

## СПИСЪК

**на гл. ас. д-р Станислав Славчев Славов,**

с публикациите, учебните помагала, приетите патенти, подадените заявки за патенти представени за участие в обявения конкурс за заемане на академична длъжност „доцент“ в област на висшето образование 4. „Природни науки, математика и информатика“, професионално направление 4.5 Математика, научна специалност „Математическо моделиране и приложение на математиката (математически анализ на структура на кондензираната материя с френски език)“  
(ДВ, брой 67 от 13.08.2021)

Публикации за участие в конкурса за доцент	17	Представени публикации по теми, според списъка с основните научни приноси	
Статии в списания с импакт фактор	8	<b>I.1</b> Синтез, структура и микроструктура на нови материали.  <b>I.2.</b> Диелектрични характеристики на керамики, стъкло-керамики и стъкла.  <b>I.3.</b> Математическо моделиране и алгоритми за параметрична оценка.	7  8  2
Статии в издания, реферирани и индексирани в световноизвестни база данни с научна информация без импакт фактор	9		
Научни публикации в научни издания с рецензенти или в редактирани колективни томове (глава от книга)	1		
Автореферат	1		
Учебни помагала	1		
Публикации по дисертационния труд за образователна и научна степен “доктор”	3		
Патенти	1		
Подадени заявки за патенти	3		
Участия в научни форуми (конференции)	36		

**I.** Списък на хабилитационен труд, под формата на научни публикации (не по-малко от 10) в издания, които са реферирани и индексирани в световноизвестни база данни с научна информация:

- I.1.** R Raykov, A Staneva, Y Dimitriev, S Slavov, S Soreto Teixeira, PR Prezas, L. Costa, Dielectric relaxation in glass and glass-ceramic materials of the system  $\text{La}_2\text{O}_3\text{-Gd}_2\text{O}_3\text{-PbO-MnO-B}_2\text{O}_3$ , *International Journal of Applied Glass Science* 10 (1), 75-82, 2019 (**IF 2,02 - 2019**)  
<https://doi.org/10.1111/ijag.12553>
- I.2.** AS Afify, SS Slavov, AER Mahmoud, M Hassan, M Ataalla, A Staneva, Amr Mohamed, Determination of the Sensing Characteristics of  $\text{SiO}_2\text{-Bi}_2\text{O}_3\text{-TiO}_2$  System towards Relative Humidity, *Journal of Chemical Technology and Metallurgy* 53 (6), 1073-1080, 2018
- I.3.** S Slavov, Z Jiao, GLASS-CRYSTALL MATERIALS CONTAINING  $\text{Bi}_{12}\text{TiO}_{20}$  AND  $\text{Bi}_4\text{Ti}_3\text{O}_{12}$  PHASES OBTAINED FROM FREELYCOOLED MELTS OF  $\text{Bi}_2\text{O}_3\text{-TiO}_2\text{-SiO}_2\text{-Nd}_2\text{O}_3$  SYSTEM, *Journal of Chemical Technology & Metallurgy* 53 (4), 759-764, 2018
- I.4.** S Slavov, Z Jiao,  $\text{Bi}_{12}\text{TiO}_{20}$  crystallization in a  $\text{Bi}_2\text{O}_3\text{-TiO}_2\text{-SiO}_2\text{-Nd}_2\text{O}_3$  system, *Journal of Physics: Conference Series* (**IF 0,54 - 2018**) 992 (1), 012040, 2018

