

Личная информация

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ScopusID: 56830565900

Статьи, опубликованные в журналах, входящих в индексы SCI, SSCI и AHCI

- I. **Low temperature DSC investigation of neutron irradiated non-crystalline Si_3N_4 nanoparticles**
Huseynov E., Naghiyev T.
JOURNAL OF NON-CRYSTALLINE SOLIDS, vol.647, pp.1-6, 2025 (SCI-Expanded)
- II. **Adsorption of sarin on zigzag boron-nitride nanotubes (BNNTs) via DFT**
Behmagham F., Arshadi S., Vessally E., Naghiyev T., Rzayev R., Sur D., Ganesan S.
COMPUTATIONAL AND THEORETICAL CHEMISTRY, vol.1243, pp.1-10, 2025 (SCI-Expanded)
- III. **An investigation of structural, thermo-physical, and photoelectric properties of glassy $\text{As}_2\text{Se}_3\text{-Ti}_2\text{Te}_3$ alloys**
Aliyev I. I., Rzayev R. M., Hashimov K. M., Ahmedova C. A., Naghiyev T.
MODERN PHYSICS LETTERS B, vol.38, no.25, 2024 (SCI-Expanded)
- IV. **Peculiarities of TP-e.m.f. caused by the heating of charge carriers by an electric field in a layered semiconductor n-InSe**
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EUROPEAN PHYSICAL JOURNAL B, vol.97, no.9, 2024 (SCI-Expanded)
- V. **Agglomeration and thermophysical parameters investigation of nanocrystalline Al_2SiO_5 particles at different heating rates**
Huseynov E. M., Naghiyev E. A., Naghiyev T., Rzayev R. M.
MATERIALS LETTERS, vol.370, 2024 (SCI-Expanded)
- VI. **Temperature dependence of photoconductivity in layered semiconductor p-GaSe**
Naghiyev T., Babayeva R., Aliyev Y.
European Physical Journal B, vol.97, no.6, 2024 (SCI-Expanded)
- VII. **Effect of gamma irradiation and Dy atoms on the thermal conductivity of TlInSe_2 crystals**
Verdieva N., Jafarov M., Rzayev R., Naghiyev T.
International Journal of Modern Physics B, vol.38, no.3, 2024 (SCI-Expanded)
- VIII. **The investigation gamma-irradiated nanocrystalline ZrC particles using infrared, DSC and TG methods**
Huseynov E. M., Muradova G. I., Mehdiyeva R. N., Hakhiyeva R. R., Naghiyev T., Mehdiyev N. M., Melikova S. Z., Aliyeva-Cabbarli U. S.
MODERN PHYSICS LETTERS B, vol.37, no.35, 2023 (SCI-Expanded)
- IX. **Determination shape of the potential well of traps in TlGaTe_2 crystals**
Abdullayev A. P., Rzayev R. M., Naghiyev T., Mammadova J. P., Aliyev S. S., Musazade I. V.
INTERNATIONAL JOURNAL OF MODERN PHYSICS B, vol.37, no.28, 2023 (SCI-Expanded)

