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Травень 2021

126 нових документів

### 1) [On asymptotic merging of nodes set for multichannel stochastic networks](#)

Livinska, H; Lebedev, E

JOURNAL OF COMPUTATIONAL AND APPLIED MATHEMATICS

Volume: 393 Article Number: 113535 Published: SEP 2021 Document Type: Article DOI: 10.1016/j.cam.2021.113535

Accession Number: WOS:000640526700009 Impact Factor 2019 = 2.037

### 2) [Emission from silicon as a real-time figure of merit for laser-induced periodic surface structure formation](#)

Dmytruk, A; Dmitruk, I; Berezovska, N; Karlash, A; Kadan, V; Blonskyi, I

JOURNAL OF PHYSICS D-APPLIED PHYSICS

Volume: 54 Issue: 26 Article Number: 265102 Published: JUL 1 2021 Document Type: Article DOI: 10.1088/1361-6463/abf22a

Impact Factor 2019 = 3.169

### 3) [Structure and magnetodielectric properties of titanium substituted barium hexaferrites](#)

Vinnik, DA; Starikov, AY; Zhivulin, VE; Astapovich, KA; Turchenko, VA; Zubar, TI; Trukhanov, SV; Kohout, J; Kmjec, T; Yakovenko, O; Matzui, L; Sombra, ASB; Zhou, D; Jotania, RB; Singh, C; Trukhanov, AV

CERAMICS INTERNATIONAL

Volume: 47 Issue: 12 Pages: 17293-17306 Published: JUN 15 2021 Document Type: Article DOI: 10.1016/j.ceramint.2021.03.041

Accession Number: WOS:000648619700005 Impact Factor 2019 = 3.83

### 4) [Spin crossover in Fell cyanometallic frameworks](#)

Kucheriv, OI; Fritsky, IO; Gural'skiy, IA

INORGANICA CHIMICA ACTA

Volume: 521 Article Number: 120303 Published: JUN 1 2021 Document Type: Review DOI: 10.1016/j.ica.2021.120303

Accession Number: WOS:000642449200002 Impact Factor 2019 = 2.304

### 5) [Structure of liquid Al-Sn alloys](#)

Roik, OS; Yakovenko, OM; Kazimirov, VP; Sokol'skii, VE; Golovataya, NV; Kashirina, YO

JOURNAL OF MOLECULAR LIQUIDS

Volume: 330 Article Number: 115570 Published: MAY 15 2021 Document Type: Article DOI: 10.1016/j.molliq.2021.115570

Accession Number: WOS:000640021400014 Impact Factor 2019 = 5.065

### 6) [Stress State of a Transversely Isotropic Plate with a Curved Hole Under Simple Shear at Infinity](#)

Khoma, IY; Proshchenko, TM

INTERNATIONAL APPLIED MECHANICS

Early Access: MAY 2021 Document Type: Article; Early Access DOI: 10.1007/s10778-021-01058-6 Accession Number: WOS:000649211000003

Impact Factor 2019 = n/a

### 7) [Application of gold nanoparticles for improvement of analytical characteristics of conductometric enzyme biosensors](#)

Soldatkin, OO; Soldatkina, OV; Piliponskiy, II; Rieznichenko, LS; Gruzina, TG; Dybkova, SM; Dzyadevych, SV; Soldatkin, AP

APPLIED NANOSCIENCE

Early Access: MAY 2021 Document Type: Article; Early Access DOI: 10.1007/s13204-021-01807-6 Accession Number: WOS:000648366700002

Impact Factor 2019 = 2.88

### 8) [Influence of the ultra-slow nucleation and growth dynamics on the room-temperature hysteresis of spin-crossover single crystals](#)

Hiiuk, VM; Ridier, K; Gural'skiy, IA; Golub, AA; Fritsky, IO; Molnar, G; Nicolazzi, W; Bousseksou, A

CHEMICAL PHYSICS LETTERS

Volume: 770 Article Number: 138442 Published: MAY 2021 Document Type: Article DOI: 10.1016/j.cplett.2021.138442

Accession Number: WOS:000647787800007 Impact Factor 2019 = 2.029



9) [Analysis of Biomechanical Parameters of Muscle Soleus Contraction and Blood Biochemical Parameters in Rat with Chronic Glyphosate Intoxication and Therapeutic Use of C-60 Fullerene](#)

