

СПИСЪК НА ВСИЧКИ НАУЧНИ ПУБЛИКАЦИИ
на гл. ас. д-р Георги Николаев Бончев

| № | Публикация | Квартил | JCR IF |
|---|--|---|-----------------|
| 1 | Chaneva G., Tomov A., Paunov M., Hristova V., Ganeva V., Mihaylova N., Anev S., Krumov N., Yordanova Z., Tsenov, B., Vassileva V., Bonchev G. , Zhiponova M., 2022. Jewel Orchid's Biology and Physiological Response to Aquaponic Water as a Potential Fertilizer. <i>Plants</i> , 11 : 3181. | Q1 (SJR, 2021) Q1 (JCR, 2021) | 4.658 (2021) |
| 2 | Krumov N.P., Hristova VA, Bonchev G.N. , Nedelcheva A.M., Tomov AA, Zhiponova M.K., 2022. Review on Biological and Biotechnological Characteristics of the Terrestrial Orchid <i>Ludisia discolor</i> . <i>Annual Of Sofia University "St. Kliment Ohridski" Faculty of Biology</i> , Book 2 – Botany, 106 ISSN:(online):2367-9190; (print):0204-9910, 13-30 | ----- | ----- |
| 3 | Petrova M., Bonchev G. , Dimitrova L., Dimitrova M., Vassilevska-Ivanova R., In vitro cultivation of saffron (<i>Crocus sativus</i> L.) and assessment of genetic homogeneity using iPBS markers. <i>Comptes rendus de l'Académie bulgare des Sciences</i> , приета за печат: 2022 , ISSN:1310–1331 | Q3 (SJR, 2022) Q4 (JCR, 2021) | 0.326 (2021) |
| 4 | Aneva I., Zhelev P., Bonchev G. , Boycheva I., Simeonova S., Kancheva D. 2022. DNA Barcoding Study of Representative <i>Thymus</i> Species in Bulgaria. <i>Plants</i> , 11 (3): 270 | Q1 (SJR, 2021) Q1 (JCR, 2021) | 4.658 (2021) |
| 5 | Korchanová Z., Švec M., Janáková E., Lampar A., Majka M., Holušová K., Bonchev G. , Juračka J., Cápál P., Valárik M., 2022. Identification, High-Density Mapping, and Characterization of New Major Powdery Mildew Resistance Loci From the Emmer Wheat Landrace GZ1. <i>Frontiers in Plant Science</i> , 13 : 897697. | Q1 (SJR, 2021) Q1 (JCR, 2021) | 6.627 (2021) |
| 6 | Petrova D., Gašić U., Yocheva L., Hinkov A., Yordanova Z., Chaneva G., Mantovska D., Paunov M., Ivanova L., Rogova M., Shishkova K., Todorov D., Tosheva A., Kapchina-Toteva V., Vassileva V., Atanassov A., Mišić D., Bonchev G. , Zhiponova M. 2022. Catmint (<i>Nepeta nuda</i> L.) Phylogenetics and Metabolic Responses in Variable Growth Conditions. <i>Frontiers in Plant Science</i> , 13 : 866777. | Q1 (SJR, 2021) Q1 (JCR, 2021) | 6.627 (2021) |
| 7 | Manova V., Stoyanova Z., Rodeva R., Boycheva I., Korpelainen H., Vesterinen E., Wirta H., Bonchev G. , 2022. Morphological, Pathological, and Genetic Diversity of <i>Colletotrichum</i> Species Pathogenic on Solanaceous Vegetable Crops in Bulgaria. <i>Journal of Fungi</i> , 8 (11):1123 | Q1 (SJR, 2021) Q2 (JCR, 2021) | 5.724 (2021) |
| 8 | Aneva I., Zhelev P., Bonchev G. , 2022. <i>Sideritis elica</i> , a New Species of Lamiaceae from Bulgaria, Revealed by Morphology and Molecular Phylogeny. <i>Plants</i> , 11 : 2900. | Q1 (SJR, 2021) Q1 (JCR, 2021) | 4.658 (2021) |
| 9 | Georgieva M., Bonchev G. , Zehirov G. Vasileva V., Vassileva V., 2021. Neonicotinoid insecticides exert diverse cytotoxic and genotoxic effects on cultivated sunflower. <i>Environmental Science and Pollution Research</i> , 28 : 53193–53207 | Q1 (SJR, 2021) Q2 (JCR, 2021) | 5.190 (2021) |