- X. **Infrared photoluminescence and dynamic properties of ZnGa_2Se_4**
Asadullayeva S. G., Ismayilova N. A., Naghiyev T.
MODERN PHYSICS LETTERS B, vol.37, no.34, 2023 (SCI-Expanded)
- XI. **Investigation of the nanocrystalline nature of silicon carbide (3C-SiC) nanoparticles by XRD and TEM methods**
Huseynov E. M., Naghiyev T.
MODERN PHYSICS LETTERS B, vol.37, no.23, 2023 (SCI-Expanded)
- XII. **Electroluminescence in rare-earth doped n-InSe crystal promising for optoelectronics**
Babayeva R., Naghiyev T.
MODERN PHYSICS LETTERS B, vol.37, no.21, 2023 (SCI-Expanded)
- XIII. **Investigation of thermal parameters of AlN nanoparticles at the different heating rates**
Huseynov E. M., Naghiyev T.
Vacuum, vol.212, 2023 (SCI-Expanded)
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Aliyeva I. K., Naghiyev T., Aliyeva E. R.
MODERN PHYSICS LETTERS B, vol.37, no.12, 2023 (SCI-Expanded)
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Naghiyev T.
Modern Physics Letters B, vol.37, no.12, 2023 (SCI-Expanded)
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PHYSICA E-LOW-DIMENSIONAL SYSTEMS & NANOSTRUCTURES, vol.139, 2022 (SCI-Expanded)
- XVII. **Various thermal parameters investigation of 3C-SiC nanoparticles at the different heating rates**
Huseynov E. M., Naghiyev T.
APPLIED PHYSICS A-MATERIALS SCIENCE & PROCESSING, vol.128, no.2, 2022 (SCI-Expanded)
- XVIII. **Influence of external factors on photoluminescence of $\text{Ca}(\text{Al}_x\text{Ga}_{1-x})_2\text{S}_4:\text{Eu}^{2+}$ solid solutions**
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SOLID STATE COMMUNICATIONS, vol.342, 2022 (SCI-Expanded)
- XIX. **Thermodynamical study of $(\text{CaGa}_2\text{S}_4)_x(\text{BaGa}_2\text{S}_4)_{1-x}$ solid solutions**
Naghiyev T., Rzayev R. M.
MODERN PHYSICS LETTERS B, vol.35, no.31, 2021 (SCI-Expanded)
- XX. **Neutron-alpha reactions in nano $\alpha\text{-Si}_3\text{N}_4$ particles by neutrons**
Naghiyev T.
MODERN PHYSICS LETTERS A, vol.36, no.24, 2021 (SCI-Expanded)
- XXI. **Optical and Dynamic Properties of ZnGa_2S_4**
Asadullayeva S. G., Jahangirli Z. A., Naghiyev T., Mammadov D. A.
PHYSICA STATUS SOLIDI B-BASIC SOLID STATE PHYSICS, vol.258, no.8, 2021 (SCI-Expanded)
- XXII. **Photoluminescence study of Pr^{3+} doped CaGa_2S_4 in wide excitation intensity and temperature range**
Leanenia M. S., Lutsenko E. V., Rzhetski M. V., Yablonskii G. P., Naghiyev T., Tagiev O. B.
JOURNAL OF APPLIED PHYSICS, vol.129, no.24, 2021 (SCI-Expanded)
- XXIII. **Effect of Gamma Irradiation on the Thermal Switching of a GeS:Nd Single Crystal**
Alekperov A. S., Dashdemirov A. O., Naghiyev T., Jabarov S. H.
SEMICONDUCTORS, vol.55, no.6, pp.574-577, 2021 (SCI-Expanded)
- XXIV. **The study of neutron capture processes in AlN nanoparticles**
Naghiyev T.
INTERNATIONAL JOURNAL OF MODERN PHYSICS B, vol.35, no.09, 2021 (SCI-Expanded)
- XXV. **Study of thermal parameters of nanocrystalline silicon carbide (3C-SiC) using DSC spectroscopy**

