

Список зарубежных статей

1. Title: Internal Lagrangians of PDEs as variational principles

Author(s): Druzhkov, K (Druzhkov, Kostya)

Source: JOURNAL OF GEOMETRY AND PHYSICS **Volume:** 199

Article Number: 105143 **DOI:** 10.1016/j.geomphys.2024.105143

Early Access Date: FEB 2024 **Published Date:** 2024 MAY

2. Title: CRITERIA FOR IDENTIFICATION OF LOCAL LEGAL ACTS
IN THE REPUBLIC OF ARMENIA

Author(s): Khandanyan, R (Khandanyan, Rafik)

Source: REVISTA UNIVERSIDAD Y SOCIEDAD **Volume:** 16

Issue: 2 **Pages:** 448-455 **Published Date:** 2024 MAR- APR

3. Title: Automatic Recognition and Replacement of Cyclic
Redundancy Checks for Program Optimization

Author(s): Arutunian, M (Arutunian, Mariam); Sargsyan, S (Sargsyan, Sevak); Mehrabyan, M (Mehrabyan, Matevos); Bareghamyan, L (Bareghamyan, Lilit); Aslanyan, H (Aslanyan, Hayk)

Source: IEEE ACCESS **Volume:** 12 **Pages:** 192146-192158 **DOI:** 10.1109/ACCESS.2024.3518953 **Published Date:** 2024

4. Title: Biogenic silver nanoparticles (AgNPs) against a resistant strain
of the bacterium Escherichia coli K-011

Author(s): Oganian, S (Oganian, S.); Tumoyan, J (Tumoyan, J.); Arsenyan, A (Arsenyan, A.); Bagdasarova, S (Bagdasarova, S.); Hovhannisyan, A (Hovhannisyan, A.)

Source: FEBS OPEN BIO **Meeting Abstract:** P-35-120

Volume: 14 **Pages:** 519-520 **Published Date:** 2024 JUN

5. Title: Breaking Barriers in Stress Detection: An Inter-Subject
Approach Using ECG Signals

Author(s): Tigranyan, S (Tigranyan, Shahane); Martirosyan, A (Martirosyan, Arman)

Source: 2024 IEEE 48TH ANNUAL COMPUTERS, SOFTWARE, AND APPLICATIONS CONFERENCE, COMPSAC

2024 **Book Series:** IEEE Annual International Computer Software and Applications Conference **Pages:** 1850- 1855 **DOI:** 10.1109/COMPSAC61105.2024.00293 **Published Date:** 2024

6. Title: US Soft Power and Value Transfer Modalities The Case of Armenia and the Armenian-American Community

Author(s): Gevorgyan, N (Gevorgyan, Nora)

Source: DIASPORA STUDIES **Volume:** 17 **Issue:** 1 **Pages:** 62-84

DOI: 10.1163/09763457-bja10071 **Published Date:** 2024 FEB

7. Title: The discovery of potentially new sources of natural artemisinin

Author(s): Kazaryan, S (Kazaryan, S.); Hovhannisyan, A (Hovhannisyan, A.)

Source: FEBS OPEN BIO **Meeting Abstract:** P-35-119

Volume: 14 **Pages:** 519-519 **Published Date:** 2024 JUN

8. Title: In vitro investigating the cytotoxic effects of biogenic AgNPs on the ZR-75 breast carcinoma cell line

Author(s): Tumoyan, J (Tumoyan, J.); Kazaryan, S (Kazaryan, S.); Hovhannisyan, A (Hovhannisyan, A.)

Source: FEBS OPEN BIO **Meeting Abstract:** P-21-012

Volume: 14 **Pages:** 238-239 **Published Date:** 2024 JUN

9. Title: SOME ISSUES OF JUDICIAL REVIEW OF REGULATORY LEGAL ACTS IN THE SOVIET LAW

Author(s): Khandanyan, R (Khandanyan, Rafik)

Source: JOURNAL OF LAW AND POLITICAL SCIENCES

Volume: 41 **Issue:** 2 **Published Date:** 2024 APR

10. Title: The Specificities of Populism in Countries of Democratic Transition: Challenges for Armenia

Author(s): Elamiryan, R (Elamiryan, Ruben)

Source: PERSPECTIVES ON POPULISM: Diverse Voices from the European Periphery **Book Series:** International Studies on Populism

Volume: 9 **Pages:** 117-138 **Published Date:** 2024

11. Title: The Role of Geometry in Tailoring the Linear and Nonlinear Optical Properties of Semiconductor Quantum Dots

Author(s): Mantashian, GA (Mantashian, Grigor A.)

Source: NANOPHOTONICS X **Book Series:** Proceedings of SPIE

Volume: 12991 **Article Number:** 129911N **DOI:** 10.1117/12.3027238 **Published Date:** 2024

12. Title: Kurmanji p'irč (f.) 'hair'

Author(s): Asatrian, GS (Asatrian, Garnik S.)