Nozdrenko, D; Abramchuk, O; Prylutska, S; Vygovska, O; Soroca, V; Bogutska, K; Khrapatyi, S; Prylutsky, Y; Scharff, P; Ritter, U

INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES

Volume: 22 Issue: 9 Article Number: 4977 Published: MAY 2021 Document Type: Article DOI: 10.3390/ijms22094977  
Accession Number: WOS:000650385800001 Impact Factor 2019 = 4.556

10) [Magnetogenesis by non-minimal coupling to gravity in Higgs inflation model](#)

Kamarpour, M

ANNALS OF PHYSICS

Volume: 428 Article Number: 168459 Published: MAY 2021 Document Type: Article DOI: 10.1016/j.aop.2021.168459  
Accession Number: WOS:000645091200005 Impact Factor 2019 = 2.083

11) [Spatial-frequency features of radiation produced by a step-wise tapered undulator](#)

Trebushinin, A; Serkez, S; Veremchuk, M; Rakshun, Y; Geloni, G

JOURNAL OF SYNCHROTRON RADIATION

Volume: 28 Pages: 769-777 Part: 3 Published: MAY 2021 Document Type: Article DOI: 10.1107/S1600577521001958  
Accession Number: WOS:000647763100009 Impact Factor 2019 = 2.251

12) [Thermodynamic properties of interacting bosons with zero chemical potential](#)

Stashko, OS; Anchishkin, DV; Savchuk, OV; Gorenstein, MI

JOURNAL OF PHYSICS G-NUCLEAR AND PARTICLE PHYSICS

Volume: 48 Issue: 5 Article Number: 055106 Published: MAY 2021 Document Type: Article DOI: 10.1088/1361-6471/abd5a5  
Accession Number: WOS:000640401700001 Impact Factor 2019 = 2.415

13) [ANALYSIS OF GENDER EQUALITY IN PROFESSIONAL ACTIVITIES](#)

Bukina, T; Kravchenko, I; Slinko, T; Chupruna, L; Sychova, V

LAPLAGE EM REVISTA

Volume: 7 Issue: 2 Pages: 318-330 Published: MAY-AUG 2021 Document Type: Article DOI: 10.24115/S2446-6220202172737p.318-330  
Accession Number: WOS:000638985900009 Impact Factor 2019 = n/a

14) [Gap generation and flat band catalysis in dice model with local interaction](#)

Gorbar, EV; Gusynin, VP; Oriekhov, DO

PHYSICAL REVIEW B

Volume: 103 Issue: 15 Article Number: 155155 Published: APR 29 2021 Document Type: Article DOI: 10.1103/PhysRevB.103.155155  
Accession Number: WOS:000646766000001 Impact Factor 2019 = 3.575

15) [Guaranteed a posteriori estimation of unknown right-hand sides of linear periodic systems of ODEs](#)

Nakonechnyi, O; Podlipenko, Y

APPLICABLE ANALYSIS

Early Access: APR 2021 Document Type: Article; Early Access DOI: 10.1080/00036811.2021.1919647  
Accession Number: WOS:000648256900001 Impact Factor 2019 = 1.107

16) [Belgica antarctica \(Diptera: Chironomidae\): A natural model organism for extreme environments](#)

Kozeretska, I; Serga, S; Kovalenko, P; Gorobchyshyn, V; Convey, P

INSECT SCIENCE

Early Access: APR 2021 Document Type: Review; Early Access DOI: 10.1111/1744-7917.12925  
Accession Number: WOS:000645092100001 Impact Factor 2019 = 2.791

17) [Efficient Sensitized Luminescence of Binuclear Ln\(III\) Complexes Based on a Chelating Bis-Carbacylamidophosphate](#)

Horniichuk, OY; Kariaka, NS; Smola, SS; Rusakova, NV; Trush, VO; Sliva, TY; Amirkhanov, VM

JOURNAL OF FLUORESCENCE

Early Access: APR 2021 Document Type: Article; Early Access DOI: 10.1007/s10895-021-02733-0  
Accession Number: WOS:000644281500001 Impact Factor 2019 = 2.093

18) [Thermodynamic basis of the alpha-helix and DNA duplex](#)