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| 10 | Bonchev G. , Vassilevska-Ivanova R. 2020 . Fingerprinting the genetic variation and intergeneric hybrid dynamics in the family Asteraceae (genera Helianthus, Echinaceae, Tagetes and Verbesina) using iPBS markers. <i>Biologia</i> , 75 : 457–464 | Q3 (SJR, 2020) Q3 (JCR, 2020) | 1.350 (2020) |
| 11 | Bonchev G. , Dušínský R., Hauptvogel P., Gaplovská-Kyselá K., Švec M., 2019 . On the diversity and origin of the barley complex agriocrithon inferred by iPBS transposon markers. <i>Genetic Resources and Crop Evolution</i> , 66 : 1573–1586. | Q2 (SJR, 2019) Q2 (JCR, 2019) | 1.071 (2019) |
| 12 | Bonchev G. , Willi Y., 2018 . Accumulation of transposable elements in selfing populations of <i>Arabidopsis lyrata</i> supports the ectopic recombination model of transposon evolution. <i>New Phytologist</i> , 219 : 767-778. | Q1 (SJR, 2018) Q1 (JCR, 2018) | 7.299 (2018) |
| 13 | Bonchev G. , Shtereva L., & Vassilevska-Ivanova R. 2018 , Retrotransposon-related genetic distance among inbred lines of sweet corn (<i>Zea mays</i> var. <i>saccharata</i>) and hybrid performance. <i>Plant Genetic Resources</i> , 16 (1): 50-58. | Q3 (SJR, 2018) Q3 (JCI 2018), Q4 (JIF 2018) | 0.717 (2018) |
| 14 | Bonchev G. , Dusínský R., Hauptvogel P., Švec M., 2017 . Patterns of evolutionary trajectories and domestication history within the genus <i>Hordeum</i> assessed by REMAP markers. <i>Journal of Molecular Evolution</i> , 84 : 116-128. | Q2 (SJR, 2017) Q3 (JCR, 2017) | 1.957 (2017) |
| 15 | Bonchev G. , 2016 . Useful parasites: the evolutionary biology and biotechnology applications of transposable elements. <i>Journal of Genetics</i> , 95 : 1039-1052 | Q4 (SJR, 2016) Q4 (JCR, 2016) | 0.995 (2016) |
| 16 | Bonchev G. , Shtereva L., Vassilevska-Ivanova R., 2016 . Crosstalk between genetic diversity among inbred lines of sweet corn (<i>Zea mays</i> var. <i>saccharata</i>) and hybrid performance assessed by REMAP markers. Материалы международной научно-практической конференции «Научно-образовательная среда как основа развития агропромышленного комплекса и социальной инфраструктуры села», А. Е. Макушев. - Чебоксары : ФГБОУ ВО Чувашская ГСХА | ----- | ----- |
| 17 | Georgieva M., Nikolova I., Bonchev G. , Katerova K., Todorova D., 2015 . A comparative analysis of membrane intactness and genome integrity in pea, barley, and wheat in response to UVC irradiation. <i>Turkish Journal of Botany</i> , 39 (6): 1008-1013. | Q2 (SJR, 2015) Q3 (JCR, 2015) | 1.178 (2015) |
| 18 | Bonchev G. , Parisod C., 2013 . Transposable elements and microevolutionary changes in natural populations. <i>Molecular Ecology Resources</i> , 13 : 765-775. | Q1 (SJR, 2013) Q1 (JCR, 2013) | 5.626 (2013) |
| 19 | Bonchev G. , Stoilov L., Angelova Z., Georgiev S., 2012 . Genomic diversity of Ac-like transposable elements in sphaerococcum mutant forms of common wheat (<i>T. aestivum</i> L.) and triticale (<i>X Triticosecale</i> Witt.). <i>Journal of Applied Genetics</i> , 53 (1): 9-17. | Q2 (SJR, 2012) Q3 (JCR, 2012) | 1.847 (2012) |
| 20 | Gecheff K, Manova V, Bonchev G, Kitanova M, Vlahova M, Stoilov L. 2008 . Position-specific effects in the action of mutagenic agents on the chromosomes of barley (<i>Hordeum vulgare</i> L.). <i>Genetics and Breeding</i> , 37 , 3-4, Marin Drinov Academic Publishing House, ISSN:1310-4292, 3-13 | ----- | ----- |

