

**Списък с цитати**  
**на**  
**гл.ас. д-р Милен Димитров Димов**  
**приложени**  
**по конкурс за академична длъжност „доцент“ по „Химия”,**  
**професионално направление 5.12.**  
**Хранителни технологии, област на висше образование 5. Технически**  
**науки**

*Цитати в Scopus и Web of science:*

**Статия:**

1. R. Yankova, **M. Dimov**, K. Dobрева, A. Stoyanova, Electronic structure, reactivity, and Hirshfeld surface analysis of carvone. Journal of Chemical Research. Vol. 43, Issue 9-10, 2019, 319 – 329. *Scopus, Web of science*

**1.1.Цитата:**

P.V. Sreelaja, C. Ravikumar. Structural and vibrational spectral contributions to the nonlinear optical properties of 2-Amino-3-nitropyridinium 4-hydroxybenzenesulfonate: A DFT study. Journal of Molecular Structure 1223 (2021) 129184. *Scopus, Web of science*

**1.2. Цитата:**

J. G. de Oliveira Neto, et all. Structural, thermal, electronic, vibrational, magnetic, and cytotoxic properties of chloro(glycinato-N,O)(1,10-phenanthroline-N,N')-copper(II) trihydrate coordination complex. Journal of Inorganic Biochemistry, (2022), 226 (9):111658. *Scopus, Web of science*

**1.3. Цитата:**

Chenyu Huang, Wenwen Zhou, Chuanfei Bian, Long Wang, Yuqi Li and Baotong Li. Degradation and Pathways of Carvone in Soil and Water. Molecules, 2022, 27, 2415, 1 – 14. *Scopus, Web of science*

**Статия:**

2. R. Yankova, V. Gandova, **M. Dimov**, K. Dobрева, V. Prodanova-Stefanova, A. Stoyanova, Studies on the structural, electronic and physical properties of linalool. Oxidation Communications 42 (2019) 293–306. *Scopus*

**2.1.Цитата:**

M. Buvaneswari, R. Santhakumari, C. Usha, R. Jayasree, Suresh Sagadevan. Synthesis, growth, structural, spectroscopic, optical, thermal, DFT, HOMO–LUMO, MEP, NBO analysis and thermodynamic properties of vanillin isonicotinic hydrazide single crystal. Journal of Molecular Structure 1243 (2021) 130856. *Scopus*

**Статия:**

3. **M. Dimov**, Y. Tasheva, P. Petkov. Utilisation of protect vulcanisates by thermal destruction. Oxidation Communications, 35, № 1, pp 221 – 227, 2012. *Scopus*

**3.1.Цитата:**

Balaji D., Suresh S. Review of nanostructures for thermal energy applications. Oxidation Communications. 2016. T. 39. № 3-I. C. 2497-2508. *Scopus*

**Статия:**

4. L. Gonsalvesh, **M. Dimov**, S. P. Marinov. Production of adsorbents from "End of Life" tyres and characterization of their porous structure. Bulgarian Chemical Communications, Volume 49, Special Issue D, 2017, pp. 75 – 81. *Scopus, Web of science*

**4.1.Цитата:**

Somi Doja, Lava Kumar Pillari, Lukas Bichler. Processing and activation of tire-derived char: A review. Renewable and Sustainable Energy Reviews. 155 (2022) 111860. **Scopus**

**Статия:**

5. Milena Nikolova, Tsvetko Prokopov, Tanya Ivanova, Venelina Popova, Donka Taneva, **Milen Dimov**, Nadezhda Mazova. Applying cape gooseberry residues for removal of Cr (VI) from aqueous solution. Journal of Chemical Technology and Metallurgy, 55, 6, 2020, 2076-2084. *Scopus*

**5.1.Цитата:**

Dragana Kukić, Aleksandra Ivanovska, Vesna Vasić, Jelena Lađarević, Mirjana Kostić, Marina Šćiban. The overlooked potential of raspberry canes: from waste to an efficient low-cost biosorbent for Cr(VI) ions. Biomass Conversion and Biorefinery, 02 march 2022.

*Scopus*

**Статия:**

6. K. Z. Dobрева and **M.D.Dimov**. Study of the changes in the chemical composition of Bulgarian dill essential oils. IOP Conf. Series: Materials Science and Engineering, 1031, 2021, 012108. *Scopus*

**1.6. Цитата**

Liu Tian-tian, Zhou Gao, Gou Lin-jing, Zhao Yi, Zeng Hong, Dai He-shuang, Cai Qiang, Chen Yu-xin. Research progress on chemical composition and pharmacological activities of dill essential oil and its extract. Chinese Traditional and Herbal Drugs, 2022 April Vol. 53 No. 8, 2583 – 2596. *Scopus*

**Цитати във вторично реферирани издания**

**Статия:**

1. Yankova R., V. Gandova, M. Dimov, K. Dobрева, V. Prodanova-Stefanova, A. Stoyanova. Studies on the structural, electronic and physical properties of linalool. Oxidation Communications, v. 42, 2019, № 3, 293-306.

**1.1. Цитата:**

Tolpežnikaitė E. Improving the quality of marinated meat products by using functional ingredients. Lietuvos sveikatos mokslų universitetas veterinarijos akademija. Kaunas, 2020. [https://www.lsmuni.lt/cris/bitstream/20.500.12512/107693/1/Ernestos\\_Tolpe%C5%BEnikait%C4%97s\\_magistro\\_baigiamasis\\_darbas.pdf](https://www.lsmuni.lt/cris/bitstream/20.500.12512/107693/1/Ernestos_Tolpe%C5%BEnikait%C4%97s_magistro_baigiamasis_darbas.pdf)

2. Prokopov T., M. Nikolova, T. Ivanova, V. Popova, M. Dimov, D. Taneva. Equilibrium study of Cr (VI) removal from aqueous solution by stalks from three tobacco species (Nicotiana) grown in Bulgaria. Environ Res., Eng. Manage, v. 75, 2019, № 3, 46-54.

**2.1. Цитата:**

G. Rakhi, N. Kumari, M. Behera, A. Sharma, S. Kumar, N. Kumar, R. Singh. Adsorption of hexavalent chromium from aqueous solution using pomegranate peel as low-cost biosorbent. Environmental Sustainability, June 2021. doi: 10.1007/s42398-021-00192-8

3. Yankova R., M. Dimov, K. Dobрева, A. Stoyanova, Electronic structure, reactivity, and Hirshfeld surface analysis of carvone. Journal of Chemical Research, c. 43. 2019, № 9-10, 319-329.

**3.1. Цитата:**

Malik J., M. Goyal, K. Wani. Bioremediation and phytoremediation technologies in sustainable soil management, v. 4, Degradation of Pesticides and Polychlorinated Biphenyls.  
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ИЗГОТВИЛ:



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