**Dragan, AI**; Crane-Robinson, C; Privalov, PL

EUROPEAN BIOPHYSICS JOURNAL WITH BIOPHYSICS LETTERS

Early Access: APR 2021 Document Type: Article; Early Access DOI: 10.1007/s00249-021-01520-w Accession Number: WOS:000643192500001 Impact Factor 2019 = 2.094

19) [Effect of Ga Content on High-Temperature Oxidation of \(Cu,Ga\) Solid Solution Powders](#)

**Nakonechna, O**; Tymoshenko, M; Titov, Y; Belyavina, N

ARABIAN JOURNAL FOR SCIENCE AND ENGINEERING

Early Access: APR 2021 Document Type: Article; Early Access DOI: 10.1007/s13369-021-05660-1 Accession Number: WOS:000642069800002 Impact Factor 2019 = 1.711

20) [An ABC-type transporter endowing glyphosate resistance in plants](#)

Pan, L; Yu, Q; Wang, JZ; Han, HP; Mao, LF; **Nyporko, A**; **Maguza, A**; Fan, LJ; Bai, LY; Powles, S

PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA

Volume: 118 Issue: 16 Article Number: e2100136118 Published: APR 20 2021 Document Type: Article DOI: 10.1073/pnas.2100136118 Accession Number: WOS:000642461500004 Impact Factor 2019 = 9.412

21) [Sensitivity of the SHIP experiment to light dark matter](#)

