Списък на цитиранията в издания, реферирани в Web of Science и SCOPUS на научните трудове на гл. ас. д-р Теодора Иванова Тодорова, предоставени във връзка с участието в конкурс за академичната длъжност „доцент" по професионално направление 4.3. Биологически науки, научна специалност "Генетика"

I. Todorova, T., Pesheva, M., Stamenova, R., Dimitrov, M., Venkov, P.. Mutagenic effect of freezing on nuclear DNA of *Saccharomyces cerevisiae*. Yeast, 29, 5, 2012, DOI:https://doi.org/10.1002/yea.2901, 191-199. ISI IF:1.955

Цитира се в:

1. Mazumder, A., Pesudo, L. Q., McRee, S., Bathe, M., & Samson, L. D. "Genome-wide single-cell-level screen for protein abundance and localization changes in response to DNA damage in S. cerevisiae." Nucleic acids research 41.20 (2013): 9310-9324., @2013 **(IF=9.659) Q1 (Scopus)**

2. Jasmin, Jean-Nicolas, and Thomas Lenormand. "Accelerating mutational load is not due to Synergistic epistasis or mutator alleles in mutation accumulation lines of yeast." Genetics 202.2 (2016): 751-763., @2016 **(IF =4.644) Q1 (Scopus)**

3. Nural, B., Erdemir, A., Mutlu, O., Yakarsonmez, S., Danis, O., Topuzogullari, M., & Turgut-Balik, D. "Biochemical and in silico Characterization of Recombinant L-Lactate Dehydrogenase of Theileria annulata." Molecular biotechnology 58.4 (2016): 256-267., @2016 (**IF= 1.752**) **Q2 (Scopus)**

4. Hajmousa, G., Vogelaar, P., Brouwer, L. A., van der Graaf, A. C., Henning, R. H., & Krenning, G. "The 6-chromanol derivate SUL-109 enables prolonged hypothermic storage of adipose tissue-derived stem cells." Biomaterials 119 (2017): 43-52., @2017 **(IF=9.334) Q1 (Scopus)**

5. Hugerth, Luisa W., and Anders F. Andersson. "Analysing microbial community composition through amplicon sequencing: from sampling to hypothesis testing." Frontiers in microbiology, 8 (2017): 1561. @2017 **(IF =4.192) Q1 (Scopus)**

6. Procópio, Luciano. "The era of 'omics' technologies in the study of microbiologically influenced corrosion". Biotechnology Letters, 2020., @2020 (**IF= 2.461**) **Q2 (Scopus)**

II. Chankova, S, Todorova, T, Parvanova, P, Miteva, D, Mitrovska, Z, Angelova, O, Imreova, P, Mucaji, P. Kaempferol and jatropham: Are they protective or detrimental for Chlamydomonas reinhardtii?. 66, 8, Comptes rendus de I,Académie bulgare des Sciences, 2013, ISSN:1310-1331, 1121-1128. SJR:0.206, ISI IF:0.284

Цитира се в:

7. Jovtchev, G, Gateva, S, Stankov, A. Lilium compounds kaempferol and jatropham can modulate cytotoxic and genotoxic effects of radiomimetic zeocin in plants and human lymphocytes In vitro. Environmental Toxicology. 12/2014; DOI: 10.1002/tox.22088, @2014 (IF= 2.602) Q2 (Scopus)

III. Todorova, T, Pesheva, M, Gregan, F, Chankova, S. Antioxidant, antimutagenic and anticarcinogenic effects of Papaver rhoeas L. extract on Saccharomyces cerevisiae. Journal of Medicinal Food, 18, 4, Mary Ann Liebert, Inc., 2015, ISSN:1557-7600, DOI:doi:10.1089/jmf.2014.0050, 460-467. ISI IF:1.626

Цитира се в:

8. Hijazi, M. A., El-Mallah, A., Aboul-Ela, M., & Ellakany, A. Evaluation of Analgesic Activity of Papaver libanoticum Extract in Mice: Involvement Opioids Receptors. Evidence-Based Complementary and Alternative Medicine, (2017), Article ID 8935085, 13 p., https://doi.org/10.1155/2017/8935085, @2017 (IF = 2.037) Q1 (Scopus)