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| 21* | Bonchev G. , Pearce S., Georgiev S. 2010 . Retrotransposons and ethyle methanesulphonate induced genetic diversity in sphaerococcum mutant forms of hexaploid wheat and Triticale. <i>Central European Journal of Biology (Open Life Sciences)</i> , 5(6) : 765-776 | Q2 (SJR, 2010) Q4 (JCR, 2010) | 0.685 (2010) |
| 22* | S. Georgiev, G. Bonchev , Z. Angelova, M. Kitanova 2008 . Genetic analysis of sphaerococcum mutant forms of hexaploid wheats and triticale MT47, <i>Biotechnology & Biotechnological Equipment</i> 22/4 , 957-958. | Q4 (SJR, 2008) | ----- |
| 23 | Bonchev G. , Georgiev S., Dekova T., Kitanova M. 2002 . Plant tansposable elements. A focal point for future studies of the plant genomes, <i>Biotechnology & Biotechnological Equipment</i> 16(2) , 47-54 | Q4 (SJR, 2002) Q4 (JCR, 2002) | 0.029 (2002) |

* Публикации, включени в дисертацията за придобиване на ОНС „Доктор“: № 21, 22 (приложено е копие от автореферата).

СПРАВКА КЪМ СПИСЪКА НА НАУЧНИТЕ ПУБЛИКАЦИИ

Разпределение на публикациите по квартали (JCR или SJR, използван е по-високият квартал):

- Q1: 9 статии
- Q2: 5 статии
- Q3: 3 статии
- Q4: 3 статии
- Научни публикации в рецензирани списания, неиндексирани в WoS и Scopus: 3 статии

Списък с автори:

- Първи автор: 11 статии

Тип научни публикации:

- Научна статия: 20 публикации
- Научен обзор: 3 публикации

| Списание | Брой статии | № от списъка | Сума от JCR IF за съответната година на издаване |
|---|-------------|--------------|--|
| <i>Plants</i> | 3 | 1, 4, 8 | |
| <i>Frontiers in Plant Science</i> | 2 | 5, 6 | 13.254 |
| <i>Biotechnology & Biotechnological Equipment</i> | 2 | 22,23 | 0.029 |
| <i>Journal of Fungi</i> | 1 | 7 | 5.724 |
| <i>Environmental Science and Pollution Research</i> | 1 | 9 | 5.190 |
| <i>Annual of Sofia University "St. Kliment Ohridski" Faculty of Biology</i> | 1 | 2 | ----- |
| <i>Genetic Resources and Crop Evolution</i> | 1 | 11 | 1.071 |

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|--|---|----|-------|
| <i>New Phytologist</i> | 1 | 12 | 7.299 |
| <i>Journal of Molecular Evolution</i> | 1 | 14 | 1.957 |
| <i>Plant Genetic Resources</i> | 1 | 13 | 0.717 |
| <i>Molecular Ecology Resources</i> | 1 | 18 | 5.626 |
| <i>Biologia</i> | 1 | 10 | 1.350 |
| <i>Journal of Genetics</i> | 1 | 15 | 0.995 |
| <i>Cent. Eur. J. Biol.</i> | 1 | 21 | 0.685 |
| <i>Comptes rendus de l'Académie bulgare des Sciences</i> | 1 | 3 | 0.326 |
| <i>Journal of Applied Genetics</i> | 1 | 19 | 1.847 |
| <i>Genetics and Breeding</i> | 1 | 20 | ----- |
| <i>Turkish Journal of Botany</i> | 1 | 11 | 1.178 |
| Материалы международной научно-практической конференции | 1 | 16 | ----- |

Общ JCR IF: 47.248

Публикувана информация в депозитни бази:

Растения:

BOLD (https://boldsystems.org/index.php/Public_BINSearch?searchtype=records)

BUL001-21 - *Plantago atrata* [rbcl:645]

BUL002-22 - *Nepeta nuda* [ITS:593, matK:819,rbcl:630,trnH-psbA:450]

NCBI GeneBank

Ludisia discolor (орхидея) - accessions ITS OP688578; rbcl OP719316; matK OP719315; trnH-psbA OP719317.

Фитопатогенни гъби *Colletotrichum*

BOLD:

Accessions : COLB001-22 - COLB018-22

02.05.2023 г.

гр. София

Подпис:



(Георги Бончев)