Ahdida, C; Akmete, A; Albanese, R; Alexandrov, A; Anokhina, A; Aoki, S; Arduini, G; Atkin, E; Azorskiy, N; Back, JJ; Bagulya, A; Dos Santos, FB; Baranov, A; Bardou, F; Barker, GJ; Battistin, M; Bauche, J; Bay, A; Bayliss, V; Bencivenni, G; Berdnikov, AY; Berdnikov, YA; Bertani, M; Betancourt, C; Bezshyiko, I; **Bezshyyko, O**; Bick, D; Bieschke, S; Blanco, A; Boehm, J; Bogomilov, M; Boiarska, I; Bondarenko, K; Bonivento, WM; Borburgh, J; **Boyarsky, A**; Brenner, R; Breton, D; Buscher, V; Buonauro, A; Buonocore, L; Buontempo, S; Cadeddu, S; Calcaterra, A; Calviani, M; Campanelli, M; Casolino, M; Charitonidis, N; Chau, P; Chauveau, J; Chepurinov, A; Chernyavskiy, M; Choi, KY; Chumakov, A; Ciambone, P; Cicero, V; Congedo, L; Cornelis, K; Cristinziani, M; Crupano, A; Dallavalle, GM; Datwyler, A; D'Ambrosio, N; D'Appollonio, G; de Asmundis, R; Saraiva, JD; De Lellis, G; de Magistris, M; De Roeck, A; De Serio, M; De Simone, D; Dedenko, L; Dergachev, P; Di Crescenzo, A; Di Giulio, L; Di Marco, N; Dib, C; Dijkstra, H; Dmitrenko, V; Dougherty, LA; Dolmatov, A; Domenici, D; Donskov, S; **Drohan, V**; Dubreuil, A; Durhan, O; Ehlert, M; Elikkaya, E; Enik, T; Etenko, A; Fabbri, F; Fedin, O; Fedotovs, F; Felici, G; Ferrillo, M; Ferro-Luzzi, M; Filippov, K; Fini, RA; Fonte, P; Franco, C; Fraser, M; Fresa, R; Froeschl, R; Frugiuele, C; Fukuda, T; Galati, G; Gall, J; Gagnon, L; Gavrilov, G; Gentile, V; Goddard, B; **Golinka-Bezshyyko, L**; Golovatiuk, A; Golovtsov, V; Golubkov, D; Golutvin, A; Gorbounov, P; Gorbunov, D; Gorbunov, S; **Gorkavenko, V**; Gorshenkov, M; Grachev, V; Grandchamp, AL; Graverini, E; Grenard, JL; Grenier, D; Grichine, V; Gruzinskii, N; Guler, AM; Guz, Y; Haefeli, GJ; Hagner, C; Hakobyan, H; Harris, IW; van Herwijnen, E; Hessler, C; Hollnagel, A; Hosseini, B; Hushchyn, M; Iaselli, G; Iuliano, A; Jacobsson, R; Jokovic, D; Jonker, M; **Kadenko, I**; Kain, V; Kaiser, B; Kamiscioglu, C; Karpenkov, D; Kershaw, K; Khabibullin, M; Khalikov, E; Khaustov, G; Khoriauli, G; Khotyantsev, A; Kim, YG; Kim, V; Kitagawa, N; Ko, JW; Kodama, K; Kolesnikov, A; Kolev, DI; Kolosov, V; Komatsu, M; Kono, A; Konovalova, N; Kormannshaus, S; Korol, I; Korol'ko, I; Korzenev, A; Kostyukhin, V; Platia, EK; Kovalenko, S; Krasilnikova, I; Kudenko, Y; Kurbatov, E; Kurbatov, P; Kurochka, V; Kuznetsova, E; Lacker, HM; Lamont, M; Lanfranchi, G; Lantwin, O; Lauria, A; Lee, KS; Lee, KY; Levy, JM; Loschiavo, VP; Lopes, L; Sola, EL; Lyubovitskij, V; Maalmi, J; Magnan, A; Maleev, V; Malinin, A; Maltoni, F; Manabe, Y; Managadze, AK; Manfredi, M; Marsh, S; Marshall, AM; Mattelaer, O; Mefodev, A; Mermod, P; Miano, A; Mikado, S; Mikhaylov, Y; Milstead, DA; Mineev, O; Montanari, A; Montesi, MC; Morishima, K; Movchan, S; Muttoni, Y; Naganawa, N; Nakamura, M; Nakano, T; Nasybulin, S; Ninin, P; Nishio, A; Novikov, A; Obinyakov, B; Ogawa, S; Okateva, N; Opitz, B; Osborne, J; **Ovchynnikov, M**; Owtsharenko, N; Owen, PH; Pacholek, P; Paoloni, A; Park, BD; Pastore, A; Patel, M; Pereyma, D; Perillo-Marcione, A; Petkov, GL; Petridis, K; Petrov, A; Podgrudkov, D; Poliakov, V; Polukhina, N; Prieto, JP; Prokudin, M; Prota, A; Quercia, A; Rademakers, A; Rakai, A; Ratnikov, F; Rawlings, T; Redi, F; Ricciardi, S; Rinaldesi, M; **Rodin, V**; **Rodin, V**; Robbe, P; Cavalcante, ABR; Roganova, T; Rokujo, H; Rosa, G; Rovelli, T; Ruchayskiy, O; Ruf, T; Samoilenko, V; Samsonov, V; Galan, FS; Diaz, PS; Ull, AS; Saputi, A; Sato, O; Savchenko, ES; Schliwinski, JS; Schmidt-Parzefall, W; Serra, N; Sgobba, S; **Shadura, O**; Shakin, A; Shaposhnikov, M; Shatalov, P; Shchedrina, T; Shchutka, L; Shevchenko, V; Shibuya, H; Shirobokov, S; Shustov, A; Silverstein, SB; Simone, S; Simoniello, R; Skorokhvatov, M; Smirnov, S; Sohn, JY; **Sokolenco, A**; Solodko, E; Starkov, N; Stoel, L; Stramaglia, ME; Sukhonos, D; Suzuki, Y; Takahashi, S; Tastet, JL; Teterin, P; Naing, ST; Timiryasov, I; Tioukov, V; Tommasini, D; Torii, M; Tosi, N; Tramontano, F; Treille, D; Tsenov, R; Ulin, S; Ursov, E; Ustyuzhanin, A; Uteshev, Z; Uvarov, L; Vankova-Kirilova, G; Vannucci, F; Venturi, V; **Vilchinski, S**; Vincke, H; Vincke, H; Visoni, C; Vlasik, K; Volkov, A; Voronkov, R; van Waasen, S; Wanke, R; Wertelaers, P; Williams, O; Woo, JK; Wurm, M; Xella, S; Yilmaz, D; Yilmazer, AU; Yoon, CS; Zaytsev, Y; Zelenov, A; Zimmerman, J

JOURNAL OF HIGH ENERGY PHYSICS

Issue: 4 Article Number: 199 Published: APR 20 2021 Document Type: Article DOI: 10.1007/JHEP04(2021)199 Accession Number: WOS:000644180900001 Impact Factor 2019 = 5.875

22) [Correlation of Labor and Civil Contracts Related to the Performance of Work: Preventing the Substitution of Concepts](#)

