkovsky, T (Galkovsky, Timur); Zakhlebayeva, A (Zakhlebayeva, Anna); Lozovenko, A (Lozovenko, Andrei); Iji, M (Iji, Michael); Fedosenko, V (Fedosenko, Vladimir); Tolstoy, V (Tolstoy, Valeri)

Source: SENSORS **Volume:** 21 **Issue:** 12 **Article**

Number: 4169 **DOI:** 10.3390/s21124169 **Published:** JUN 2021

Accession Number: WOS:000666387200001

PubMed ID: 34204562

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Fiadosenka, Uladzimir		0000-0002-2863-3059

eISSN: 1424-8220

Record 19 of 47

Title: 3D-printed, carbon-based, lossy photonic crystals: Is high electrical conductivity the must?

Author(s): Kuzhir, P (Kuzhir, Polina); Paddubskaya, A (Paddubskaya, Alesia); Bychanok, D (Bychanok, Dzmitry); Liubimau, A (Liubimau, Aleksandr); Ortona, A (Ortona, Alberto); Fierro, V (Fierro, Vanessa); Celzard, A (Celzard, Alain)

Source: CARBON **Volume:** 171 **Pages:** 484-

492 **DOI:** 10.1016/j.carbon.2020.09.020 **Published:** JAN 2021

Accession Number: WOS:000598371500052

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
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Fierro, Vanessa	C-6266-2018	0000-0001-7081-3697
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Liubimov, Aliaksandr	H-5492-2016	0000-0002-0229-9937

ISSN: 0008-6223

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Record 20 of 47

Title: Stabilization of light emitting Eu²⁺ centers inside Ca(Sr)I-2:Eu particles in glass ceramics. The preliminary concept of synthesis

Author(s): Buryi, M (Buryi, Maksym); Salamakha, T (Salamakha, Tatsiana); Babin, V (Babin, Vladimir); Paterek, J (Paterek, Juraj); Hajek, F (Hajek, Frantisek); Remes, Z (Remes, Zdenek); Landova, L (Landova, Lucie); Trusova, E (Trusova, Ekaterina); Tratsiak, Y (Tratsiak, Yauhen)

Source: CERAMICS INTERNATIONAL **Volume:** 47 **Issue:** 20 **Pages:** 29232-

29252 **DOI:** 10.1016/j.ceramint.2021.07.088 **Published:** OCT 15 2021

Accession Number: WOS:000693435100005

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Buryi, Maksym	0000-0002-7529-255X
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Record 21 of 47

Title: Aqueous molybdate provides effective corrosion inhibition of WE43 magnesium alloy in sodium chloride solutions

Author(s): Kharitonov, DS (Kharitonov, Dmitry S.); Zimowska, M (Zimowska, Malgorzata); Ryl, J (Ryl, Jacek); Zielinski, A (Zielinski, Artur); Osipenko, MA (Osipenko, Maria A.); Adamiec, J (Adamiec, Janusz); Wrzesinska, A (Wrzesinska, Angelika); Claesson, PM (Claesson, Per M.); Kurilo, II (Kurilo, Irina I.)

Source: CORROSION SCIENCE **Volume:** 190 **Article**

Number: 109664 **DOI:** 10.1016/j.corsci.2021.109664 **Published:** SEP 2021

Accession Number: WOS:000686165900001

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Kharitonov, Dmitry	M-4780-2017	0000-0003-2071-3975

ISSN: 0010-938X

eISSN: 1879-0496

Record 22 of 47

Title: Superionic Liquids in Conducting Nanoslits: Insights from Theory and Simulations

Author(s): Groda, Y (Groda, Yaroslav); Dudka, M (Dudka, Maxym); Kornyshev, AA (Kornyshev, Alexei A.); Oshanin, G (Oshanin, Gleb); Kondrat, S (Kondrat, Svyatoslav)

Source: JOURNAL OF PHYSICAL CHEMISTRY C **Volume:** 125 **Issue:** 9 **Special Issue:** SI **Pages:** 4968-4976 **DOI:** 10.1021/acs.jpcc.0c10836 **Published:** MAR 11 2021

Accession Number: WOS:000629169900006

PubMed ID: 33841607

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