- Huseynov E. M., Naghiyev T.
APPLIED PHYSICS A-MATERIALS SCIENCE & PROCESSING, vol.127, no.4, 2021 (SCI-Expanded)
- XXVI. **EPR spectroscopy of neutron irradiated nanocrystalline boron nitride (h-BN) particles**
Huseynov E. M., Naghiyev T., Garibov A. A., Abbasov N. R., Samedov O. A., Gasimov R. C., Bayramov M. A.
CERAMICS INTERNATIONAL, vol.47, no.5, pp.7218-7223, 2021 (SCI-Expanded)
- XXVII. **An investigation of silicon nitride (Si₃N₄) nanoparticles interaction with neutrons**
Naghiyev T.
MODERN PHYSICS LETTERS B, vol.35, no.6, 2021 (SCI-Expanded)
- XXVIII. **Computer modeling for the study of (n, p) and (n, α) modifications in AlN nanoparticles**
Naghiyev T.
JOURNAL OF THE KOREAN PHYSICAL SOCIETY, vol.78, no.3, pp.232-235, 2021 (SCI-Expanded)
- XXIX. **High-temperature X-ray diffraction study of Ag₂S-Cu₂S system**
Asadov Y. G., Aliyev Y. I., Dashdemirov A. O., Jabarov S. H., Naghiyev T.
MODERN PHYSICS LETTERS B, vol.34, 2020 (SCI-Expanded)
- XXX. **Computer simulation of (n, p) modifications in silicon nitride (Si₃N₄) nanoparticles**
Naghiyev T.
INTERNATIONAL JOURNAL OF MODERN PHYSICS B, vol.34, no.32, 2020 (SCI-Expanded)
- XXXI. **Ferrimagnetic-Paramagnetic Phase Transition in BaFe_{11.7}In_{0.3}O₁₉ Compound**
Agayev F. G., Jabarov S. H., Ayyubova G. S., Trukhanov A., Trukhanov S., Mirzayev M. N., Naghiyev T., Dang N. T.
JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM, vol.33, no.9, pp.2867-2873, 2020 (SCI-Expanded)
- XXXII. **Structural aspects of thermal properties of AgCuS compound**
Aliyev Y., Asadov Y. G., Ilyasli T. M., Mammadov F. M., Naghiyev T., Ismayilova Z. A., Mirzayev M. N., Jabarov S. H.
MODERN PHYSICS LETTERS B, vol.34, no.5, 2020 (SCI-Expanded)
- XXXIII. **Thermal parameters investigation of neutron-irradiated nanocrystalline silicon carbide (3C-SiC) using DTA, TGA and DTG methods**
Huseynov E. M., Naghiyev T., Aliyeva U. S.
PHYSICA B-CONDENSED MATTER, vol.577, 2020 (SCI-Expanded)
- XXXIV. **Polymorphic transformations and thermal expansion of some modifications in Ag_{1.5}Cu_{0.5}Se and Ag_{0.4}Cu_{1.6}Se**
Aliyev Y., Asadov Y., Dashdemirov A., Aliyeva R., Naghiyev T., Jabarov S.
INTERNATIONAL JOURNAL OF MODERN PHYSICS B, vol.33, no.23, pp.1-7, 2019 (SCI-Expanded)
- XXXV. **Thermostimulated Luminescence of GaS:Yb Crystals**
Madatov R., Asadov F., Asadov E., Naghiyev T.
Journal of the Korean Physical Society, vol.74, pp.508-511, 2019 (SCI-Expanded)
- XXXVI. **Influence of partial substitution of Cu atoms by Zn and Cd atoms on polymorphic transformation in the Cu_{1.75}Te crystal**
Aliyev Y., Asadov Y., Aliyeva R., Naghiyev T., Jabarov S.
MODERN PHYSICS LETTERS B, vol.33, pp.1-10, 2019 (SCI-Expanded)
- XXXVII. **Study on luminescent properties of Tb³⁺ and Sm³⁺ co-doped CaSiO₃ phosphors for white light emitting diodes**
Khan D. T., Dang N. T., Jabarov S. H., Naghiyev T., Rzayev R., Nguyen T. Q., Tuyen H., Thanh N. T., Son L. V. T.
MATERIALS RESEARCH EXPRESS, vol.7, no.1, 2019 (SCI-Expanded)
- XXXVIII. **Features of the edge photoconductivity of gamma-irradiated layered crystals GaS and GaS:Yb under the strong electric field**
Madatov R., Alekperov A., Gadzhieva N., Asadov F., Allahverdiev S., Asadov E., Naghiyev T.
INTERNATIONAL JOURNAL OF MODERN PHYSICS B, vol.33, no.09, pp.1-8, 2019 (SCI-Expanded)
- XXXIX. **Photoluminescence of CaxBa_{1-x}Ga₂S₄:Eu²⁺ solid solutions in wide excitation intensity and temperature intervals**

Leanenia M. S., Lutsenko E. V., Rzhetski M. V., Pavlovskii V. N., Yablonskii G. P., Naghiyev T., Tagiev B. G., Abushev S. A., Tagiev O. B.