**Inshyn, M**; Khutoryan, N; **Cherneha, R**; Bontlab, V; Tkachenko, D

EMPLOYEE RESPONSIBILITIES AND RIGHTS JOURNAL

Early Access: APR 2021 Document Type: Article; Early Access DOI: 10.1007/s10672-021-09373-3 Accession Number: WOS:000640716100001 Impact Factor 2019 = n/a



23) [A Diversity-Oriented Approach to Large Libraries of Artificial Macrocycles](#)

Kharchenko, SH; **Iampolska, AD; Radchenko, DS; Vashchenko, BV; Voitenko, ZV; Grygorenko, OO**

EUROPEAN JOURNAL OF ORGANIC CHEMISTRY

Early Access: APR 2021 Document Type: Article; Early Access DOI: 10.1002/ejoc.202100195 Accession Number:  
WOS:000640083400001 Impact Factor 2019 = 2.889

24) [Impact of wavelength, intensity and polarization on the morphology of femtosecond laser-induced structures on crystalline silicon surface](#)

**Karlash, A; Dmytruk, A; Dmytruk, I; Berezovska, N; Hrabovskiy, Y; Blonskiy, I**

APPLIED NANOSCIENCE

Early Access: APR 2021 Document Type: Article; Early Access DOI: 10.1007/s13204-021-01823-6 Accession Number:  
WOS:000638830800003 Impact Factor 2019 = 2.88

25) [Synthesis, Crystal Structure and Hirshfeld Surfaces of the N-\(bis\(benzylamino\)phosphoryl\)-4-Methylbenzenesulfonamide Polymeric tetrakis-Complex {Na\[Yb\(L\)\(4\)\(\(PrOH\)-Pr-i\)\]}\(n\)}](#)

**Prytula-Kurkunova, AY; Litsis, OO; Trush, VA; Sliva, TY; Gawryszewska, P; Amirkhanov, VM**

JOURNAL OF CHEMICAL CRYSTALLOGRAPHY

Early Access: APR 2021 Document Type: Article; Early Access DOI: 10.1007/s10870-021-00886-1 Accession Number:  
WOS:000638828700001 Impact Factor 2019 = 0.589

26) [Boundary conditions for the Neel order parameter in a chiral antiferromagnetic slab](#)

Pylypovskiy, OV; **Tomilo, AV; Sheka, DD;** Fassbender, J; Makarov, D

PHYSICAL REVIEW B

Volume: 103 Issue: 13 Article Number: 134413 Published: APR 9 2021 Document Type: Article DOI:  
10.1103/PhysRevB.103.134413 Accession Number: WOS:000646308000002 Impact Factor 2019 = 3.575

27) [Conformational composition of 1-butanol in matrix isolation](#)

**Doroshenko, I; Vaskivsky, Y; Chernolevskaya, Y; Doroshenko, O**

LOW TEMPERATURE PHYSICS

Volume: 47 Issue: 4 Pages: 318-324 Published: APR 2021 Document Type: Article DOI: 10.1063/10.0003744  
Accession Number: WOS:000646352100008 Impact Factor 2019 = 0.791

28) [Prospects for beyond the Standard Model physics searches at the Deep Underground Neutrino Experiment DUNE Collaboration](#)

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29) [Frame analysis as one of the effective methods of newspaper discourse studying](#)

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30) [Protection of public interests by narrowing private interests: where is the limit?](#)

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31) [The concept of soft law the role and legal technologies of influence on the legislation of states](#)

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32) [Calculation of fission fragment characteristics for the reactions  \$n\_{th}+U-235\$  and  \$n\(14\) MeV+U-235\$](#)

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33) [Evaluation of the Coherence of Polish Texts Using Neural Network Models](#)

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34) [Implications of Fagopyrin Formation In Vitro by UV Spectroscopic Analysis](#)

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35) [Development of Small Farms in the Agro-Industrial Complex](#)

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36) [Planetary Wave Spectrum in the Stratosphere-Mesosphere during Sudden Stratospheric Warming 2018](#)

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37) [Social Status of a Teacher in Ancient Rome](#)

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38) [Channeling of Charged Particles Near the Surface of Semiconductors and Conducting Crystals](#)

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39) [Tolerance in the Field of Education: Modern Challenges and New Paradigms](#)