- I.5.** Sv Ganev, S Parvanov, S Slavov, A Bachvarova-Nedelcheva, R Iordanova, Y Dimitriev, Influence of TiO<sub>2</sub> on the thermal stability and crystallization of glasses within TeO<sub>2</sub>–Bi<sub>2</sub>O<sub>3</sub>–Nb<sub>2</sub>O<sub>5</sub>–ZnO system, *Bul. Chem. Comm.*, 49, (**IF 0.36 - 2017**) (2017) 103-109
- I.6.** R Raykov, A Staneva, Y Dimitriev, E Kashchieva, S Slavov, B Blagoev, Glass and glass-ceramics in the La<sub>2</sub>O<sub>3</sub>–Gd<sub>2</sub>O<sub>3</sub>–PbO–MnO–B<sub>2</sub>O<sub>3</sub> system, *Physics and Chemistry of Glasses-European Journal of Glass Science and Technology Part B*, 56, 4, (**IF 0,82 - 2015**) (2015) 145-148
- I.7.** S. Slavov, E. Kashchieva, S. Parvanov, Y. Dimitriev, “The effect of Nd substitution of the glass forming ability and thermal properties in the system Bi<sub>2</sub>O<sub>3</sub>-TiO<sub>2</sub>-SiO<sub>2</sub>”, *Journal of Chemical Technology & Metallurgy*, 50, 4, (2015) 435-440
- I.8.** Anna Staneva, Boris Martinov, Stanislav Slavov, Daniela Karashanova, Janna Mateeva, BMG Melo, Luis C Costa, DIELECTRIC PROPERTIES OF NEW COMPOSITES BASED ON GRAPHENE OXIDE AND NANO-SIZED ZnO, *Journal of Chemical Technology & Metallurgy*, 56 (1), 54-66, 2021
- I.9.** P.V. Angelov, S.S. Slavov, Sv. R. Ganev, Y.B. Dimitriev, J.G. Katarov, Direct ultrasonic synthesis of classical high temperature ceramic phases at ambient conditions by innovative method, *Bul. Chem. Comm.*, 45, (**IF 0.30 - 2013**), Special issue A (146 – 152) 2013
- I.10.** Stanislav S. Slavov, Milena Z. Krapchanska, Elena P. Kashchieva, Yanko B. Dimitriev, “Electrical characteristics of bismuth titanate ceramics containing SiO<sub>2</sub> and Nd<sub>2</sub>O<sub>3</sub>”, *Processing and Application of Ceramics* 4 [1] (2010) 39–43

**II.** Списък на научни публикации в издания, които са реферирани и индексирани в световноизвестни бази данни с научна информация:

- II.1.** SS Slavov, S Soreto Teixeira, MPF Graça, LC Costa, V Popova, Y. Dimitriev, Bi<sub>2</sub>O<sub>3</sub>–TiO<sub>2</sub>–Nd<sub>2</sub>O<sub>3</sub> lead-free material for microwave device applications, *International Journal of Applied Glass Science* 10 (2), 202-207, 2018, (**IF 2.02 - 2018**) <https://doi.org/10.1111/ijag.12976>
- II.2.** S. Slavov, Y. Dimitriev, GLASS FORMATION IN THE SYSTEM Bi<sub>2</sub>O<sub>3</sub>-TiO<sub>2</sub>-SiO<sub>2</sub>, *Journal of Chemical Technology & Metallurgy*, 51, 5, (2016) 536-546
- II.3.** Stanislav S. Slavov, Elena P. Kashchieva, Svetlin B. Parvanov, Yanko B. Dimitriev „Synthesis of doped bismuth titanate ceramics with Nd<sub>2</sub>O<sub>3</sub> and SiO<sub>2</sub> and their electrical properties“ *Journal of Chemical Technology and Metallurgy*, 2, 48, (2013) 174-178
- II.4.** S Slavov, T Tsvetkov, PICARD-LINDELOF ITERATIONS AND MULTIPLE SHOOTING METHOD FOR PARAMETER ESTIMATION, *International Journal of Applied Mathematics* 33 (5), 919-928, 2020
- II.5.** Matej BABIČ, Gyula VARGA, Daniel GHICULESCU, Michal JAKUBOWICZ, Stanislav SLAVOV, George SERITAN, Dragan MARINKOVIĆ, A NOVEL APPROACH FOR PATTERN RECOGNITION BY USING GRAPH THEORY AND ITS APPLICATION IN MECHANICAL ENGINEERING, *ACADEMIC JOURNAL OF MANUFACTURING ENGINEERING*, 19, 3, 2021, 5 – 10, ISSN 1583-7904
- II.6.** W. Wisniewski, S. Slavov, Ch. Rüssel, Y. Dimitriev, Phase Formation, Crystal Orientations and Epitaxy in Bi<sub>2</sub>O<sub>3</sub>/TiO<sub>2</sub>/SiO<sub>2</sub> (/Nd<sub>2</sub>O<sub>3</sub>) Glass-Ceramics, *CrystEngComm* (**IF 3,38 - 2017**) 19, 20 (2017) 2775-2785, <https://doi.org/10.1039/C7CE00542C>