Source: IRAN AND THE CAUCASUS **Volume:** 28 **Issue:** 1 **Pages:** 87-89 **DOI:** 10.1163/1573384X-02801007 **Published Date:** 2024 MAR

13 Title: Missionaries in Persia: Cultural Diversity and Competing Norms in Global Catholicism

Author(s): Hayrapetyants, A (Hayrapetyants, Alen)

Source: IRAN AND THE CAUCASUS **Volume:** 28 **Issue:** 4-5 **Pages:** 516-517 **Published Date:** 2024 NOV

14. Title: The Armeno-Avarica

Author(s): Asatrian, GS (Asatrian, Garnik S.)

Source: IRAN AND THE CAUCASUS **Volume:** 28 **Issue:** 4-5 **Pages:** 433-436 **DOI:** 10.1163/1573384X-02804007 **Published Date:** 2024 NOV

15. Title: The cytotoxicity and antibacterial activity of Moringa oleifera-mediated silver nanoparticles

Author(s): Timotina, M (Timotina, M.); Manutsyan, T (Manutsyan, T.); Ginovyan, M (Ginovyan, M.); Trchounian, K (Trchounian, K.); Gabrielyan, L (Gabrielyan, L.); Aghajanyan, A (Aghajanyan, A.)

Source: FEBS OPEN BIO **Meeting Abstract:** P-35-051 **Volume:** 14 **Pages:** 442-442 **Published Date:** 2024 JUN **Supplement:** 2

16. Title: Discovery of a novel piperazine derivative, cmp2: a selective TRPC6 activator suitable for treatment of synaptic deficiency in Alzheimer's disease hippocampal neurons

Author(s): Zernov, N (Zernov, Nikita); Ghamaryan, V (Ghamaryan, Viktor); Melenteva, D (Melenteva, Daria); Makichyan, A (Makichyan, Ani); Hunanyan, L (Hunanyan, Lernik); Popugaeva, E (Popugaeva, Elena)

Source: SCIENTIFIC REPORTS **Volume:** 14 **Issue:** 1 **Article Number:** 23512 **DOI:** 10.1038/s41598-024-73849- z **Published Date:** 2024 OCT 9

17. Title: Nanocomposite Material Based on Polyvinyl Alcohol Modified with Carbon Nanotubes: Mechanism of Formation and Electronic Energy Structure

Author(s): Elbakyan, L (Elbakyan, Lusine); Zaporotskova, I (Zaporotskova, Irina); Hayrapetyan, D (Hayrapetyan, David)

Source: JOURNAL OF COMPOSITES SCIENCE **Volume:** 8 **Issue:** 2 **Article Number:** 54 **DOI:**10.3390/jcs8020054 **Published Date:** 2024 FEB

18. Title: Out of the Mouth of Babes ... (Ps. 8:2) Children as Mediums in Pahlavi Literature

Author(s): Weinreich, M (Weinreich, Matthias)

Source: IRAN AND THE CAUCASUS **Volume:** 28 **Issue:** 4-5 **Pages:** 357-377 **DOI:** 10.1163/1573384X-0280400 **Published Date:** 2024 NOV

19. Title: Neuroprotective Effect of Artemisinin in an Animal Model of Alzheimer's Disease

Author(s): Tiratsuyan, S (Tiratsuyan, Susanna); Hambardzumyan, Y (Hambardzumyan, Yelena); Poghosyan, M (Poghosyan, Michael); Danielyan, M (Danielyan, Margarita); Hovhannisyan, A (Hovhannisyan, Ashkhen)

Source: CURRENT MEDICINAL CHEMISTRY **DOI:** 10.2174/0109298673312842241003111836 **Early Access Date:** OCT 2024 **Published Date:** 2024 OCT 18

20. Title: The multi-impurity system in CdSe nanoplatelets: electronic structure and thermodynamic properties

Author(s): Baghdasaryan, DA (Baghdasaryan, D. A.); Harutynyan, VA (Harutynyan, V. A.); Kazaryan, EM (Kazaryan, E. M.); Sarkisyan, HA (Sarkisyan, H. A.)

Source: COMMUNICATIONS IN THEORETICAL PHYSICS **Volume:** 76 **Issue:** 3 **Article Number:** 035702 **DOI:** 10.1088/1572-9494/ad236a **Published Date:** 2024 MAR 1

21. Title: Photoluminescence Spectra in GaAs Biconical Quantum Dot

Author(s): Gavalajyan, SP (Gavalajyan, S. P.)

Source: NANOPHOTONICS X **Book Series:** Proceedings of SPIE **Volume:** 12991 **Article Number:** 129910X **DOI:**

10.1117/12.3016254 **Published Date:** 2024

22. Title: Non-Markovian Dynamics in a Quantum Emitter near a Topological Insulator Nanoparticle

Author(s): Paspalakis, E (Paspalakis, Emmanuel); Baskoutas, S (Baskoutas, Sotirios); Hayrapetyan, D (Hayrapetyan, David); Thanopulos, I (Thanopulos, Ioannis)

Source: INTERNATIONAL CONFERENCE ON NUMERICAL ANALYSIS AND APPLIED MATHEMATICS 2022, ICNAAM-2022

Book Series: AIP Conference Proceedings **Volume:** 3094 **Article Number:** 500041 **DOI:** 10.1063/5.0210126 **Published Date:** 2024