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40) [Development of Tumor-Induced Bystander Effect and Radiosensitivity in the Peripheral Blood Lymphocytes of Glioblastoma Patients with Different MGMT Gene Methylation Statuses in Tumor Cells](#)

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41) [Plasmochemical Synthesis of Optically Active Substances](#)

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42) [Crystal structure and Hirshfeld surface analysis of poly\[\[bis\(mu\(4\)-N,N'-\(1,3,5-oxadiazinane-3,5-diyl\)bis-\(carbamoylmethanoato\)\]nickel\(II\)tetrapotassium\] 4.8-hydrate\]](#)

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43) [Transport Characteristics of the Near-Surface Layer of the Nucleus of Comet 67P/Churyumov-Gerasimenko](#)

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46) [CONCEPTUAL PRINCIPLES OF CONSTRUCTION OF MANAGEMENT ACCOUNTING OF CENTERS OF RESPONSIBILITY IN BUDGETING AT OIL AND FAT ENTERPRISES OF UKRAINE](#)

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47) [ENVIRONMENTAL INSURANCE FUNCTIONS: LEGAL ASPECT](#)

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48) [SOCIAL STATUS AS A DETERMINING COMPONENT OF THE MECHANISM FOR MANAGING THE ECONOMIC DEVELOPMENT OF THE VILLAGE](#)

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Issue: 1 Pages: 55-60 Published: 2021 Document Type: Article DOI: 10.17721/1728-2713.92.08 Accession Number: WOS:000637669100008 Impact Factor 2019 = n/a



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85) [USE OF QUANTITATIVE DATA OF 3D SEISMIC EXPLORATION FOR DETECTION OF TRAPS OF HYDROCARBONS WITH IN THE NORTH SIDE OF THE DNIEPER-DONETSK DEPRESSION](#)

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Volume: 12 Issue: 3 Special Issue: SI Pages: S85-S107 Published: MAY 2021 Document Type: Article DOI:  
10.14807/ijmp.v12i3.1522 Accession Number: WOS:000646631400005 Impact Factor 2019 = n/a

108) [Magnetogenesis in Higgs inflation](#)

**Kamarpour, M**

GENERAL RELATIVITY AND GRAVITATION

Volume: 53 Issue: 5 Article Number: 53 Published: MAY 2021 Document Type: Article DOI: 10.1007/s10714-021-02824-  
0 Accession Number: WOS:000650622800001 Impact Factor 2019 = 2.03

109) [ON THE DERIVATIVE MARTINGALE IN A BRANCHING RANDOM WALK](#)

Buraczewski, D; **Iksanov, A**; Mallein, B

ANNALS OF PROBABILITY

Volume: 49 Issue: 3 Pages: 1164-1204 Published: MAY 2021 Document Type: Article DOI: 10.1214/20-AOP1474  
Accession Number: WOS:000647283800004 Impact Factor 2019 = 2.377



110) [Crystal structure of \(N-1,N-3-bis\(\[1-\(4-methoxybenzyl\)-1H-1,2,3-triazol-4-yl\]methylidene\)-2,2-dimethylpropane-1,3-diamine\)bis\(thiocyanato\)iron\(II\)](#)

Znovjyak, K; Seredyuk, M; Malinkin, SO; Golenya, IA; Sliva, TY; Shova, S; Mulloev, NU

ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS

Volume: 77 Pages: 495+ Part: 5 Published: MAY 2021 Document Type: Article DOI: 10.1107/S2056989021003662  
Accession Number: WOS:000648788100006 Impact Factor 2019 = n/a

111) [Crystal structure of {N-1,N-3-bis\(\[1-tert-butyl-1H-1,2,3-triazol-4-yl\]methylidene\)-2,2-dimethyl-propane-1,3-diamine}bis\(thiocyanato\)iron\(II\)](#)

Znovjyak, K; Seredyuk, M; Malinkin, SO; Golenya, IO; Amirkhanov, VM; Shova, S; Mulloev, NU

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Volume: 77 Pages: 573+ Part: 5 Published: MAY 2021 Document Type: Article DOI: 10.1107/S2056989021004412  
Accession Number: WOS:000648788100022 Impact Factor 2019 = n/a

112) [Nonlinear magnetoelectric effects in Al-substituted strontium hexaferrite](#)

Liu, Y; Popov, M; Zavislyak, I; Qu, HW; Zhang, T; Zhang, JT; Page, MR; Balbashov, AM; Srinivasan, G