9. Hijazi, Mohamad Ali, Maha Aboul-Ela, Kamal Bouhadir, Maamoun Fatfat, Hala Khalife, Abdalla Ellakany, and Hala Gali-Muhtasib. "Cytotoxic Activity of Alkaloids from Papaver rhoeas growing in Lebanon." Records of Natural Products 11, no. 2 (2017): 12. @2017 (IF = 1.311) Q2 (Scopus)

10. Baki, S., Tufan, A.N., Altun, M., Özgökçe, F., Güçlü, K. and Özyürek, M., 2018. Microwave-Assisted Extraction of Polyphenolics from Some Selected Medicinal Herbs Grown in Turkey. Records of Natural Products, 12(1): 29-39, @2018(IF = 1.205) Q2 (Scopus)

11. Hijazi, Mohamad Ali, Maha Aboul-Ela, Kamal Bouhadir, Maamoun Fatfat, Hala Gali-Muhtasib, and Abdalla Ellakany. "Alkaloids of Papaver libanoticum and their Cytotoxic Activity." Rec. Nat. Prod. 12:6 (2018) 611-618, @2018 (IF = 1.205) Q2 (Scopus)

12. Oh, J., Shin, Y., Ha, I. J., Lee, M. Y., Lee, S. G., Kang, B. C., Kyeong, D.& Kim, D. "Transcriptome Profiling of Two Ornamental and Medicinal Papaver Herbs." International Journal of Molecular Sciences 19.10 (2018): 3192. @2018 (IF = 4.32) Q1 (Scopus)

13. Oh, Jae- Hyeon, In Jin Ha, Min Young Lee, Eun- Ok Kim, Dain Park, Jun- Hee Lee, Seok- Geun Lee et al. "Identification and metabolite profiling of alkaloids in aerial parts of Papaver rhoeas by liquid chromatography coupled with quadrupole time- of- flight tandem mass spectrometry." Journal of separation science (2018), 41 (12): 2517-2527, @2018 (IF = 2.531) Q2 (Scopus)

14. Lee, Hyeong-Ryeol, and Heung-Bin Lim. "Antimutagenic and antioxidative effects of polysaccharides isolated from the water extract of Ganoderma lucidum." Journal of Applied Pharmaceutical Science 9.04 (2019): 001-007., @2019 (IF = 0.94) Q2 (Scopus)

15. Velickovic, J. M., Mitic, M. N., Arsic, B. B., Paunovic, D. Đ., Stojanovic, B. T., Veljkovic, J. N., & Kostic, D. A. "HPLC ANALYSIS OF EXTRACTS OF FRESH PETALS OF PAPAVER RHOEAS L." STUDIA UNIVERSITATIS BABES-BOLYAI CHEMIA 64.3 (2019): 239-247., @2019 (SJR=0.164) Q4 (Scopus)

16. Marsoul, A., Ijjaali, M., Oumous, I., Bennani, B., & Boukir, A. "Determination of polyphenol contents in Papaver rhoeas L. flowers extracts (soxhlet, maceration), antioxidant and antibacterial evaluation." Materials Today: Proceedings (2020)., @2020 (SJR=0.341) Q4 (Scopus)

17. Bayazeid, Omer, and Funda N. Yalçın. "Biological targets of 92 alkaloids isolated from Papaver genus: a perspective based on in silico predictions." Medicinal Chemistry Research 30.3 (2021): 574-585., @2021 (IF = 1.843) Q2 (Scopus)

18. Kim, H.; Han, S.; Song, K.; Lee, M.Y.; Park, B.; Ha, I.J.; Lee, S.-G. Ethyl Acetate Fractions of Papaver rhoeas L. and Papaver nudicaule L. Exert Antioxidant and Anti-Inflammatory Activities. Antioxidants 2021, 10, 1895. https://doi.org/10.3390/antiox10121895, @2021 (IF = 7.468) Q1 (Scopus)

19. Bujak, T.; Zagórska-Dziok, M.; Ziemlewska, A.; Nizioł-Łukaszewska, Z.; Lal, K.; Wasilewski, T.; Hordyjewicz-Baran, Z. "Flower Extracts as Multifunctional Dyes in the Cosmetics Industry". Molecules 2022, 27, 922. https://doi.org/10.3390/molecules27030922, (IF = 4.927) Q1 (Scopus)