23. Title: Combining Static Analysis With Directed Symbolic Execution for Scalable and Accurate Memory Leak Detection

Author(s): Aslanyan, H (Aslanyan, Hayk); Movsisyan, H (Movsisyan, Hovhannes); Hovhannisyanyan, H (Hovhannisyanyan, Hripsime); Gevorgyan, Z (Gevorgyan, Zhora); Mkoyan, R (Mkoyan, Ruslan); Avetisyan, A (Avetisyan, Arutyun); Sargsyan, S (Sargsyan, Sevak)

Source: IEEE ACCESS **Volume:** 12 **Pages:** 80128-80137 **DOI:** 10.1109/ACCESS.2024.3409838 **Published Date:** 2024

24. Title: Development of Economic Cooperation Between Russia and China in the Condition of New Geopolitical Threats and Challenges

Author(s): Davtyan, VS (Davtyan, Vahe S.); Tufetulov, AM (Tufetulov, Aidar M.); Rodnyansky, DV (Rodnyansky, Dmitry V.); Khairullin, IA (Khairullin, Ilnur A.); Margamov, AR (Margamov, Ainur R.); Valeeva, YS (Valeeva, Yulia S.)

Source: CHINA REPORT **Volume:** 60 **Issue:** 3 **Pages:** 322-338 **DOI:** 10.1177/00094455241288052 **Early Access Date:** NOV 2024 **Published Date:** 2024 AUG

25. Title: Single electron states and intraband absorption in dumbbell quantum dot

Author(s): Yengibaryan, NY (Yengibaryan, N. Y.)

Source: NANOPHOTONICS X **Book Series:** Proceedings of SPIE **Volume:** 12991 **Article Number:** 129910Y **DOI:** 10.1117/12.3016255 **Published Date:** 2024

26. Title: Impact of mutations on the stability of SARS-CoV-2

nucleocapsid protein structure

Author(s): Muradyan, N (Muradyan, Nelli); Arakelov, V (Arakelov, Vahram); Sargsyan, A (Sargsyan, Arsen); Paronyan, A (Paronyan, Adrine); Arakelov, G (Arakelov, Grigor); Nazaryan, K (Nazaryan, Karen)

Source: SCIENTIFIC REPORTS **Volume:** 14 **Issue:** 1 **Article Number:** 5870 **DOI:** 10.1038/s41598-024-55157-8 **Published Date:** 2024 MAR 11

27. Title: Single electron states and intraband absorption in GaAs Biconical Quantum Dot

Author(s): Gavalajyan, SP (Gavalajyan, S. P.); Mantashyan, PA (Mantashyan, P. A.); Kazaryan, EM (Kazaryan, E. M.); Hayrapetyan, DB (Hayrapetyan, D. B.)

Source: QUANTUM NANOPHOTONIC MATERIALS, DEVICES, AND SYSTEMS 2024 **Book Series:** Proceedings of SPIE **Volume:** 13120 **Article Number:** 1312005 **DOI:** 10.1117/12.3030914 **Published Date:** 2024

28. Title: Biexciton in Prolate Ellipsoidal Quantum Dot: Optical-Magnetic Properties

Author(s): Bleyan, YY (Bleyan, Y. Y.); Hayrapetyan, DB (Hayrapetyan, D. B.)

Source: COMPUTATIONAL AND THEORETICAL CHEMISTRY **Volume:** 1241 **Article Number:** 114874 **DOI:** 10.1016/j.comptc.2024.114874 **Early Access Date:** SEP 2024 **Published Date:** 2024 NOV

29. Title: Inversion of the two-data circular Radon transform centered on a curve on $C(R^2)$

Author(s): Aramyan, R (Aramyan, Rafik)

Source: STUDIES IN APPLIED MATHEMATICS **Volume:** 153 **Issue:** 2 **DOI:** 10.1111/sapm.12722 **Early Access Date:** MAY 2024 **Published Date:** 2024 AUG

30. Title: Linear and non-linear electrooptical transitions in CDSE nanoplatelets

Author(s): Baghdasaryan, DA (Baghdasaryan, Davit A.); Harutyunyan, VA (Harutyunyan, Volodya A.); Sarkisyan, HA (Sarkisyan, Hayk A.)

Source: OPTICAL AND QUANTUM ELECTRONICS **Volume:** 56 **Issue:** 7 **Article Number:** 1221 **DOI:** 10.1007/s11082-024-07180-2 **Published Date:** 2024 JUN 19

31. Title: Liver-targeting iron oxide nanoparticles and their complexes with plant extracts for biocompatibility

Author(s): Kazaryan, SA (Kazaryan, Shushanik A.); Oganian, SA (Oganian, Seda A.); Vardanyan, GS (Vardanyan, Gayane S.); Sidorenko, AS (Sidorenko, Anatolie S.); Hovhannisyan, AA (Hovhannisyan, Ashkhen A.)

