

**SPIS PUBLIKACJI NAUKOWYCH  
PRACOWNIKÓW  
INSTYTUTU FIZYKI MOLEKULARNEJ PAN  
W POZNANIU**

**2017**

# WYKAZ PRAC OPUBLIKOWANYCH W 2017 ROKU

## 1/ WYKAZ MONOGRAFII NAUKOWYCH ORAZ ROZDZIAŁÓW W MONOGRAFIACH NAUKOWYCH

### 1.1. AUTORSTWO ROZDZIAŁU W MONOGRAFII NAUKOWEJ

Wydawca	Springer International Publishing AG, A. Hamrol et al. (eds.) Lecture Notes in Mechanical Engineering
Tytuł monografii	Lecture Notes in Mechanical Engineering
ISBN	978-3319686189
Redaktorzy	A. Hamrol, O. Ciszak, S. Legutko, M. Jurczyk
Rok wydania	2017
Objętość monografii	965 stron
Tytuł rozdziału	<i>Influence of Preparation Conditions on Final Dielectric Properties of Pure and Ca-Doped BaTiO<sub>3</sub> Ceramics</i>
Autorzy rozdziału	Izabela Szafraniak-Wiza, Anna Włodarkiewicz, Ewa Markiewicz, Bożena Hilczer, Kamil Feliksik, Lucjan Kozielski
Objętość rozdziału	10 stron
Język rozdziału	angielski

Wydawca	Uniwersytet Medyczny im. Karola Marcinkowskiego w Poznaniu
Tytuł monografii	Biofizyka a medycyna. Kolagen
ISBN	978-83-7597-311-2
Redaktorzy	Leszek Kubisz
Rok wydania	2017
Objętość monografii	158 stron
Tytuł rozdziału	<i>Struktura molekularna i stabilność termiczna kolagenu otrzymanego ze skór rybich: badania metodą spektroskopii ramanowskiej w bliskiej podczerwieni</i>
Autorzy rozdziału	M. Połomska, L. Kubisz, J. Wolak, D. Hojan-jeziarska, M. Gauza-Włodarczyk
Objętość rozdziału	10 stron (119-128)
Język rozdziału	polski

### 1.2 REDAKTOR NACZELNY CZASOPISMA

Imię i nazwisko (editors)	Krzysztof W. Wojciechowski (wraz z drem Maciejem Stroińskim i prof. drem hab. Janem Węglarzem)
Tytuł czasopisma	Computational Methods in Science and Technology (CMST)
ISSN	1505-0602
e-ISSN	2353-9453
Wydawca	OWN, Poznan Supercomputing and Networking Center

### 1.3 WŁASNE WYDAWNICTWA W ROKU SPRAWOZDAWCZYM

<i>Tytuł</i>	<b>Acta Physica Polonica A: Proceedings of the IV Forum EMR-PL, June 27-29, 2016, Poznań, Poland Volume 132 – Number 1, Warszawa, Julu 2017</b>
<i>Język</i>	<b>angielski</b>
<i>Recenzowana o zasięgu międzynarodowym</i>	<b>Tak</b>
<i>Indeksowana przez ISI</i>	
<i>Nakład (liczba egzemplarzy)</i>	<b>50</b>
<i>Liczba stron</i>	<b>85</b>
<i>ISSN</i>	<b>0587-4246</b>
<i>Wydawca:</i>	Institute of Physics, Polish Academy of Science, Warszawa

<i>Tytuł</i>	<b>The European Conference PHYSICS OF MAGNETISM 2017. ABSTRACTS (ed. R. Micnas, B. Idzikowski, P. Leśniak, A. Szajek)</b>
<i>Redaktor(zy)</i>	
<i>Język</i>	<b>angielski</b>
<i>Recenzowana o zasięgu międzynarodowym</i>	<b>tak</b>
<i>Indeksowana przez ISI</i>	nie
<i>Nakład (liczba egzemplarzy)</i>	500
<i>Ilość stron</i>	264
<i>ISBN</i>	<b>ISBN 978-83-933663-4-7</b>
<i>Wydawca:</i>	<b>Institute of Molecular Physics, Polish Academy of Science, Faculty of Physics, Adam Mickiewicz University</b>

