

LISTA PUBLIKACJI 1983

LIST of PUBLICATIONS

ARTYKUŁY W CZASOPISMACH NAUKOWYCH

ARTICLES IN SCIENTIFIC JOURNALS

1. A.T.Aldred, **R. TROĆ**,
Critical Magnetic Behavior of Uranium Monosulphide.
J. Magn. Magn. Mater. **36**₃ (1983) 217–25. [\[DOI\]](#)
2. M.Ausloos, **K. DURCZEWSKI**,
Anisotropic Effects on the Spin Fluctuation Thermoelectric Power of Uniaxial Ferromagnetic Metals.
Solid State Commun. **45**₆ (1983) 495–7. [\[DOI\]](#)
3. R.Baptist, J.Chayrouse, D.Courtoix, L.Heintz, D.Damien, **A. WOJAKOWSKI**,
Photoémission dans le domaine X (XPS) de PuSb. [X-ray Photoelectron Spectroscopic Study of PuSb.]
J. Physique **44**₂ (1983) 241–6 [in French].
4. M.Baran, H.Szymczak, **B. JANUS**, **W. SUSKI**,
Electron Paramagnetic Resonance of Impurities in Uranium Trichalcogenides.
Solid State Commun. **48**₆ (1983) 569–71. [\[DOI\]](#)
5. **L. BIEGAŁA**, **J. UŁNER**,
Theory of the Magnon–Phonon Interaction in Magnetic Field Induced Ferromagnets.
Z. Phys. B **50**₁ (1983) 45–9. [\[DOI\]](#)
6. A.Blaise, J.M.Fournier, D.Damien, **A. WOJAKOWSKI**,
Magnetization of Neptunium Monoarsenide.
J. Magn. Magn. Mater. **31-4** (1983.02) 233–4 [pt I]. [\[DOI\]](#)
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8. L.Chełmicki, J.Leciejewicz, **A. ZYGMUNT**,
A Magnetic Phase Transition in UNi₂Si₂.
Solid State Commun. **48**₂ (1983) 177–9. [\[DOI\]](#)
9. **Z. CHRĄPKIEWICZ**, **W. ZAJĄC**, **T. ZAKRZEWSKI**, **B. ZYCH**,
Zależność przewodnictwa cieplnego mikrosfer od nacisku mechanicznego w niskich temperaturach. [The Dependence of Microsphere Thermal Conductivity on Mechanical Stress at Low Temperatures.]
Chłodnictwo **18**₁ (1982) 18–20 [in Polish].
10. **R. CYWIŃSKI**, **J.Z. DAMM**,
Effect of Oxygen Impurities on Recombination Luminescence in Some Alkali Halide Crystals.
Cryst. Res. Technol. **18**₁₂ (1983) 1561–6. [\[DOI\]](#)