Source: BEILSTEIN JOURNAL OF NANOTECHNOLOGY **Volume:** 15 **Pages:** 1593-1602

DOI: 10.3762/bjnano.15.125 **Published Date:** 2024 DEC 11

32. Title: Abdul-Baha, the Son of Persia. A Forgotten Chapter of the History of Enlightenment of Iran. A Memorial Volume on the Centenary of Passing of Abdul-Baha, 28 November 2021

Author(s): Arakelova, V (Arakelova, Victoria)

Source: IRAN AND THE CAUCASUS **Volume:** 28 **Issue:** 3 **Pages:** 336-338 **DOI:** 10.1163/1573384X-02803010 **Published Date:** 2024 AUG

33. Title: The Case of a Molokan Woman from the Archive of the Erivan Uezd Court (Mid-19th Century)

Author(s): Shuvaeva, E (Shuvaeva, Elena); Arakelova, V (Arakelova, Victoria)

Source: IRAN AND THE CAUCASUS **Volume:** 28 **Issue:** 4-5 **Pages:** 403-412 **DOI:** 10.1163/1573384X-02804009 **Published Date:** 2024 NOV

34. Title: Deep neural networks generalization and fine-tuning for 12-lead ECG classification

Author(s): Avetisyan, A (Avetisyan, Aram); Tigranyan, S (Tigranyan, Shahane); Asatryan, A (Asatryan, Ariana); Mashkova, O (Mashkova, Olga); Skorik, S (Skorik, Sergey); Ananev, V (Ananev, Vladislav); Markin, Y (Markin, Yury)

Source: BIOMEDICAL SIGNAL PROCESSING AND CONTROL **Volume:** 93 **Article Number:** 106160 **DOI:** 10.1016/j.bspc.2024.106160 **Early Access Date:** FEB 2024 **Published Date:** 2024 JUL

35. Title: Thermodynamics of an Ideal Electron Gas Localized in a Thin Spherical CdSe Nanolayer

Author(s): Tadevosyan, LA (Tadevosyan, L. A.); Stepanyan, VA (Stepanyan, V. A.); Ghaltaghchyan, HT (Ghaltaghchyan, H. T.); Mamasakhlisov, ES (Mamasakhlisov, E. S.); Sarkisyan, HA (Sarkisyan, H. A.)

Source: JOURNAL OF CONTEMPORARY PHYSICS-ARMENIAN ACADEMY OF SCIENCES **Volume:** 59 **Issue:** 2 **Pages:** 172-178 **DOI:** 10.1134/S1068337224700312 **Published Date:** 2024 JUN

36. Title: Tannin-albumin particles as stable carriers of medicines

Author(s): Ohanyan, N (Ohanyan, Nelli); Abelyan, N (Abelyan, Narek); Manukyan, A (Manukyan, Arpi); Hayrapetyan, V (Hayrapetyan, Vardan); Chailyan, S (Chailyan, Samvel); Tiratsuyan, S (Tiratsuyan, Susanna); Danielyan, K (Danielyan, Kristine)

Source: NANOMEDICINE **Volume:** 19 **Issue:** 8 **Pages:** 689-708 **DOI:** 10.2217/nnm-2023-0275 **Early Access Date:** FEB 2024 **Published Date:** 2024 APR

37. Title: Nadir gah's Decree Issued at the Request of the Armenian Merchants of Agulis

Author(s): Kostikyan, K (Kostikyan, Kristine); Margaryan, G (Margaryan, Gor)

Source: IRAN AND THE CAUCASUS **Volume:** 28 **Issue:** 2 **Pages:** 166-178 **DOI:** 10.1163/1573384X-02802004 **Published Date:** 2024 JUN

38. Title: Assessment of the Health Status of Whitefish (*Coregonus lavaretus* Linnaeus, 1758) and the Quality of Its Habitat in Lake Sevan (Armenia) Using a Multi-Biomarker Approach

Author(s): Melkonyan, H (Melkonyan, Hranush); Chuiko, G (Chuiko, Grigorii); Barseghyan, N (Barseghyan, Nelli); Vardanyan, T (Vardanyan, Tigran); Ghukasyan, E (Ghukasyan, Evelina); Kobelyan, H (Kobelyan, Hripsime); Gabrielyan, B (Gabrielyan, Bardukh)

Source: WATER **Volume:** 16 **Issue:** 19 **Article Number:** 2789 **DOI:** 10.3390/w16192789 **Published Date:** 2024 OCT

39. Title: An accidental image feature that appears but not disappears

Author(s): Sawada, T (Sawada, Tadamasu); Volk, D (Volk, Denis)

Source: JOURNAL OF MATHEMATICAL PSYCHOLOGY **Volume:** 119 **Article Number:** 102841 **DOI:** 10.1016/j.jmp.2024.102841 **Early Access Date:** FEB 2024 **Published**

Date: 2024 APR

40. Title: A role of rectangularity in perceiving a 3D shape of an object
Author(s): Dvoeglazova, M (Dvoeglazova, Maria); Sawada, T (Sawada, Tadamasu)

Source: VISION RESEARCH **Volume:** 221 **Article Number:** 108433 **DOI:** 10.1016/j.visres.2024.108433 **Early Access Date:** MAY 2024 **Published Date:** 2024 AUG

41. Title: Telemedicine is now legal in Armenia, how to make it a routine clinical practice?

Author(s): Ohannessian, R (Ohannessian, Robin); Oganessian, T (Oganessian, Tigran); Gevorgyan, A (Gevorgyan, Armine); Chaltikyan, G (Chaltikyan, Georgi); Terzan, L (Terzan, Laurence); Hovhannisyann, M (Hovhannisyann, Marine)