**III.** Списък на научни публикации в научни издания с рецензенти или в редактирани колективни томове (глава от книга):

- III.1.** S Slavov, Z Jiao, Bismuth-Titanate Bi<sub>2</sub>Ti<sub>2</sub>O<sub>7</sub> Crystallization in the Bi<sub>2</sub>O<sub>3</sub>/TiO<sub>2</sub>/SiO<sub>2</sub>/Nd<sub>2</sub>O<sub>3</sub> System, *Advanced Nanotechnologies for Detection and Defence against CBRN Agents*, 367-372, 2018

**IV.** Списък на научни публикации, представени за придобиване на образователна и научна степен „доктор“

- IV.1.** Elena P. Kashchieva, Milena Z. Krapchanska, Stanislav S. Slavov, Yanko B. Dimitriev, “Effect of synthesis route on the microstructure of SiO<sub>2</sub> doped bismuth titanate ceramics”, *Processing and Application of Ceramics* 3 [4] (2009), 171-175
- IV.2.** Stanislav S. Slavov, Elena P. Kashchieva, Svetlin B. Parvanov, Yanko B. Dimitriev, „Conductivity, dielectric losses and dielectric permittivity depending on the temperature of bismuth titanate ceramics and glass-ceramics, containing SiO<sub>2</sub> and Nd<sub>2</sub>O<sub>3</sub> as additives“, *Processing and Application of Ceramics*. 6 [3] (2012), 117-122
- IV.3.** Stanislav S. Slavov, Milena Z. Krapchanska, Elena P. Kashchieva, Svetlin B. Parvanov, Yanko B. Dimitriev, „Electrical characteristics of bismuth titanate ceramics and glass-ceramics, containing SiO<sub>2</sub> and Nd<sub>2</sub>O<sub>3</sub> as additives“, *Key Engineering Materials* Vol. 538 (2013) pp 233-237.

**V.** Автореферат на дисертационен труд

- V.1.** Структура и свойства на бисмут-титанантни стъклокерамични материали, 2014.

**VI.** Учебни помагала

- VI.1.** Владислава Христова Иванова и Станислав Славчев Славов, Упражнения по Физика II част, e-book..www.uctm.edu, 58 стр., ISBN 978-954-465-129-9

**VII.** Списък с одобрени патенти

- VII.1.** L. Lakov, S. Slavov, K. Toncheva, Y. Dimitriev, “Ceramic battery”, Patent № BG67056 B1/01.06.2020.

**VIII.** Списък с подадени заявки за патенти:

- VIII.1.** Petar Nikolov Georgiev, Venetka Stoyanova Popova, Stanislav Slavchev Slavov, Andrei Ivanov Dechev, „Composition of electrically conductive composite ceramic material and method for its preparation”, RO1358 /25.05.2020 ; U/00020/26.05/2020