JOURNAL OF LUMINESCENCE, vol.181, pp.121-127, 2017 (SCI-Expanded)

XL. High photoluminescence stability of CaGa₄O₇:Eu³⁺ red phosphor in wide excitation intensity interval

Leanenia M. S., Lutsenko E. V., Rzhetski M. V., Yablonskii G. P., Naghiyev T., Ganbarova H. B., Tagiev O. B.

OPTICAL MATERIALS, vol.54, pp.45-49, 2016 (SCI-Expanded)

XLII. Photoluminescence of Ca(x)Ba_{1-x}Ga₂S₄ Solid Solutions Activated by Eu²⁺ Ions

Leanenia M. S., Lutsenko E. V., Rzhetski N. V., Pavlovskii V. N., Yablonskii G. P., Nagiev T., Tagiev B. G., Abushev S. A., Tagiev O. B.

JOURNAL OF APPLIED SPECTROSCOPY (ENGLISH TRANSLATION OF ZHURNAL PRIKLADNOI SPEKTROSKOPII), vol.82, pp.248-253, 2015 (SCI-Expanded)

XLIII. Luminescence of Ca_{0.5}Ba_{0.5}Ga₂S₄ crystals activated by Eu²⁺ and Er³⁺ ions

Tagiev B. G., Tagiev O. B., Nagiev T., Asadullaeva S. G., Leonenya M. S., Yablonskii G. P., Abushov S. A.

OPTICS AND SPECTROSCOPY, vol.118, pp.389-392, 2015 (SCI-Expanded)

XLIV. Structural and luminescence properties of Ca_xBa_{1-x}Ga₂S₄:Eu²⁺ chalcogenide semiconductor solid solutions

Tagiyev B. G., Tagiyev O. B., Mammadov A. I., Quang V. X., Naghiyev T., Jabarov S. H., Leonenya M. S., Yablonskii G. P., Dang N. T.

PHYSICA B: CONDENSED MATTER, vol.478, pp.58-62, 2015 (SCI-Expanded)

XLV. Luminescence and Lasing in ZnSe Micropowders at High Optical Excitation Levels

Leanenya M. S., Lutsenko E. V., Pavlovskii V. N., Yablonskii G. P., Nagiev T., Tagiev B. G., Tagiev O. B., Abushev S. A.

JOURNAL OF APPLIED SPECTROSCOPY (ENGLISH TRANSLATION OF ZHURNAL PRIKLADNOI SPEKTROSKOPII), vol.82, pp.53-57, 2015 (SCI-Expanded)

Статьи, опубликованные в других журналах

I. An investigation of AlN nanoparticles by DTA and DTG methods

Naghiyev T., Huseynov E.

UNEC journal of engineering and applied sciences, vol.3, no.1, pp.10-14, 2023 (Scopus)

II. Effect of the europium doping on the calcium sulphide: structural and thermal aspects

Naghiyev T., Rzayev U., Huseynov E., Huseynov I., Jabarov S.

UNEC Journal of Engineering and Applied Sciences, vol.2, pp.85-91, 2022 (Scopus)

III. Room temperature photoluminescence study of undoped ZnGa₂S₄ compound

Naghiyev T.

Advanced Physical Research, vol.1, no.2, pp.81-85, 2019 (Scopus)

IV. RADIOACTIVITY STUDY OF 3C-SiC NANOPARTICLES UNDER THE NEUTRON FLUX AT THE TRIGA MARK II TYPE RESEARCH REACTOR

Huseynov E., Naghiyev T., Abbasov N.

Advanced Physical Research, vol.1, pp.42-51, 2019 (Scopus)

V. ROOM TEMPERATURE PHOTOLUMINESCENCE STUDY OF UNDOPED ZnGa₂S₄ COMPOUND

Asadullayeva S., Naghiyev T., Gafarova G.

Advanced Physical Research, vol.1, pp.81-85, 2019 (Scopus)

VI. (n, α) TRANSMUTATION OF AlN NANOPARTICLES UNDER THE NEUTRON FLUX

Huseynov E., Naghiyev T.

Advanced Physical Research, vol.1, pp.99-104, 2019 (Scopus)

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