

**10а. Списък на публикации, изобретения и други научно-приложни резултати. Списък на всички публикации**  
**(гл. ас. д-р Веселина Рангелова)**

- 1 *Lyubenova, L., Rangelova, V., Spassova, M., Spassov, T.,* **Glass forming ability of Zr-based Zr-Cu-Ni-Al-(Ag) alloys**, JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY, 2023, ISSN (print):1388-6150, ISSN (online):1588-2926, doi:10.1007/s10973-023-12044-0 **2023**
- 2 *Todorova, Stanislava, Close Abrashev, Borislav, Rangelova, Vesselina, Vassileva, Evelina, Spassov, Tony,* **EFFECT OF LOW Al CONTENT ON THE ELECTRODE PERFORMANCE OF LaNi<sub>5</sub>-xAl<sub>x</sub> HYDROGEN STORAGE ALLOYS**, Journal of Chemical Technology and Metallurgy, vol:58, issue:1, 2023, pages:200-207, Ref, PhD **2023**
- 3 *Tzvetkov, George, Spassov, Tony, Rangelova, Vesselina,* **FACILE PREPARATION OF IUMINS-LOADED GRAPHITIC CARBON NITRIDE WITH IMPROVED CATALYTIC ACTIVITY ON THE THERMAL DECOMPOSITION OF AMMONIUM PERCHLORATE**, Comptes Rendus de L'Academie Bulgare des Sciences, vol: 76, issue:6, 2023, pages:890-896, doi:10.7546/CRABS.2023.06.08, Ref **2023**
- 4 *Stanislava Todorova, Borislav Abrashev, Vesselina Rangelova, Lyuben Mihaylov, Evelina Vassileva, Konstantin Petrov, Tony Spassov,* **Hydrogen Gas Phase and Electrochemical Hydriding of LaNi<sub>5</sub>-xM<sub>x</sub> (M = Sn, Co, Al) Alloys**, Materials, vol:14, issue:1, 2021, doi:https://doi.org/10.3390/ma14010014, Ref, Web of Science, PhD **2021**
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- 6 *Stanislava Todorova, Vesselina Rangelova, Lyuben Mihaylov, Tony Spassov,* **Effect of hydrogen induced decrepitation on the hydrogen sorption properties of MmNi<sub>5</sub>**, International Journal of Electrochemical Science, issue:15, 2020, doi:doi: 10.20964/2020.06.29, Ref, Web of Science **2020**

- 7 *Stanislava Todorova, Vesselina Rangelova, Veronika Koleva, Tony Spassov, Influence of Milling Conditions on the Behavior of AB5-Type Materials as Metal Hydride Electrodes*, Journal of Nanomaterials, vol:2019, issue:Article ID 6258484, 2019, doi:https://doi.org/10.1155/2019/6258484, Ref, Web of Science, IF (2.233 - 2018), SCOPUS, SJR (0.38 - 2018), SCOPUS Quartile: Q2 (2019), MSc **2019**
- 8 *Hr. Stoyadinova, Z. Zlatanova, M. Spassova, V. Rangelova, T. Spassov, Influence of Milling Time on the Hydriding Properties of Amorphous MgNi Alloys*, Comptes rendus de l'Academie bulgare des Sciences , vol:69, issue:9, 2016, pages:1137-1144, Ref, Web of Science, IF (0.27 - 2017), SCOPUS, SJR (0.21 - 2017), SCOPUS Quartile: Q2 (2016), PhD **2016**
- 9 *Simona Mihaylova, St. Todorova, V. Rangelova, T. Spassov, ADSORPTION PROPERTIES AND CHARACTERIZATION OF METAL-ORGANIC FRAMEWORKS (MOFS) SYNTHESIZED BY TWO DIFFERENT METHODS*, Nanoscience & Nanotechnology, vol:15, issue:2, 2015, Ref, PhD **2015**
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- 14 *T. Spassov, V. Rangelova, P. Solsona, M.D.Baró, D. Zander, U. Köster, Hydriding/dehydriding properties of nanocrystalline Mg87Ni3Al3M7 (M=Ti,Mn,Ce,La) alloys prepared by ball milling*, Journal of Alloys and Compounds , том:398, 2005, стр.:139-144, Ref, Web of Science, в сътрудничество с чуждестранни учени, PhD **2005**
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**Учебник**

*М. Павлова, М. Кирова, Е. Бояджиева, В. Иванова, Н. Върбанова, И. Андонова, В. Рангелова, Химия и опазване на околната среда- 10. клас учебник*, ISBN:978-954-324-216-0, Педагог 6, София, Рецензирано **2019**

**Учебно помагало**

*М. Павлова, М. Кирова, Е. Бояджиева, В. Иванова, Н. Върбанова, И. Андонова, В. Рангелова, Работни листове по химия и опазване на околната среда 10. клас*, ISBN:978-954-3242-22-1, Педагог 6, София, Рецензирано **2019**