IX. Участие в научни форуми (конференции). Подчертаните са включени в дисертационния труд:

1. A. Atanasova, S. Slavov, L. Luylev, I. Yovchev, A. Zheliazkov, V. Stoiankov, "A computer program solving numerically the Kroning-Penney model", V-th POSTER SESSION FOR SCIENTIFIC students and young scientists, 17 May 2008, Sofia, Bulgaria
2. 2-nd Training School of the COST539 Action: "Electroceramics from nanopowders Processed by Inovative Methods (ELENA)" on "Advanced Functional Characterization Techniques of Nanostructured Materials", 23 February 2009, Madrid, Spain
3. E. Kashchieva, M. Krapchanska, S. Slavov, Y. Dimitriev, „Effect of Synthesis Route on the Microstructure of SiO<sub>2</sub> Doped Bismuth Titanate Ceramics“, 6-nd Workshop of the COST539 Action: "Electroceramics from nanopowders Processed by Inovative Methods (ELENA)" on "Advanced Functional Characterization Techniques of Nanostructured Materials", 24 - 25 February 2009, Madrid, Spain
4. Grigor V. Spiridonov, Stanislav S. Slavov, Elena P. Kashchieva, Yanko B. Dimitriev, "Microstructure and dielectric properties of glass crystalline materials containing Bi<sub>2</sub>O<sub>3</sub>, TiO<sub>2</sub>, SiO<sub>2</sub> and Nd<sub>2</sub>O<sub>3</sub>", VII-та POSTER SESSION FOR SCIENTIFIC students and young scientists, 19 май 2010, София, България
5. Stanislav Slavov, Elena Kashchieva, Yanko Dimitriev, "Bismuth titanate ceramics containing SiO<sub>2</sub> and Nd<sub>2</sub>O<sub>3</sub> for sensors", NANOTECHNOLOGICAL BASIS OF ADVANCED SENSORS, 30 May-11 June 2010, Sozopol, Bulgaria
6. S. Slavov, E. Kashchieva, Y. Dimitriev, "Bismuth titanate ceramics containing SiO<sub>2</sub> and Nd<sub>2</sub>O<sub>3</sub>", 16th INTERNATIONAL SCHOOL ON CONDENSED MATTER PHYSICS, August 29th – September 3rd, 2010, Varna, Bulgaria
7. Stanislav S. Slavov, Elena P. Kashchieva, Svetlin B. Parvanov, Yanko B. Dimitriev, "Temperature dependence of dielectric characteristics of doped bismuth titanate ceramics", Seventh National Conference on Chemistry, international Conference on Green Technologies and Environmental Protection, 26 - 29 May 2011, Sofia, Bulgaria
8. Hristo S. Dulguerov, Stanislav S. Slavov, Elena P. Kashchieva, Svetlin B. Parvanov, Yanko B. Dimitriev, "Influence of the magnetic field on the dielectric properties of bismuth titanate ceramics with additives", VIII-th POSTER SESSION FOR SCIENTIFIC students and young scientists, 18 May 2011, Sofia, Bulgaria
9. Stanislav S. Slavov, Elena P. Kashchieva, Svetlin B. Parvanov, Yanko B. Dimitriev, "Electrical characteristics of doped bismuth titanate ceramics", 17th International Summer School on Vacuum, Electron and Ion Technologies, 19 - 23 September 2011, Sunny Beach, Bulgaria
10. Stanislav S. Slavov, Elena P. Kashchieva, Svetlin B. Parvanov, Yanko B. Dimitriev, "Synthesis of doped bismuth titanate ceramics with Nd<sub>2</sub>O<sub>3</sub> and SiO<sub>2</sub> and their electrical properties", THE FIFTH BALKAN CONFERENCE ON GLASS SCIENCE & TECHNOLOGY, THE 17th CONFERENCE ON GLASS AND CERAMICS, 25.09 – 29.09 2011, Nesebar, BULGARIA
11. Stanislav S. Slavov, Elena P. Kashchieva, Svetlin B. Parvanov, Yanko B. Dimitriev „Conductivity, dielectric losses and dielectric permittivity depending on the temperature of bismuth titanate ceramics and glass-ceramics, containing SiO<sub>2</sub> and Nd<sub>2</sub>O<sub>3</sub> as additives“, Conference for Young Scientists "The Ninth Students' Meeting, SM-2011", November 16-18, 2011, Novi Sad, Serbia
12. Svetlozar Ganey, Stanislav S. Slavov, Milena Krapchanska, Elena P. Kashchieva, Svetlin B. Parvanov, Yanko B. Dimitriev, "Synthesis and electrical properties of bismuth titanate glass-ceramics containing SiO<sub>2</sub> and Nd<sub>2</sub>O<sub>3</sub> as additives", "IX-th POSTER SESSION FOR SCIENTIFIC students and young scientists", 18 May 2012, Sofia, Bulgaria
13. Stanislav S. Slavov, Elena P. Kashchieva, Svetlin B. Parvanov, Yanko B. Dimitriev, "Microstructure, electrical properties and application of bismuth titanate ceramics and glass-ceramics for low-energy electronic devices", Inovation Week Program, R.E.S. Laboratory of T.E.I of Patras, 1 – 11 July 2012, Patra, Greece
14. Stanislav S. Slavov, Milena Z. Krapchanska, Elena P. Kashchieva, Svetlin B. Parvanov, Yanko B. Dimitriev, "Electrical characteristics of bismuth titanate ceramics and glass-ceramics containing

SiO<sub>2</sub> and Nd<sub>2</sub>O<sub>3</sub> as additives”, 2nd International Conference on Optical, Electronic and Electrical Materials - OEEM2012, 5-7 August 2012, Shanghai, China