Editors: Andreas Guskos, Jarosław Rybicki and Krzysztof W. Wojciechowski

PUBLISHER:

<i>Tytuł</i>	Abstract Book of Joint Interdisciplinary Conferences: The 5 th International Interdisciplinary Symposium on Art, Science and Technology – MEDEA 2017, The 2 nd International Symposium on Legal Implications of Cyber Society – ISLICS 2017, The 2 nd International Symposium on Physics, Technology and Art –PTA 2017, The 1 st International Symposium on Information Tools in Management – ITM 2017, Heraklion, Crete, 1–8 September 2017.
<i>Język</i>	angielski
<i>Recenzowana o zasięgu międzynarodowym</i>	nie
<i>Indeksowana przez ISI</i>	nie
<i>Nakład (liczba egzemplarzy)</i>	120
<i>Ilość stron</i>	55
<i>ISBN</i>	ISBN 978-83-947070-4-0

Editors: J. W. Narojczyk, N. Guskos, and K. W. Wojciechowski

PUBLISHER: Auxetics.eu and Scientific Publishers OWN

<i>Tytuł</i>	Abstract Book of the 8th International Conference Auxetics and other materials and models with "negative" characteristics and the 13th International Workshop Auxetics and related systems, Heraklion, Crete, Greece, 11–15 September 2017
<i>Język</i>	angielski
<i>Recenzowana o zasięgu międzynarodowym</i>	nie
<i>Indeksowana przez ISI</i>	nie
<i>Nakład (liczba egzemplarzy)</i>	100
<i>Ilość stron</i>	63
<i>ISBN</i>	ISBN 978-83-7712-172-6

## **2. WYKAZY PUBLIKACJI W CZASOPISMACH NAUKOWYCH**

### **PUBLIKACJE W CZASOPISMACH POSIADAJĄCYCH WSPÓLCZYNNIK IMPACT FACTOR (IF), ZNAJDUJĄCYCH SIĘ W BAZIE JCR I WYMIENIONYCH CZĘŚCI A WYKAZU MNISW,**