20. Butnariu, M., Quispe, C., Herrera-Bravo, J., Pentea, M., Sarac, I., Küşümler, A. S., Özçelik, B., Painuli, S. Semwal, P., Imran, M., Gondal, T.A., Emamzadeh-Yazdi, S, Lapava, N., Yousaf, Z., Kumar, M., Eid, A.H., Al-Dhaheri, Y., Suleria, H.A.R., M.M., Sharifi-Rad, J. & Cho, W. C. "Papaver Plants: Current Insights on Phytochemical and Nutritional Composition Along with Biotechnological Applications." Oxidative Medicine and Cellular Longevity 2022 (2022)., @2022 (IF = 7,310) Q1 (Scopus)

IV. Todorova, T, Miteva, D, Chankova, S. DNA damaging effect of zeocin and methyl methanesulfonate in Saccharomyces cerevisiae measured by CFGE. 68, 1, Comptes rendus de l`Académie bulgare des Sciences, 2015, ISSN:2367–5535, 71-78. SJR:0.21, ISI IF:0.284

Цитира се в:

21. Lin, G., Wang, Y., Guo, L. et al. Verification of mutagen function of Zeocin in Nannochloropsis oceanica through transcriptome analysis, J. Ocean Univ. China (2017) 16: 501. doi:10.1007/s11802-017-3231-x, @2017 (IF = 0,67) Q3 (Scopus)

22. Liang, Sijie, Zhang, Zhongyi, Liu, Hang, Guo, Li, Sun, Shiyang, & Yang, Guanpin. "Digging out molecular markers associated with low salinity tolerance of Nannochloropsis oceanica through bulked mutant analysis." Journal of Oceanology and Limnology: 1-13., @2019 (IF = 0,837) Q3 (Scopus)

V. Todorova, T., Bardarov, K., Miteva, D., Bardarov, V., Atanassov, A., Chankova, S.. DNA- protective Activities of Clinopodium Vulgare L. Extracts. 69, 8, Comptes rendus de l'Académie bulgare des Sciences, 2016, ISSN:2367–5535, 1019-1024. SJR (Scopus):0.206, JCR-IF (Web of Science):0.233

Цитира се в:

23. Bektašević, M., Politeo, O., Roje, M., & Jurin, M. "Polyphenol Composition, Anticholinesterase and Antioxidant Potential of the Extracts of Clinopodium vulgare L." Chemistry & Biodiversity., @2022 (IF = 2,408) Q2 (Scopus)

VI. Todorova, A, Pesheva, M, Iliev, I, Bardarov, K, Todorova, T. Antimutagenic, Antirecombinogenic, and Antitumor Effect of Amygdalin in a Yeast Cell–Based Test and Mammalian Cell Lines. Journal of Medicinal Food, 20, 4, 2017, DOI:10.1089/jmf.2016.0108, 360-366. ISI IF:1.844

Цитира се в:

24. Koriem, K.M., 2017. Protective effect of natural products and hormones in colon cancer using metabolome: A physiological overview. Asian Pacific Journal of Tropical Biomedicine. 7(10):957-966, @2017 (IF = 1,946) Q2 (Scopus)

25. Wu, H., Cao, C. and Zhou, C., 2017. Determination of amygdalin in the fruit of Eriobotrya japonica Lindl by high performance liquid chromatography. Biomedical Research, 28(20), 9028-9032., @2017 (IF = 1,432) Q2 (Scopus)

26. Yilmaz, Feray C., and Asli Ucar. "Amygdalin Dilemma: Poison or Treatment?." Current Nutrition & Food Science 14.4 (2018): 300-304., @2018 (IF = 0,731) Q3 (Scopus)

27. Zhang J, Lian B, Shang Y, Li C, Meng Q. "miR-135a Protects Dextran Sodium Sulfate-Induced Inflammation in Human Colorectal Cell Lines by Activating STAT3 Signal." Cell Physiol Biochem 2018;51:1001-1012. doi: 10.1159/000495481, @2018 (IF = 1,292) Q2 (Scopus)