15. P. Angelov, St. Slavov, Sv. Ganev, Y. Dimitriev and J. Katarov, “Direct Ultrasonic Synthesis of Classical High Temperature Ceramic Phases at Ambient Conditions by Innovative Method”, Electrochemical Days 2012, Conference SED2012, 10–13 December, 2012, IIES, BAS, Sofia, Bulgaria
16. Svetlozar R. Ganev, Stanislav S. Slavov, Elena P. Kashchieva, Svetlin B. Parvanov, Yanko B. Dimitriev, Nadejda Krusteva, Effect of ultrasound treatment on the phase formation in the system Bi<sub>2</sub>O<sub>3</sub>-TiO<sub>2</sub>-SiO<sub>2</sub>-Nd<sub>2</sub>O<sub>3</sub>, X-th POSTER SESSION FOR SCIENTIFIC students and young scientists”, 17 May 2012, Sofia, Bulgaria
17. Stanislav S. Slavov, Elena P. Kashchieva, Svetlin B. Parvanov, Yanko B. Dimitriev, Glass formation in the system Bi<sub>2</sub>O<sub>3</sub>-TiO<sub>2</sub>-SiO<sub>2</sub>, Anniversary Scientific Conference with International Participation, 4-5 June 2013, Sofia
18. Stanislav Slavov, Svetlin Parvanov, Elena Kashchieva, Yanko Dimitriev, “Lead-Free composition in the system Bi<sub>2</sub>O<sub>3</sub>.TiO<sub>2</sub>.Nd<sub>2</sub>O<sub>3</sub>.SiO<sub>2</sub> for advanced ferroelectric applications”, NATO Advanced Study Institute Nanoscience Advances in CBRN Agents Detection, Information and Energy Security, 29 May - 06 June 2014, Sozopol, Bulgaria
19. S. Slavov, E. Kashchieva, S. Parvanov, Y. Dimitriev, “The effect of Nd substitution of hte glass forming ability and thermal properties in the system Bi<sub>2</sub>O<sub>3</sub>.TiO<sub>2</sub>.SiO<sub>2</sub>”, Sixth Balkan Conference on Glass Science and Technology, 18th conference on Glass and Ceramics, 01 - 04 October 2014, Nesebar, Bulgaria
20. Stanislav Slavov, Svetlin Parvanov, Yanko Dimitriev, “THE EFFECT OF A FERROELECTRIC AND PARAELECTRIC BISMUTH-TITANATE AND BISMUTH-SILICATE PHASES ON THE ELECTRICAL PROPERTIES OF BULK SAMPLES FROM THE SYSTEM Bi<sub>2</sub>O<sub>3</sub>-TiO<sub>2</sub>-SiO<sub>2</sub>”, International Conference on Oxide and Non-Oxide Materials for Optoelectronics and Energy Applications, 01 – 04 December 2015, Borovetz, BULGARIA
21. Nikolov J., Domuschieva K. , Slavov S. S., Costa, L.C, Dimitriev Y. B., Low temperature dielectric properties of glasses and glass-ceramics in the system Bi<sub>2</sub>O<sub>3</sub>-TiO<sub>2</sub>-SiO<sub>2</sub>-Nd<sub>2</sub>O<sub>3</sub> ,XIII-th POSTER SESSION FOR students and young scientists”, 20 May 2016, Sofia, Bulgaria
22. Ralitca Ilieva, Maria Noncheva, Stanislav Slavov, Yanko Dimitriev, The effect of a bismuth-titanate and bismuth-silicate phases on the electrical properties of the samples in the system Bi<sub>2</sub>O<sub>3</sub>-TiO<sub>2</sub>-SiO<sub>2</sub>, XIII-th POSTER SESSION FOR students and young scientists”, 20 May 2016, Sofia, Bulgaria
23. Stanislav Slavov, Zheng Jiao, Bismuth-titanate pyrochlore Self ordered crystallization in Bi<sub>2</sub>O<sub>3</sub>-TiO<sub>2</sub>-SiO<sub>2</sub>-Nd<sub>2</sub>O<sub>3</sub> system, International Conference on Oxide and Non-oxide Materials for Optoelectronics and Energy Applications (ICONMO 4) 16 – 19 March 2017, Borovetz, BULGARIA
24. Stanislav Slavov, Zheng Jiao, Glass-crystal materials with participation of Bi<sub>12</sub>TiO<sub>20</sub> and Bi<sub>4</sub>Ti<sub>3</sub>O<sub>12</sub> phases, obtained by free cooled melts in Bi<sub>2</sub>O<sub>3</sub>-TiO<sub>2</sub>-SiO<sub>2</sub>-Nd<sub>2</sub>O<sub>3</sub> system, PHYSICS OF MAGNETISM 2017 (PM'17), 26 – 30 June, 2017
25. Stanislav S. Slavov, Zheng Jiao, Bismuth-titanate Bi<sub>2</sub>Ti<sub>2</sub>O<sub>7</sub> crystallization in Bi<sub>2</sub>O<sub>3</sub>-TiO<sub>2</sub>-SiO<sub>2</sub>-Nd<sub>2</sub>O<sub>3</sub> system, NATO ADVANCED STUDY INSTITUTE ADVANCED TECHNOLOGIES FOR DETECTION AND DEFENSE AGAINST CBRN AGENTS 12 – 20 September 2017, Sozopol, Bulgaria
26. Stanislav S. Slavov, Zheng Jiao, Bi<sub>12</sub>TiO<sub>20</sub> crystallization in Bi<sub>2</sub>O<sub>3</sub>/TiO<sub>2</sub>/SiO<sub>2</sub>/Nd<sub>2</sub>O<sub>3</sub> system, TWENTIETH INTERNATIONAL SUMMER SCHOOL ON VACUUM, ELECTRON AND ION TECHNOLOGIES, 25 – 29 September 2017, Sozopol, Bulgaria
27. Kristin Angelova, Slilyana Stoianova, Rumiana Dimmitrova, Petar Kasidov, Stanislav Slavov, Oxide glass-ceramics for sensor application, XIV-th POSTER SESSION FOR students and young scientists”, 23 May 2016, Sofia, Bulgaria
28. S. Slavov, G. Slavova, GreenHouses (third enterprise), Guangzhou: new vitality of the old city, Guangzhou Baiyun International Convention Center, April 3th, 2019