1. Dyrdal, A. and **Barnas, Józef**  
*Anomalous, spin, and valley Hall effects in graphene deposited on ferromagnetic substrates*  
DOI: [10.1088/2053-1583/aa7bac](https://doi.org/10.1088/2053-1583/aa7bac), Rok: 2017  
2D MATERIALS, **4**, 3, 034003
2. Nandam, Sree Harsha and Ivanisenko, Yulia and Schwaiger, Ruth and **Śniadecki, Zbigniew** and Mu, Xiaoke and Wang, Di and Chellali, Reda and Boll, Torben and Kilmametov, Askar and Bergfeldt, Thomas and Gleiter, Herbert and Hahn, Horst  
*Cu-Zr nanoglasses: Atomic structure, thermal stability and indentation properties*  
DOI: [10.1016/j.actamat.2017.07.001](https://doi.org/10.1016/j.actamat.2017.07.001), Rok: 2017  
ACTA MATERIALIA, **136**, 181-189
3. **Śniadecki, Zbigniew** and Marcin, J. and **Idzikowski, Bogdan**  
*Critical Behavior near the Ferromagnetic to Paramagnetic Phase Transition in Y8Co62B30 Amorphous Alloy*  
DOI: [10.12693/APhysPolA.131.967](https://doi.org/10.12693/APhysPolA.131.967), Rok: 2017  
ACTA PHYSICA POLONICA A, **131**, 4, 2, 967-969
4. **Dawczak-Debicki, Hubert** and **Marczynska, Agnieszka** and **Rogowska, Aleksandra** and **Wachowiak, Mateusz** and Nowicki, M. and **Pacanowski, Sebastian** and **Jablonski, Beniamin** and **Kowalski, Wojciech** and **Grembowski, Jan** and Czajka, R. and **Smardz, Lesław**  
*Natural Oxidation of thin Fe Films on V Buffer Layer*  
DOI: [10.12693/APhysPolA.132.1272](https://doi.org/10.12693/APhysPolA.132.1272), Rok: 2017  
ACTA PHYSICA POLONICA A, **132**, 4, 1272-1276
5. **Musiał, Andrzej** and **Śniadecki, Zbigniew** and **Idzikowski, Bogdan**  
*Development of Magnetic Properties during Annealing of Hf2Co11B Amorphous Alloy*  
DOI: [10.12693/APhysPolA.131.786](https://doi.org/10.12693/APhysPolA.131.786), Rok: 2017  
ACTA PHYSICA POLONICA A, **131**, 4, 1, 786-788
6. **Tadyszaka, Krzysztof** and Rudowicz, C.  
*EMR Data on Mn(III; S=2) Ions in MnTPPCl Complex Modelled by Microscopic Spin Hamiltonian Approach*  
DOI: [10.12693/APhysPolA.132.15](https://doi.org/10.12693/APhysPolA.132.15), Rok: 2017  
ACTA PHYSICA POLONICA A, **132**, 1, 15-18
7. Decyk, P. and **Więckowski, Andrzej B.** and Najder-Kozdrowska, L. and Bilkova, I. and Ziolk, M.  
*EPR Study of Dealuminated HY Zeolite and Silica Containing Cu-Mn-Zn Spinels: The Effect of Support*  
DOI: [10.12693/APhysPolA.132.38](https://doi.org/10.12693/APhysPolA.132.38), Rok: 2017  
ACTA PHYSICA POLONICA A, **132**, 1, 38-43
8. Kempniński, M. and **Los, Szymon** and Florczak, P. and **Kempniński, Wojciech** and Jurga, S.  
*EPR and Impedance Measurements of Graphene Oxide and Reduced Graphene Oxide*  
DOI: [10.12693/APhysPolA.132.81](https://doi.org/10.12693/APhysPolA.132.81), Rok: 2017  
ACTA PHYSICA POLONICA A, **132**, 1, 81-85

9. **Krompiewski, Stefan** and Cuniberti, G.  
*In-Plane Edge Magnetism in Graphene-Like Nanoribbons*  
DOI: [10.12693/APhysPolA.131.828](https://doi.org/10.12693/APhysPolA.131.828), Rok: 2017  
ACTA PHYSICA POLONICA A, **131**, 4, 1, 828-829
  
10. Gdovinova, V. and Tomasovicova, N. and Zavisova, V. and Eber, N. and Toth-Katona, T. and Royer, F. and Jamon, D. and **Jadzyn, Jan** and Kopcansky, P.  
*Low Magnetic Field Response in Ferronematics*  
DOI: [10.12693/APhysPolA.131.934](https://doi.org/10.12693/APhysPolA.131.934), Rok: 2017  
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11. **Zwierzycycki, Maciej** and Ryndyk, D.  
*Magnetic Properties of Hexagonal Graphene Nanomeshes*  
DOI: [10.12693/APhysPolA.131.830](https://doi.org/10.12693/APhysPolA.131.830), Rok: 2017  
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DOI: [10.12693/APhysPolA.131.1000](https://doi.org/10.12693/APhysPolA.131.1000), Rok: 2017  
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13. **Waplak, Stefan** and **Ostrowski, Adam** and **Wencka, Magdalena** and **Bednarski, Waldemar**  
*Microwave X-Band Resonances in Doped Cd<sub>2</sub>Nb<sub>2</sub>O<sub>7</sub> Monocrystals*  
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ACTA PHYSICA POLONICA A, **132**, 1, 7-10
  