Source: JOURNAL OF PUBLIC HEALTH POLICY **Volume:** 45 **Issue:** 4 **Pages:** 799-802 **DOI:** 10.1057/s41271-024-00512-2 **Early Access Date:** JUL 2024 **Published Date:** 2024 DEC

42. Title: Association of Inflammasome Gene Expression Levels with Pathogenesis of Familial Mediterranean Fever in Armenians

Author(s): Hayrapetyan, V (Hayrapetyan, Varduhi); Karapetyan, L (Karapetyan, Lana); Ghukasyan, L (Ghukasyan, Lilit); Atshemyan, S (Atshemyan, Sofi); Ghazaryan, H (Ghazaryan, Hovsep); Vardanyan, V (Vardanyan, Valentina); Mukuchyan, V (Mukuchyan, Vahan); Arakelyan, A (Arakelyan, Arsen); Zakharyan, R (Zakharyan, Roksana)

Source: INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES **Volume:** 25 **Issue:** 23 **Article Number:** 12958 **DOI:** 10.3390/ijms252312958 **Published Date:** 2024 DEC

43. Title: Effect of Doping and Interband Pumping on the Optical Properties of GeSi/Si Quantum Dot Nanostructures for Infrared Detectors

Author(s): Ustimenko, RV (Ustimenko, Ratmir V.); Vinnichenko, MY (Vinnichenko, Maxim Ya.); Karaulov, DA (Karaulov, Danila A.); Sarkisyan, HA (Sarkisyan, Hayk A.); Hayrapetyan, DB (Hayrapetyan, David B.); Firsov, DA (Firsov, Dmitry A.)

Source: ACS APPLIED NANO MATERIALS **Volume:** 7 **Issue:** 23

Pages: 27245-27253 **DOI:**

10.1021/acsnm.4c05251 **Early Access Date:** NOV 2024 **Published Date:** 2024 NOV 26

44. Title: Temporal changes of gene expression in health, schizophrenia, bipolar disorder, and major depressive disorder

Author(s): Arakelyan, A (Arakelyan, Arsen); Avagyan, S (Avagyan, Susanna); Kurnosov, A (Kurnosov, Aleksey); Mkrtchyan, T (Mkrtchyan, Tigran); Mkrtchyan, G (Mkrtchyan, Gohar); Zakharyan, R (Zakharyan, Roksana); Mayilyan, KR (Mayilyan, Karine R.); Binder, H (Binder, Hans)

Source: SCHIZOPHRENIA **Volume:** 10 **Issue:** 1 **Article Number:** 19 **DOI:** 10.1038/s41537-024-00443-7 **Published Date:** 2024 FEB 17

45. Title: Two-dimensional pair-interacting hole gas thermodynamics: Exactly solvable Moshinsky model for lens-shaped quantum dots

Author(s): Mkrtchyan, MA (Mkrtchyan, M. A.); Mamasakhlisov, YS (Mamasakhlisov, Y. S.); Hayrapetyan, DB (Hayrapetyan, D. B.); Baskoutas, S (Baskoutas, S.); Sarkisyan, HA (Sarkisyan, H. A.)

Source: HELIYON **Volume:** 10 **Issue:** 15 **Article Number:** e34762 **DOI:** 10.1016/j.heliyon.2024.e34762 **Early Access Date:** JUL 2024 **Published Date:** 2024 AUG 15

46. Title: Genewise detection of variants in *MEFV* gene using nanopore sequencing

Author(s): Ghukasyan, L (Ghukasyan, Lilit); Khachatryan, G (Khachatryan, Gisane); Sirunyan, T (Sirunyan, Tamara); Minasyan, A (Minasyan, Arpine); Hakobyan, S (Hakobyan, Siras); Chavushyan, A (Chavushyan, Andranik); Hayrapetyan, V (Hayrapetyan, Varduhi); Ghazaryan, H (Ghazaryan, Hovsep); Martirosyan, G (Martirosyan, Gevorg); Mkrtchyan, G (Mkrtchyan, Gohar); Vardanyan, V (Vardanyan, Valentina); Mukuchyan, V (Mukuchyan, Vahan); Davidyants, A (Davidyants, Ashot); Zakharyan, R (Zakharyan, Roksana); Arakelyan, A (Arakelyan, Arsen)

Source: FRONTIERS IN GENETICS **Volume:** 15 **Article Number:** 1493295 **DOI:** 10.3389/fgene.2024.1493295 **Published Date:** 2024 NOV 29

47. Title: Understanding the geometrical properties of an Ames room and controlling it systematically and quantitatively

Author(s): Myrov, V (Myrov, Vladislav); Gorina, E (Gorina, Elena); Vodorezova, K (Vodorezova, Kristina); Dvoeglazova, M (Dvoeglazova, Maria); Koshmanova, E (Koshmanova, Ekaterina); Gorbunova, ES (Gorbunova, Elena S.); Sawada, T (Sawada, Tadamasu)

Source: JOURNAL OF MATHEMATICAL PSYCHOLOGY

Volume: 123 **Article Number:** 102885 **DOI:** 10.1016/j.jmp.2024.102885 **Early Access Date:** OCT 2024 **Published Date:** 2024 DEC

48. Title: Mollow triplet in Two-Impurity dumbbell quantum dot

Author(s): Yengibaryan, NY (Yengibaryan, N. Y.); Khachatryan, GV (Khachatryan, G. V.); Mantashian, GA (Mantashian, G. A.); Mantashyan, PA (Mantashyan, P. A.); Bester, G (Bester, G.); Baskoutas, S (Baskoutas, S.); Hayrapetyan, DB (Hayrapetyan, D. B.)