11. **S. DANIUK**,
The LAPW Band Structure Calculation for Zinc.
Acta Phys. Pol. A **63**₅ (1983) 633–8.
12. F.Frey, H.Jagodziński, **A. PIETRASZKO**, C.Zeyen,
Diffuse Scattering and Phase Transitions in RbLiSO₄ Investigated by Neutron Scattering.
Solid State Commun. **46**₇ (1983) 557–60. [[DOI](#)]
- J.C.Fuggle, F.U.Hillebrecht, R.Zeller, **Z.Żołnierk**, P.A.Bennett, Ch.Freiburg,
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 - J.C.Fuggle, F.U.Hillebrecht, **Z.Żołnierk**, R.Lässer, Ch.Freiburg, O.Gunnarsson, K.Schönhammer,
Electronic Structure of Ce and Its Intermetallic Compounds.
Phys. Rev. B **27**₁₂ (1983) 7330–41. [[DOI](#)]
13. **T. HAŁACZEK**, W.Jeleński, A.Niklas, R.Wiechuła,
Cryostat for Testing Luminescence and Radiation Absorption in Ionic Crystals.
Cryogenics **23**₁₀ (1983) 533–4. [[DOI](#)]
14. **J. HANUZA**, **K. HERMANOWICZ**, W.Oganowski, **B. JEŻOWSKA-TRZEBIATOWSKA**,
The Structure of the Active V₂O₅/MgO Catalyst Layer on the Basis of IR and RAMAN Spectroscopic Data.
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15. **J. HANUZA**, W.Oganowski, **B. JEŻOWSKA-TRZEBIATOWSKA**,
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16. **Z. HENKIE**, W.R.Johanson, A.J.Arko, G.W.Crabtree, C.Bazan,
DE HAAS – van ALPHEN Measurements in the Ferromagnetic Compounds U₃P₄ and U₃As₄.
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17. **R. HORYŃ**, **R. ANDRUSZKIEWICZ**,
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J. Less-Comm. Met. **91**₁ (1983) L5–7. [[DOI](#)]
18. **R. HORYŃ**, J.Y.Henry, J.Rossat-Mignod,
Growth of Single Crystals of Some Uranium Monopnictides.
J. Cryst. Growth **63**₂ (1983) 407–9. [[DOI](#)]
19. **W. JASZCZUK**, R.Byrka,
Urządzenie do pomiaru słabych momentów magnetycznych dipolowych i kwadrupolowych.
[Device for Measuring Weak Magnetic Moments (Dipole and Quadrupole Moments).]
Pomiary Automatyka Kontrola **29**₂ (1983) 54–6 [in Polish].
20. **W. JASZCZUK**, **S. TROJANOWSKI**, **E. TROJNAR**,
Nadprzewodnikowy magnetometr kwantowy częstotliwości radiowej. [A Radio-Frequency Superconducting Quantum Interference Device.]
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21. **Z. KLETOWSKI**,
The Single Crystal Growth of CeNi_2Ge_2 and CeCu_2Si_2 Compounds.
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22. **G. KONTRYM-SZNAJD**,
Badanie struktury elektronowej metali metodą anihilacji pozityronów. [Investigation of the Electronic Structure of Metals by Positron Annihilation.]
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23. **T.K. KOPEĆ**,
Quantum Critical Behaviour of $X-Y$ Spin Model with Magnetic Field.
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24. **T.K. KOPEĆ, G. KOZŁOWSKI**,
On the Multi-Critical Behaviour of a Ferromagnetic Superconductor.
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On the Zero-Temperature Critical Behaviour of the Quantum $X - Y$ Model in a Transverse Magnetic Field.
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Solid State Commun. **45**₂ (1983) 149–52. [\[DOI\]](#)
27. J.Legendziewicz, G.Oczko, **W. STREK**,
Intensity Analysis and Luminescence Spectra of Non-Aqueous Solutions of Europium Compounds.
Z. Naturf. (a) **38**₁ (1983) 47–55.
28. **L. LIPIŃSKI, H. MANUSZKIEWICZ, A. SZMYRK**,
Cryogenic Temperature Controllers.
Pol. Techn. Rev. Nr 1 (75) (1983) 25–7.
29. **K. ŁUKASZEWCZ, A. WAŚKOWSKA, P.E. TOMASZEWSKI, Z.Czapla**,
X-ray Study of Phase Transitions of NH_4BeF_3 .
Phase Transit. **4**₁ (1983) 47–54. [\[DOI\]](#)
30. **R. ŁYŻWA**, A.Z.Patashinskii,
Influence of the Surface Structure on the Crystal Ordering Near Its Melting Point.
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31. **Z. MAZURAK, J. HANUZA, K. HERMANOWICZ, B. JEŻOWSKA-TRZEBIATOWSKA, D. Schultze, Ch.Waligora**,
Spectroscopic Properties of Er^{3+} Ions in $\text{Li}(\text{Er}, \text{Gd})\text{P}_4\text{O}_{12}$ Single Crystals – Fluorescence, RAMAN and Infrared Spectra.
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32. **H. MISIOREK, T. ZAKRZEWSKI, J. RAFALOWICZ**,
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33. H. MISIOREK, T. ZAKRZEWSKI, J. RAFAŁOWICZ,
Zasada odpowiadających sobie stanów dla przewodnictwa cieplnego próbek glinu o różnej czystości chemicznej, napromienionego szybkimi neutronami oraz plastycznie deformowanego.
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Wpływ czystości chemicznej na przewodnictwo cieplne aluminium w obszarze maksimum.
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38. B. NOWAK, J. KOWALEWSKI, O.J. ŻOGAŁ,
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39. W.Oganowski, A.Nowicki, J. HANUZA,
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40. H. OPYRCHAŁ, K.D. NIERZEWSKI, H. DRULIS,
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41. J. POŹNIAK,
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A He³ Cryostat with Charcoal Sorption Pump for Easy Control of Temperature.
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45. H.Schneider, **Z. KLETOWSKI**, F.Oster, D.Wohlleben,
Transport Properties of Single Crystals of CeCu₂Si₂ and CeNi₂Ge₂.
Solid State Commun. **48**₁₂ (1983) 1093–7. [\[DOI\]](#)
46. J.S.Schoenes, M.Küng, R.Hauert, **Z. HENKIE**,
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Solid State Commun. **47**₁ (1983) 23–7. [\[DOI\]](#)
47. J. SOSNOWSKI,
Losses in Multifilament Superconducting Wire at Increasing Transport Current and Magnetic Field.
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48. **H. STACHOWIAK**,
A Simple Model of Electron–Positron Interaction in an Electron Gas with no Low Density Divergence of the Annihilation Rate.
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49. **W. STRĘK, E. ŁUKOWIAK, B. JEŻOWSKA-TRZEBIATOWSKA**,
Observation of Antiresonances in Fluorescence Spectra of Cr³⁺ and Nd³⁺ Doped Glasses.
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50. **C. SUŁKOWSKI, K. ROGACKI**, A.Kołodziejczyk, **G. KOZŁOWSKI**, J.Chmist,
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[Properties of BYP 401 Silicon Diodes in Magnetic Fields at Low Temperatures.]
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of Microsphere Insulation.
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62. E. BOROŃSKI,