28. Ramadan, Doaa T.; Ali, Mohamed A.M.; Yahya, Shaymaa M.; El-Sayed, Wael M.. "Correlation between Antioxidant/Antimutagenic and Antiproliferative Activity of Some Phytochemicals." Anti-Cancer Agents in Medicinal Chemistry (Formerly Current Medicinal Chemistry-Anti-Cancer Agents) 19.12 (2019): 1481-1490., @2019 (IF = 1,952) Q3 (Scopus)

29. Shi, J., Chen, Q., Xu, M., Xia, Q., Zheng, T., Teng, J., Li, M. & Fan, L. "Recent updates and future perspectives about amygdalin as a potential anticancer agent: A review." Cancer medicine (2019)., @2019 (IF = 3,523) Q1 (Scopus)

30. Wang, Z., Fang, K., Wang, G., Guan, X., Pang, Z., Guo, Y., Yuan, Y., Ran, N., Liu, Y. & Wang, F. "Protective effect of amygdalin on epithelial–mesenchymal transformation in experimental chronic obstructive pulmonary disease mice." Phytotherapy Research (2019)., @2019 (IF = 4,174) Q2 (Scopus)

31. Erikel, Esra, Deniz Yuzbasioglu, and Fatma Unal. "Genotoxic and antigenotoxic potential of amygdalin on isolated human lymphocytes by the comet assay." Journal of Food Biochemistry: e13436., @2020 (IF = 2,48) Q2 (Scopus)

32. Huang, P., Tang, Y., Li, C., Zhou, H., Yu, L., Wan, H., & He, Y. (2020). Correlation study between the pharmacokinetics of seven main active ingredients of Mahuang decoction and its pharmacodynamics in asthmatic rats. Journal of Pharmaceutical and Biomedical Analysis, 113144., @2020 (IF = 3,773) Q1 (Scopus)

33. Mosayyebi, B., Imani, M., Mohammadi, L., Akbarzadeh, A., Zarghami, N., Edalati, M., Alizadeh, E. & Rahmati, M. "An Update on the Toxicity of Cyanogenic Glycosides Bioactive Compounds: Possible Clinical Application in Targeted Cancer Therapy." Materials Chemistry and Physics (2020): 122841., (IF = 4,044) Q2 (Scopus)

34. Albogami, Sarah, and Alaa Alnefaie. "Role of Amygdalin in Blocking DNA Replication in Breast Cancer In Vitro." Current Pharmaceutical Biotechnology (2021)., @2021 (IF = 2,564) Q2 (Scopus)

35. Figat, Ramona, Agnieszka Świątek, and Grzegorz Nałęcz-Jawecki. "PHENOLIC ACIDS - ANTIGENOTOXIC COMPOUNDS FROM MEDICINAL AND EDIBLE PLANTS". BIULETYN WYDZIALU FARMACEUTYCZNEGO WARSZAWSKIEGO UNIWERSYTETU MEDYCZNEGO; 2021; 4; 28-41 (IF = 0,03) Q4 (Scopus)

36. Si, Zhenyang, and Biao Zhang. "Amygdalin Attenuates Airway Epithelium Apoptosis, Inflammation, and Epithelial-Mesenchymal Transition through Restraining the TLR4/NF-κB Signaling Pathway on LPS-Treated BEAS-2B Bronchial Epithelial Cells." International archives of allergy and immunology 182.10 (2021): 997-1007., @2021 (IF = 2.219) Q2 (Scopus)

37. Mueed, A., Shibli, S., Jahangir, M., Jabbar, S., & Deng, Z."A comprehensive review of flaxseed (Linum usitatissimum L.): health-affecting compounds, mechanism of toxicity, detoxification, anticancer and potential risk." Critical reviews in food science and nutrition, 1-24. 14 Jul. 2022, doi:10.1080/10408398.2022.2092718, @2022 (IF = 11.176) Q1 (Scopus)

VII. Dimitrov M., Iliev, I, Bardarov, K, Georgieva, D, Todorova, T. Phytochemical characterization and biological activity of apricot kernels' extract in yeast-cell based tests and hepatocellular and colorectal carcinoma cell lines. Journal of Ethnopharmacology, 279, Elsevier, 2021, DOI:https://doi.org/10.1016/j.jep.2021.114333, JCR-IF (Web of Science):3.69