Source: RESULTS IN PHYSICS **Volume:** 57 **Article Number:** 107429 **DOI:** 10.1016/j.rinp.2024.107429 **Early Access Date:** FEB 2024 **Published Date:** 2024 FEB

49. Title: Optical gain and entanglement through dielectric confinement and electric field in InP quantum dots

Author(s): Garoufalis, CS (Garoufalis, Christos S.); Hayrapetyan, DB (Hayrapetyan, David B.); Sarkisyan, HA (Sarkisyan, Hayk A.); Mantashyan, PA (Mantashyan, Paytsar A.); Zeng, ZP (Zeng, Zaiping); Galanakis, I (Galanakis, Iosif); Bester, G (Bester, Gabriel); Steenbock, T (Steenbock, Torben); Baskoutas, S (Baskoutas, Sotirios)

Source: NANOSCALE **Volume:** 16 **Issue:** 17 **Pages:** 8447-8454 **DOI:** 10.1039/d3nr06679g **Early Access Date:** APR 2024 **Published Date:** 2024 MAY 2

50. Title: The Ames room and the misunderstood versions and depictions

Author(s): Koshmanova, E (Koshmanova, Ekaterina); Dvoeglazova, M (Dvoeglazova, Maria); Myrov, V (Myrov, Vladislav); Gorina, E (Gorina, Elena); Vodorezova, K (Vodorezova, Kristina); Gorbunova, ES (Gorbunova, Elena S.); Sawada, T (Sawada, Tadamasu)

Source: PERCEPTION **Volume:** 53 **Issue:** 11-12 **Pages:** 817-820 **DOI:** 10.1177/03010066241272260 **Early Access Date:** AUG 2024

Published Date: 2024 NOV 1

51. Title: Impurity affected transport properties of quantum well heterostructures with electronic and high- κ dielectric quantum screening

Author(s): Aharonyan, KH (Aharonyan, K. H.); Kazaryan, EM (Kazaryan, E. M.); Bazzan, M (Bazzan, M.); Kokanyan, EP (Kokanyan, E. P.)

Source: PHYSICA B-CONDENSED MATTER **Volume:** 695 **Article Number:** 416535 **DOI:**

10.1016/j.physb.2024.416535 **Early Access Date:** SEP 2024

Published Date: 2024 DEC 15

52. Title: Study of different heterocycles showing significant anti-severe acute respiratory syndrome 2 activity in vitro and in vivo

Author(s): Yengoyan, A (Yengoyan, Aleksandr); Gomktsyan, T (Gomktsyan, Tiruhi); Pivazyan, V (Pivazyan, Vergush); Ghazaryan, E (Ghazaryan, Emma); Shainova, R (Shainova, Roza); Karapetyan, A (Karapetyan, Armen); Avetyan, D (Avetyan, Diana); Aslanyan, L (Aslanyan, Levon); Baroyan, K (Baroyan, Karine); Tuzikov, A (Tuzikov, Alexander); Sargsyan, M (Sargsyan, Mariam); Baghdasaryan, B (Baghdasaryan, Bagrat); Bayramyan, N (Bayramyan, Nane);

Hakobyan, S (Hakobyan, Sona); Poghosyan, A (Poghosyan, Arpine); Avetisyan, A (Avetisyan, Aida); Avagyan, H (Avagyan, Hranush); Hakobyan, L (Hakobyan, Lina); Zaven, K (Zaven, Karalyan)

Source: VETERINARY WORLD **Volume:** 17 **Issue:** 6 **Pages:** 1281-1290 **DOI:** 10.14202/vetworld.2024.1281- 1290 **Published Date:** 2024 JUN

53. Title: Generation of iPSCs from a Patient with the M694V Mutation in the *MEFV* Gene Associated with Familial Mediterranean Fever and Their Differentiation into Macrophages

Author(s): Grigor'eva, EV (Grigor'eva, Elena V.); Karapetyan, LV (Karapetyan, Lana V.); Malakhova, AA (Malakhova, Anastasia A.); Medvedev, SP (Medvedev, Sergey P.); Minina, JM (Minina, Julia M.); Hayrapetyan, VH (Hayrapetyan, Varduhi H.); Vardanyan, VS (Vardanyan, Valentina S.); Zakian, SM (Zakian, Suren M.); Arakelyan, A (Arakelyan, Arsen); Zakharyan, R (Zakharyan, Roksana)

Source: INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES **Volume:** 25 **Issue:** 11 **Article Number:** 6102 **DOI:** 10.3390/ijms25116102 **Published Date:** 2024 JUN