SCIENTIFIC REPORTS

Volume: 11 Issue: 1 Article Number: 8733 Published: APR 22 2021 Document Type: Article DOI: 10.1038/s41598-021-88203-w  
Accession Number: WOS:000642742500048 Impact Factor 2019 = 3.998

113) [Potential asteroid discoveries by the ESA Gaia mission: Results from follow-up observations](#)

Carry, B; Thuillot, W; Spoto, F; David, P; Berthier, J; Tanga, P; Mignard, F; Bouquillon, S; Mendez, RA; Rivet, JP; Le Van Suu, A; Dell'Oro, A; Fedorets, G; Frezouls, B; Granvik, M; Guiraud, J; Muinonen, K; Panem, C; Pauwels, T; Roux, W; Walmsley, G; Petit, JM; Abe, L; Ayvazian, V; Baillie, K; Baransky, A; Bendjoya, P; Dennefeld, M; Desmars, J; Eggl, S; Godunova, V; Hestroffer, D; Inasaridze, R; Kashuba, V; Krugly, YN; Molotov, IE; Robert, V; Simon, A; Sokolov, I; Souami, D; Tarady, V; Taris, F; Troianskyi, V; Vasylenko, V; Vernet, D

ASTRONOMY & ASTROPHYSICS

Volume: 648 Article Number: A96 Published: APR 20 2021 Document Type: Article DOI: 10.1051/0004-6361/202039579  
Accession Number: WOS:000641867100004 Impact Factor 2019 = 5.636

114) [Nature of Fast Relaxation Processes and Spectroscopy of a Membrane-Active Peptide Modified with Fluorescent Amino Acid Exhibiting Excited State Intramolecular Proton Transfer and Efficient Stimulated Emission](#)

Shaydyuk, YO; Bashmakova, NV; Dmytruk, AM; Kachkovsky, OD; Koniev, S; Strizhak, AV; Komarov, IV; Belfield, KD; Bondar, MV; Babii, O

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Volume: 6 Issue: 15 Pages: 10119-10128 Published: APR 20 2021 Document Type: Article DOI: 10.1021/acsomega.1c00193  
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115) [Connectedness percolation in the random sequential adsorption packings of elongated particles](#)

Lebovka, NI; Tatochenko, MO; Vygornitskii, NV; Eserkepov, AV; Akhunzhanov, RK; Tarasevich, YY

PHYSICAL REVIEW E

Volume: 103 Issue: 4 Article Number: 042113 Published: APR 6 2021 Document Type: Article DOI: 10.1103/PhysRevE.103.042113  
Accession Number: WOS:000650948900002 Impact Factor 2019 = 2.296

116) [Compact Galaxies with Active Star Formation from the SDSS DR14: Star-Formation Rates Derived from Combinations of Luminosities in Different Wavelength Ranges](#)

Izotova, IY; Izotov, YI

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Volume: 37 Issue: 2 Pages: 53-63 Published: MAR 2021 Document Type: Article DOI: 10.3103/S0884591321020033  
Accession Number: WOS:000647110300001 Impact Factor 2019 = 0.333

117) [The organic output from mechanical-biological treatment plants as a source of microplastics: Mini-review on current knowledge, research methodology and future study perspectives](#)

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Volume: 39 Issue: 5 Pages: 652-663 Published: MAY 2021 Document Type: Article DOI: 10.1177/0734242X20983914  
Accession Number: WOS:000648683200001 Impact Factor 2019 = 2.771



118) [ENSURING THE ON THE BEGINNING METAPHILOSOPHY: "ANTIQUÉ PROJECT"](#)

**Bezhnar, G; Omelchenko, V; Semykras, V; Turenko, V; Zarytska, O**

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Volume: 7 Issue: Extra-A Pages: 19-25 Published: JAN-APR 2021 Document Type: Article DOI: 10.24115/S2446-622020217Extra-A772p.19-25 Accession Number: WOS:000646173300003 Impact Factor 2019 = n/a

119) [Optimal Control of the Heating Process with Delay](#)