29. Peicheva T. Djiadek K., Haranek, R., Pernikov M., Slavov S., Phase formation and dielectric properties of bismuth titanate silicate ceramics, XVI-th POSTER SESSION FOR students and young scientists”, 23 May 2019, Sofia, Bulgaria
30. Boris Martinov, Anna Staneva, Stanislav Slavov, Bruno M. G. Melo and Luís C. Costa, New Composites Based on GO and Nano-sized ZnO As Materials for Energy Storage Devices, ANM 2019, 7 th International Conference of Advanced Graphene Materials, 17-19 July, 2019, University of Aveiro, Aveiro, Portugal, oral presentation
31. Boris Martinov, Anna Staneva, Stanislav Slavov, Daniela Kovacheva, Bruno M. G. Melo and Luís C. Costa, Dielectric Properties of RGO/ZnO Composites, ANM 2019, 7 th International Conference of Advanced Graphene Materials, 17-19 July, 2019, University of Aveiro, Aveiro, Portugal, oral presentation
32. Stanislav Slavov, Ruzha Harizanova, Liliya Vladislavova, Georgi Avdeev, Luis Costa, Christian Bocker, Christian Rüssel, Barium titanate oxide glass-ceramics for energy storage, ANM 2019, 7 th International Conference of Advanced Energy Materials, 17-19 July, 2019, University of Aveiro, Aveiro, Portugal, oral presentation
33. T. Peicheva, M. Noncheva, S. Slavov, Dielectric properties of monophasic polycrystalline bismuth titanate ceramics, XVII-th POSTER SESSION FOR students and young scientists”, 26 June 2020, Sofia, Bulgaria
34. Boris Martinov, Stanislav Slavov, Anna Staneva, Janna Mateeva, B.M.G. Melo, L.C. Costa, Electric properties of new composites materials based on RGO, nanosized ZnO and Cu nanoparticles, 21th INTERNATIONAL SCHOOL AND CONFERENCE ON CONDENSED MATTER PHYSICS, VARNA, August 31st– September 3rd , 2020
35. Stanislav Slavov, Maria Noncheva, Teodora Peicheva, Zheng Jiao, Ruzha Harizanova Dielectric properties of monophasic polycrystalline bismuth titanate pyrochlore ( $\text{Bi}_2\text{Ti}_2\text{O}_7$ ) ceramics and glass-ceramics, 21th INTERNATIONAL SCHOOL AND CONFERENCE ON CONDENSED MATTER PHYSICS, VARNA, August 31st– September 3rd , 2020
36. Stanislav Slavov, Maria Noncheva, Teodora Peicheva, Zheng Jiao, Ruzha Harizanova Dielectric properties of polycrystalline bismuth titanate phases ( $\text{Bi}_{12}\text{TiO}_{20}$  and  $\text{Bi}_4\text{Ti}_3\text{O}_{12}$ ) ceramics and glass-ceramics, VIII-th Crystallographic Symposium (NCS-2021), 1-th to 4-th September, Varna, 2021