54. Title: The efficacy of augmented reality exposure therapy in the treatment of spider phobia-a randomized controlled trial

Author(s): Jurcik, T (Jurcik, Tomas); Zarembo-Pike, S (Zarembo-Pike, Svetlana); Kosonogov, V (Kosonogov, Vladimir); Mohammed, AR (Mohammed, Abdul-Raheem); Krasavtseva, Y (Krasavtseva, Yulia); Sawada, T (Sawada, Tadamasa); Samarina, I (Samarina, Irina); Buranova, N (Buranova, Nilufar); Adu, P (Adu, Peter); Sergeev, N (Sergeev, Nikita); Skuratov, A (Skuratov, Andrei); Demchenko, A (Demchenko, Anastasia); Kochetkov, Y (Kochetkov, Yakov)

Source: FRONTIERS IN PSYCHOLOGY **Volume:** 15 **Article Number:** 1214125

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55. Title: Population genomics of post-glacial western Eurasia

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A (Coppa, Alfredo); Zubova, A (Zubova, Alisa); Silva, AM (Silva, Ana Maria); Hansen, AJ (Hansen, Anders J.); Gromov, A (Gromov, Andrey); Logvin, A (Logvin, Andrey); Gotfredsen, AB (Gotfredsen, Anne Birgitte); Nielsen, BH (Henning Nielsen, Bjarne); Gonzalez-Rabanal, B (Gonzalez-Rabanal, Borja); Lalueza-Fox, C (Lalueza-Fox, Carles); Mckenzie, CJ (Mckenzie, Catriona J.); Gaunitz, C (Gaunitz, Charleen); Blasco, C (Blasco, Concepcion); Liesau, C (Liesau, Corina); Martinez-Labarga, C (Martinez-Labarga, Cristina); Pozdnyakov, DV (Pozdnyakov, Dmitri V.); Cuenca-Solana, D (Cuenca-Solana, David); Lordkipanidze, DO (Lordkipanidze, David O.); En'shin, D (En'shin, Dmitri); Salazar-Garcia, DC (Salazar-Garcia, Domingo C.); Price, TD (Price, T. Douglas); Boric, D (Boric, Dusan); Kostyleva, E (Kostyleva, Elena); Veselovskaya, EV (Veselovskaya, Elizaveta V.); Usmanova, ER (Usmanova, Emma R.); Cappellini, E (Cappellini, Enrico); Petersen, EB (Brinch Petersen, Erik); Kannegaard, E (Kannegaard, Esben); Radina, F (Radina, Francesca); Yediay, FE (Eylem Yediay, Fulya); Duday, H (Duday, Henri); Gutierrez-Zugasti, I (Gutierrez-Zugasti, Igor); Merts, I (Merts, Ilya); Potekhina, I (Potekhina, Inna); Shevnina, I (Shevnina, Irina); Altinkaya, I (Altinkaya, Isin); Guilaine, J (Guilaine, Jean); Hansen, J (Hansen, Jesper); Tortosa, JEA (Aura Tortosa, Joan Emili); Zilhao, J (Zilhao, Joao); Vega, J (Vega, Jorge); Pedersen, KB (Buck Pedersen, Kristoffer); Tunia, K (Tunia, Krzysztof); Zhao, L (Zhao, Lei); Mylnikova, LN (Mylnikova, Liudmila N.); Larsson, L (Larsson, Lars); Metz, L (Metz, Laure); Yepiskoposyan, L (Yepiskoposyan, Levon); Pedersen, L (Pedersen, Lisbeth); Sarti, L (Sarti, Lucia); Orlando, L (Orlando, Ludovic); Slimak, L (Slimak, Ludovic); Klassen, L (Klassen, Lutz); Blank, M (Blank, Malou); Gonzalez-Morales, M (Gonzalez-Morales, Manuel); Silvestrini, M (Silvestrini, Mara); Vretemark, M (Vretemark, Maria); Nesterova, MS (Nesterova, Marina S.); Rykun, M (Rykun, Marina); Rolfo, MF (Rolfo, Mario Federico); Szmyt, M (Szmyt, Marzena); Przybyla, M (Przybyla, Marcin); Calattini, M (Calattini, Mauro); Sablin, M (Sablin, Mikhail); Dobisikova, M (Dobisikova, Miluse); Meldgaard, M (Meldgaard, Morten); Johansen, M (Johansen, Morten); Berezina, N (Berezina, Natalia); Card, N (Card, Nick); Saveliev, NA (Saveliev, Nikolai A.); Poshekhonova, O (Poshekhonova, Olga); Rickards, O (Rickards, Olga); Lozovskaya, OV (Lozovskaya, Olga V.); Gabor, O (Gabor, Oliver); Uldum, OC (Uldum, Otto Christian); Aurino, P (Aurino, Paola); Kosintsev, P (Kosintsev, Pavel); Courtaud, P (Courtaud, Patrice); Rios, P (Rios, Patricia); Mortensen, P (Mortensen, Peder); Lotz, P (Lotz, Per); Persson, P (Persson, Per); Bangsgaard, P (Bangsgaard, Pernille); Damgaard, PD (de