Demchenko, H; Diblik, J; **Khusainov, DY**

INTERNATIONAL CONFERENCE ON NUMERICAL ANALYSIS AND APPLIED MATHEMATICS ICNAAM 2019

Book Series: AIP Conference Proceedings Volume: 2293 Article Number: 340016 Published: 2020 Document Type: Proceedings Paper DOI: 10.1063/5.0028474 Accession Number: WOS:000636709500451 Impact Factor 2019 = n/a Conference: International Conference on Numerical Analysis and Applied Mathematics (ICNAAM) Location: Rhodes, GREECE Date: SEP 23-28, 2019

120) [Application of Statistical and Spectral Analysis for Investigation of the Turbulent Processes in the Magnetohydrodynamics](#)

**Kozak, L; Petrenko, B;** Kronberg, E; Lui, A

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Book Series: AIP Conference Proceedings Volume: 2293 Article Number: 420049 Published: 2020 Document Type: Proceedings Paper DOI: 10.1063/5.0026677 Accession Number: WOS:000636709500197 Impact Factor 2019 = n/a Conference: International Conference on Numerical Analysis and Applied Mathematics (ICNAAM) Location: Rhodes, GREECE Date: SEP 23-28, 2019

121) [Self-adjusted Data-Driven System for Prediction of Human Performance](#)

Burov, O; Lavrov, E; Pasko, N; Hlazunova, O; **Lavrova, O;** Kyzenko, V; Dolgikh, Y

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Book Series: Advances in Intelligent Systems and Computing Volume: 1131 Pages: 282-287 Published: 2020 Document Type: Proceedings Paper DOI: 10.1007/978-3-030-39512-4\_45 Accession Number: WOS:000643768600045 Impact Factor 2019 = n/a Conference: 3rd International Conference on Intelligent Human Systems Integration (IHSI) - Integrating People and Intelligent Systems Location: Modena, ITALY Date: FEB 19-21, 2020

122) [Electrical properties of epoxy composites with carbon nanotubes, mixed with TiO<sub>2</sub> or Fe particles](#)

**Lozitsky, OV; Vovchenko, LL; Matzui, LY; Milovanov, YS;** Garashchenko, VV

APPLIED NANOSCIENCE

Early Access: MAY 2021 Document Type: Article; Early Access DOI: 10.1007/s13204-021-01838-z Accession Number: WOS:000652961400001 Impact Factor 2019 = 2.88

123) [ABOUT EQUAL ACCESS TO JUSTICE IN A CONTEMPORARY WORLD](#)

**Izarova, I; Horban, N**

ACCESS TO JUSTICE IN EASTERN EUROPE

Issue: 2 Pages: 5-7 Published: MAY 2021 Document Type: Editorial Material DOI: 10.33327/AJEE-18-4.2-n000056 Accession Number: WOS:000647273300001 Impact Factor 2019 = n/a

124) [MECHANISM OF DISORDER GENESIS IN CELLULOSE MICROFIBRILS](#)

**Zabashta, U; Lazarenko, M; Alekseev, A; Tkachev, S; Vasylyuk, S; Kovalchuk, V; Bulavin, L**

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Volume: 55 Issue: 3-4 Pages: 223-230 Published: MAR-APR 2021 Document Type: Article DOI: 10.35812/CelluloseChemTechnol.2021.55.22 Accession Number: WOS:000652012800002 Impact Factor 2019 = n/a

125) [Gender Peculiarities of Psychological Factors Influence on the Formation of Communicative Attitudes of Adolescent Addicts](#)

**Aleksandrov, D;** Okhrimenko, I; **Levenets, O;** Dronov, A; Gorbenko, D

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Volume: 5 Issue: 5 Pages: 106-119 Published: 2021 Document Type: Article DOI: 10.14744/alrj.2021.92678 Accession Number: WOS:000648715000012 Impact Factor 2019 = n/a



126) [Action Planning Logic in Intelligent IT Systems Using the Example of Bots](#)

Telenyk, S; Nowakowski, G; Zharikov, E; Vovk, Y; **Tokmenko, OP**

2020 21ST INTERNATIONAL CONFERENCE ON RESEARCH AND EDUCATION IN MECHATRONICS (REM)

**Article Number:** 9313874 **Published:** 2020 **Document Type:** Proceedings Paper **DOI:** 10.1109/REM49740.2020.9313874

**Accession Number:** WOS:000646179200022 **Impact Factor 2019** = n/a

**Conference:** 21st International Conference on Research and Education in Mechatronics (REM) **Location:** Cracow, POLAND **Date:** DEC 09-11, 2020

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