Цитира се в:

38. Kitic, D.; Miladinovic, B.; Randjelovic, M.; Szopa, A.; Sharifi-Rad, J.; Calina, D.; Seidel, V. Anticancer Potential and Other Pharmacological Properties of Prunus armeniaca L.: An Updated Overview. Plants 2022, 11, 1885. https://doi.org/10.3390/plants11141885, @2022 (IF = 2.632) Q1 (Scopus)

39. Yang, S., Xing, Y., Liu, Q. et al. Residual levels and dietary intake risk assessment of 11 pesticides in apricots from different ecological planting regions in China. Sci Rep 12, 18818 (2022). https://doi.org/10.1038/s41598-022-23564-4(IF = 4.996) Q1 (Scopus)

Списък на цитатите, които не влизат в показателите за заемане на академична длъжност „доцент“

1. Todorova, T., Pesheva, M., Stamenova, R., Dimitov, M., Venkov, P.. Mutagenic effect of freezing on nuclear DNA of Saccharomyces cerevisiae. Yeast, 29, 5, 2012, DOI:https://doi.org/10.1002/yea.2901, 191-199. ISI IF:1.955

Цитира се в:

1. Pınar, İ. L. İ. "Sperm Kriyoprezervasyonunda DNA Fragmantasyonunun Araştırılması: TUNEL Yöntemi." Turkiye Klinikleri J Reprod Artif Insemin-Special Topics 3.2 (2017): 96-104., @2017

2. García Marqués, Sara. "Análisis de los mecanismos de respuesta a bajas temperaturas ya estrés del retículo endoplásmico." (2013)., @2013

3. Yılmaz, Ülkü. Donma-erime Stresine Dirençli Saccharomyces Cerevisiae'Nin Evrimsel Mühendisliği Ve Moleküler Karakterizasyonu. Diss. Fen Bilimleri Enstitüsü, 2013., @2013

4. Iyavoo, Sasitaran. Development and application of a PCR multiplex to assess the quality and quantity of forensic DNA extracts. Diss. University of Central Lancashire, 2014., @2014

2. Todorova, T, Pesheva, M, Gregan, F, Chankova, S. Antioxidant, antimutagenic and anticarcinogenic effects of Papaver rhoeas L. extract on Saccharomyces cerevisiae. Journal of Medicinal Food, 18, 4, Mary Ann Liebert, Inc., 2015, ISSN:1557-7600, DOI:doi:10.1089/jmf.2014.0050, 460-467. ISI IF:1.626

Цитира се в:

5. Hao Da, Xiao Jie Gu, Pei Gen Xiao, Medicinal plants: Chemistry, Biology and Omics, Woodhead Publishing, June 2015, pp. 217–251; ISBN: 978-0-08-100085-4, @2015

6. Abitha, J. Role of antioxidants, anti-carcinogens and anti-mutagens, DJ Journal of Engineering Chemistry and Fuel, Vol. 1(3) 2016, pp. 8-16, @2016

7. Кароматов, Иномжон Джураевич, and Сохиба Ихтиёр Кизи Каххорова. "ЛЕЧЕБНЫЕ СВОЙСТВА ЧАЙНОГО ГРИБА (ОБЗОР ЛИТЕРАТУРЫ)." Биология и интегративная медицина 1 (2018)., @2018

8. Vlachou, Marilena, et al. "Fast Sleep Onset Pharmaceutical Formulation of the Chronobiotic Hormone Melatonin." Advanced Science, Engineering and Medicine 12.3 (2020): 439-442., @2020

9. Kumar, Satendra, Plant Growth Reproductive Potential and Nutrient Uptake by Red Poppy papaver rhoeas L Under The Influence of Certain Micro Nutrients Fe Cu and Zn, Thesis, Jiwaji University, http://hdl.handle.net/10603/132932, @2016

10. Antišić, A. "HPLC analiza polifenola u samoniklim jestivim biljnim vrstama Dalmacije". Doctoral dissertation, University of Zagreb. Faculty of Pharmacy and Biochemistry. Department of pharmacognosy, 2017., @2017