Barros Damgaard, Peter); Petersen, PV (Vang Petersen, Peter); Martinez, PP (Martinez, Pilar Prieto); Wlodarczak, P (Wlodarczak, Piotr); Smolyaninov, RV (Smolyaninov, Roman V.); Maring, R (Maring, Rikke); Menduina, R (Menduina, Roberto); Badalyan, R (Badalyan, Ruben); Iversen, R (Iversen, Rune); Turin, R (Turin, Ruslan); Vasilyev, S (Vasilyev, Sergey); Wahlin, S (Wahlin, Sidsel); Borutskaya, S (Borutskaya, Svetlana); Skochina, S (Skochina, Svetlana); Sorensen, SA (Sorensen, Soren Anker); Andersen, SH (Andersen, Soren H.); Jorgensen, T (Jorgensen, Thomas); Serikov, YB (Serikov, Yuri B.); Molodin, VI (Molodin, Vyacheslav I.); Smrcka, V (Smrcka, Vaclav); Merts, V (Merts, Victor); Appadurai, V (Appadurai, Vivek); Moiseyev, V (Moiseyev, Vyacheslav); Magnusson, Y (Magnusson, Yvonne); Kjaer, KH (Kjaer, Kurt H.); Lynnerup, N (Lynnerup, Niels); Lawson, DJ (Lawson, Daniel J.); Sudmant, PH (Sudmant, Peter H.); Rasmussen, S (Rasmussen, Simon); Korneliussen, TS (Korneliussen, Thorfinn Sand); Durbin, R (Durbin, Richard); Nielsen, R (Nielsen, Rasmus); Delaneau, O (Delaneau, Olivier); Werge, T (Werge, Thomas); Racimo, F (Racimo, Fernando); Kristiansen, K (Kristiansen, Kristian); Willerslev, E (Willerslev, Eske)

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56. Title: Analyzing and assessing key factors for high rates of economic growth in Armenia in 2022–2023: myth and reality studies on Russian economic development

Author(s): Sandoyan Edward

Source: Pleiades Publishing, P. 636-645

57. Title: Assessing the impact of fiscal policy on economic growth in Armenia Measuring the impact of fiscal policy on the economic growth of Armenia

Author(s): Voskanyan Mariam

Source: Economic Archive, (1), pp. 19-32. DOI: <https://doi.org/10.58861/tae.ea-nsa.2024.1.02.en>, P. 19-32

58. Title: Paths for the development of financial intermediation in industry 5.0: Opportunities for developing economies (on the example of former USSR republics)

Author(s): TuryanK.

Source: Journal of Infrastructure, Policy and Development EnPress

Publisher, LLC

59. Title: The Role of Fiscal Policy Rules in the Postcrisis Period: Easing or Tightening?

Author(s): Petrosyan Irina, Petrosyan Eghine, Petrosyan Garik

Source: Studies on Russian Economic Development, Pleiades Publishing, Vol.35, №2, 180-189

60. Title: Challenges of Effective Capital Inflow Management in the Modern Geopolitical Context (Case Study of the Republic Of Armenia)

Author(s): Mnatsakanyan Lida

Source: Journal of Computational Analysis and Applications, 33(06), 1148-1161

61. Title: Influence Of Immigration On Macroeconomic Indicators Of The Republic Of Armenia

Author(s): Petrosyan Eghine, Papian Zinavard

Source: Library Progress International, BPAS Journals, 44(03), 17788-17799

62. Title: Limit Allowable Value of the Bank of Russia Key Rate: Based on the Example of Agricultural Holdings

Author(s): Saakyan Maria

Source: Innovations in Sustainable Agricultural Systems, Volume 1. ISAS 2024. Lecture Notes in Networks and Systems, vol 1130

63. Title: Psychological and educational aspects of students' adaptation in the context of digitalization

Author(s): Saakyan Maria

Source: BIO Web Conf. XIII International Scientific and Practical Conference "Medico-biological and Pedagogical Foundations of Adaptation, Sports Activities and a Healthy, Volume 120, 2024

64. Title: General principles and potential organizational gains of CRM system implementation for municipal government structures in Armenia

Author(s): Martirosyan Goharik

Source: Acciones e investigaciones Sociales, Universitat de Valencia, No. 46 (2025)

65. Title: Using Metaphorical Imagery to Develop Imaginative Thought and Speech

Author(s): Akopyan Karen

Source: International Conference on Professional Culture of the Specialist of the Future, Springer Nature Switzerland, Volume 1, pp 352–360.

66. Title: Communicative and pragmatic features of talk show discourse

Author(s): Sarkisyan Inna

Source: Norwegian Journal of development of the International Science, № 134, 58-60

67. Title: Project Method in Russian Language Lessons: Experience of Interdisciplinary Teaching in an Armenian Audience (Проектный метод на уроках русского языка: опыт междисциплинарного обучения в армянской аудитории)

Author(s): Tunyan Seda

Source: German International Journal of Modern Science, No92, 43-47

68. Title: Contrastive description of Armenian and Chinese languages for educational purposes (Контрастивное описание армянского и китайского языков в учебных целях)

Author(s): Sarkisyan Inna

Source: XII International Scientific and Practical Conference «Modern science: fundamental and applied aspects», 67-70.