14. **Synoradzki, Karol**  
*Spin-Glass Behavior in LaCu<sub>4</sub>Mn Compound*  
DOI: [10.12693/APhysPolA.131.1024](https://doi.org/10.12693/APhysPolA.131.1024), Rok: 2017  
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15. Majorosova, J. and Gdovinova, V. and Tomasovicova, N. and Jurikova, A. and Zavisova, V. and **Jadzyn, Jan** and Kopcansky, P.  
*The Influence of Magnetic Particles on the Nematic Droplets Formation in Liquid Crystal*  
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16. **Marcin Krupski** and **Aldona Krupska**,  
*Device for Compressibility and Thermal Expansion Study up to 3 GPa*  
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18. **Toliński, Tomasz** and **Synoradzki, Karol** and Bajorek, A. and Chelkowska, G. and Koterlyn, M. and Koterlyn, G. and Yasnitskii, R.  
*Influence of chemical composition on the X-ray photoemission, thermopower, specific heat, and magnetic properties of CeNi<sub>2</sub>(Si<sub>1-y</sub>Gey)<sub>2</sub>*  
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APPLIED PHYSICS A-MATERIALS SCIENCE \& PROCESSING, **123**, 6, 408

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DOI: [10.1063/1.4974938](https://doi.org/10.1063/1.4974938), Rok: 2017  
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DOI: [10.1063/1.5002004](https://doi.org/10.1063/1.5002004), Rok: 2017  
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BEILSTEIN JOURNAL OF NANOTECHNOLOGY, **8**, 2515-2520
23. **Strzelczyk, Roman** and Giusca, Cristina E. and Perrozzi, Francesco and Fioravanti, Giulia and Ottaviano, Luca and Kazakova, Olga  
*Role of substrate on interaction of water molecules with graphene oxide and reduced graphene oxide*  
DOI: [10.1016/j.carbon.2017.06.035](https://doi.org/10.1016/j.carbon.2017.06.035), Rok: 2017  
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24. **Kaszyńska, Joanna** and **Rachocki, Adam** and **Bielejewski, Michał** and **Tritt-Goc, Jadwiga**  
*Influence of cellulose gel matrix on BMIMCl ionic liquid dynamics and conductivity*  
DOI: [10.1007/s10570-017-1223-z](https://doi.org/10.1007/s10570-017-1223-z), Rok: 2017  
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*Proton conductivity of imidazole entrapped in microporous molecular sieves*  
DOI: [10.1039/c7cc00690j](https://doi.org/10.1039/c7cc00690j), Rok: 2017  
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*Comprehensive spectral identification of key intermediates to the final product of the chiral pool synthesis of radezolid*  
DOI: [10.1186/s13065-017-0309-x](https://doi.org/10.1186/s13065-017-0309-x), Rok: 2017  
CHEMISTRY CENTRAL JOURNAL, **11**, 82
27. **Pugaczowa-Michalska, Maria** and **Kaczkowski, Jakub**  
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DOI: [10.1016/j.commatsci.2016.10.014](https://doi.org/10.1016/j.commatsci.2016.10.014), Rok: 2017  
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32. U. Prah, **Magdalena Wencka**, Z. Kutnjak, Ma. Vrabelj, S. Drnovsek, B. Malic, H. Ursic  
*Multicaloric effect in polycrystalline Pb(Fe<sub>0.5</sub>Nb<sub>0.5</sub>)O<sub>3</sub>*  
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*Ferroelectricity in bis(ethylammonium) pentachlorobismuthate(III): synthesis, structure, polar and spectroscopic properties*  
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 DOI: [10.3390/ijms18020329](https://doi.org/10.3390/ijms18020329), Rok: 2017  
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 INTERNATIONAL JOURNAL OF MOLECULAR MEDICINE, **40**, 2, 329-336



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 JOURNAL OF ALLOYS AND COMPOUNDS, **726**, 737-750
37. **Pierunek, Natalia** and **Śniadecki, Zbigniew** and **Werwiński, Mirosław** and **Wasilewski, Bartosz** and Franco, Victorino and **Idzikowski, Bogdan**  
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 DOI: [10.1063/1.4989543](https://doi.org/10.1063/1.4989543), Rok: 2017  
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