Calculation of Annihilation Characteristics for a Positron in Divacancies and Greater Vacancy Clusters in Metals.

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65. E.Kalecińska, J. KALECIŃSKI, B. JEŻOWSKA-TRZEBIATOWSKA,

The Efficiency of Mobile Electron Scavenging by Some Complex Compounds in Glassy Water–Alcohol Matrices.

In: *Radiation Chemistry*. 5. ed. by *.* *** & R.Schiller (Budapest: Akadémiai Kiadó 1983) pp. 355–65.
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66. J. KALECIŃSKI,

The Radiation Chemistry of Polychromates, Polymolybdates and Polytungstates in Water–Formic Acid System.

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67. H. STACHOWIAK,

Screening of a Positive Particle Moving through the Electron Gas.

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LIST OF CONFERENCE PRESENTATIONS

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Calculation of Annihilation Characteristics for a Positron in Divacancies and Greater Vacancy Clusters in Metals.
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3. **H. DRULIS, W. PETRYŃSKI, B. STALIŃSKI,**
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4. **M. DRULIS, J. OPYRCHAŁ, Z. BORKOWSKA,**
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5. S.Foner, S.Pourrahimi, C.L.H.Thieme, J.Otubo, H.Zhang, T.P.Orlando, A.Zieba, **A.J. ZALESKI**, S.Sekine, E.J.McNiff Jr, B.B.Schwartz, W.K.McDonald, R.Roberge, H.Le Huy,
Improved Performance Powder Metallurgy and *in-situ* Processed Multifilamentary Superconductors. (C)
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6. **E. GAŁDECKA,**
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XXVI Konwers. Krystalograficzne [26th Polish Crystallographic Meeting] WROCŁAW, PL, 1983.06 27–28
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On Some AES Observation during Sulphur Adsorption on the Ni(001) and Cu(001) Surfaces. (C)
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8. **A. GROHMAN,**
Applications of Plastics in Cryogenics. (C)
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9. **T. HAŁACZEK, J. RAFALOWICZ,**
Thermal Conductivity of Self-pumping Superinsulation. (C)
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10. **J. HANUZA,**
RAMAN Scattering and Infrared Spectra of Tungstates KLn(WO₄)₂ Family ($Ln = La-Lu$). (C)
16th Eur.Congr.of Molecular Spectroscopy (EUCMOS-16) SOFIA, BG, 1983.09 12–16
11. **M. KAZIMIERSKI, B. MAKIEJ, S. TROJANOWSKI, J. WNUK,**
Automatic System of Statistic Measurements of Current–Voltage Characteristics of Superconducting Tunnel Junctions. (C)
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12. G. KOZŁOWSKI, E. TROJNAR,
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