11. Gergely, Eszter. "Alkaloidy Papaver rhoeas L.(Papaveraceae) a ich biologická aktivita vzťahujúca sa na Alzheimerovu chorobu IV." (2022)., @2022

3. Todorova, T., Bardarov, K., Miteva, D., Bardarov, V., Atanassov, A., Chankova, S.. DNA-protective Activities of Clinopodium Vulgare L. Extracts. 69, 8, Comptes rendus de l'Académie bulgare des Sciences, 2016, ISSN:2367–5535, 1019-1024. SJR (Scopus):0.206, JCR-IF (Web of Science):0.233

Цитира се в:

12. Nikolova, Milena Tihomirova, et al. "Antifungal activity of plant extracts against phytopathogenic fungi." Journal of BioScience and Biotechnology 6.2 (2017): 155-161., @2017

13. Bektašević, Mejra. Kemijski i biološki profil odabranih biljnih vrsta korištenih u tradicionalnoj medicini BiH. Diss. University of Split. Faculty of Chemistry and Technology. Division of Chemistry, 2018., **@2018**

4. Bardarov, K, Todorova, T, Miteva, D, Bardarov, V, Atanassov, A, Chankova, S. Preliminary screening for study of the chemical composition of Clinopodium vulgare L. water extract. Compt. rend. Acad. bulg, 69, 6, 2016, 717-724. JCR-IF (Web of Science):0.233

Цитира се в:

14. Dagnon, S., D. Bojilov, M. Docheva, and A. Edreva. The Relationship between Main Polyphenol Components and Free Radical Scavenging Activity of Selected Medicinal Plants. International Journal of Pharmaceutical Sciences and Drug Research. 10(3): 131-138, 2018., @2018

15. Dimitrov, N., Miteva, D., Dyankova S., Popova, T. "Alternative Technological Solutions for Extending the Shelf Life of Beef". Journal of Mountain Agriculture on the Balkans, 2021, 24 (5), 63-80, @2021 Линк

5. Todorova, A, Pesheva, M, Iliev, I, Bardarov, K, Todorova, T. Antimutagenic, Antirecombinogenic, and Antitumor Effect of Amygdalin in a Yeast Cell–Based Test and Mammalian Cell Lines. Journal of Medicinal Food, 20, 4, 2017, DOI:10.1089/jmf.2016.0108, 360-366. ISI IF:1.844

Цитира се в:

16. Třísková, A., and J. Rudá-Kučerová. "Can Amygdalin Provide any Benefit in Integrative Anticancer Treatment?." Klinicka onkologie: casopis Ceske a Slovenske onkologicke spolecnosti 32.5 (2019): 360-366., @2019 Линк

6. Todorova, T, Miteva, D, Chankova, S. DNA susceptibility of Saccharomyces cerevisiae to Zeocin depends on the growth phase. International Microbiology, 22, 4, 2019, DOI:10.1007/s10123-019-00065-5, 419-428. ISI IF:1.256

Цитира се в:

17. Gök, Ö. , Beyaz, S. , Aslan, A. "Aloe vera'nın Saccharomyces cerevisae Gelişimi Üzerine Etkisinin Moleküler Biyolojik Yönden Araştırılması" . Afyon Kocatepe Üniversitesi Fen Ve Mühendislik Bilimleri Dergisi 22 (2022): 703-710, @2022

18. Gentric, N. "Entre cycle cellulaire et réponse aux dommages à l'ADN : fonctions de la protéine F-box FBL17 chez Arabidopsis thaliana". Thesis, November 2020, **@2020**

7. Dimitrov M., Iliev, I, Bardarov, K, Georgieva, D, Todorova, T. Phytochemical characterization and biological activity of apricot kernels' extract in yeast-cell based tests and hepatocellular and colorectal carcinoma cell lines. Journal of Ethnopharmacology, 279, Elsevier, 2021, DOI:https://doi.org/10.1016/j.jep.2021.114333, JCR-IF (Web of Science):3.69

Цитира се в:

19. Καματερού, Μαρίνα, and Αλεξάνδρα Αρφάνη. "Η χρήση εδώδιμων συσκευασιών στην τεχνολογία τροφίμων." (2022)., @2022