

# СПИСЪК НА ЗАБЕЛЯЗАНИ ЦИТИРАНИЯ В WoS и Scopus

на гл. ас. д-р Георги Николаев Бончев

(без автоцитати)

Брой цитирани публикации: 13	Брой цитиращи източници: 66	Коригиран брой: 66.000
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## 2010

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1. **Bonchev G**, Pearce S, Georgiev S. Retrotransposons and ethyle methanesulphonate induced genetic diversity in sphaerococcum mutant forms of hexaploid wheat and Triticale.. Central European Journal of Biology, 5(6), Versita Springer, 2010, ISSN:1895-104X, Web of Science, SCOPUS, Google Scholar, ProQuest, 765-776. ISI IF:0.685

Цитира се в:

1. Sen, Ayse. "Retrotransposon insertion variations in doubled haploid bread wheat mutants." Plant Growth Regulation 1.000 81.2 (2017): 325-333., @2017 [Линк](#)
2. Pykalo, S. V., and O. V. Dubrovna. "Variability of the Triticale Genome in Culture in vitro." Cytology and Genetics 1.000 52.5 (2018): 385-393., @2018
3. Gao, Lulu, et al. "Fine mapping and candidate gene analysis of a QTL associated with leaf rolling index on chromosome 4 of maize (Zea mays L.)." Theoretical and Applied Genetics 132.11 (2019): 3047-3062., @2019 [Линк](#)

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## 2013

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2. **Bonchev G**, Parisod C. Transposable elements and microevolutionary changes in natural populations. Molecular Ecology Resources, 13, John Wiley & Sons Ltd, 2013, ISSN:1755-0998, Journal Citation Reports/Science Edition (Clarivate Analytics), CAB Abstracts® (CABI), MEDLINE/PubMed (NLM), BIOBASE: Current Awareness in Biological Sciences (Elsevier), DOI:doi: 10.1111/1755-0998.12133, 765-775. SJR:5.63, ISI IF:7.059

Цитира се в:

4. Gustafsson, A. Lovisa S., et al. "Genetics of cryptic speciation within an arctic mustard, *Draba nivalis*." PLoS One 1.000 9.4 (2014): e93834., @2014
5. Senerchia, Natacha, François Felber, and Christian Parisod. "Contrasting evolutionary trajectories of multiple retrotransposons following independent allopolyploidy in wild wheats." New Phytologist 202.3 (2014): 975-985., @2014
6. Bardil, Amélie, Alexandre Tayalé, and Christian Parisod. "Evolutionary dynamics of retrotransposons following autopolyploidy in the Buckler Mustard species complex." The Plant Journal 82.4 (2015): 621-631., @2015
7. Senerchia, Natacha, François Felber, and Christian Parisod. "Genome reorganization in F1 hybrids uncovers the role of retrotransposons in reproductive isolation." Proceedings of the Royal Society of London B: Biological Sciences 282.1804 (2015): 20142874., @2015
8. Alonso, Conchita, Ricardo Pérez, Pilar Bazaga, Mónica Medrano, and Carlos M. Herrera. "Within-plant variation in seed size and inflorescence fecundity is associated with epigenetic mosaicism in the shrub *Lavandula latifolia* (Lamiaceae)." Annals of botany (2017)., @2017 [Линк](#)
9. Cakmak, Buket, Sevgi Marakli, and Nermin Gozukirmizi. "Sukkula retrotransposon movements in the human genome." Biotechnology & Biotechnological Equipment (2017): 1-5., @2017 [Линк](#)
10. Dennenmoser, Stefan, Fritz J. Sedlazeck, Elzbieta Iwaszkiewicz, Xiang-Yi Li, Janine Altmüller, and Arne W. Nolte. "Copy number increases of transposable elements and protein coding genes in an invasive fish of hybrid origin." Molecular Ecology (2017)., @2017 [Линк](#)
11. Kalinka, Anna, Magdalena Achrem, and Paulina Poter. "The DNA methylation level against the background of the genome size and t-heterochromatin content in some species of the genus *Secale* L." PeerJ 5 (2017): e2889., @2017 [Линк](#)

12. N. Gozukirmizi, G. Yuzbasioglu, S. Yilmaz, DNA fingerprinting in rice (*Oryza sativa* L.) with transposon markers, *Acta Horticulturae*, 2017, 1187, 251, @2017 [Линк](#) 1.000
13. Parisod, Christian. "Profiling Transposable Elements and Their Epigenetic Effects in Non-model Species." *Plant Epigenetics*. Humana Press, Boston, MA, 2017. 243-250., @2017 [Линк](#) 1.000
14. Zhang, Zhongge, Chika Kukita, M. Zafri Humayun, and Milton H. Saier Jr. "Environment-directed activation of the *Escherichia coli* hDC operon by transposons." *Microbiology* 163.4 (2017): 554-569., @2017 [Линк](#) 1.000
15. Agrelius, Trenton, Jeffrey L. Dudycha, and James T. Morris. "Global DNA cytosine methylation variation in *Spartina alterniflora* at North Inlet, SC." *PloS one* 13.9 (2018): e0203230., @2018 1.000
16. Dal Grande, Francesco, et al. "The draft genome of the lichen-forming fungus *Lasallia hispanica* (Frey) Sancho & A. Crespo." *The Lichenologist* 50.3 (2018): 329-340., @2018 1.000
17. de Freitas Pereira, Maira, et al. "Secretome Analysis from the Ectomycorrhizal Ascomycete *Cenococcum geophilum*." *Frontiers in microbiology* 9 (2018): 141., @2018 1.000
18. Herrera, Carlos M., et al. "Transgenerational epigenetics: Inheritance of global cytosine methylation and methylation-related epigenetic markers in the shrub *Lavandula latifolia*." *American journal of botany* 105.4 (2018): 741-748., @2018 1.000
19. Lee, Sung-Il, et al. "Ty3/Gypsy retrotransposons in the Pacific abalone *Haliotis discus hannai*: characterization and use for species identification in the genus *Haliotis*." *Genes & genomics* 40.2 (2018): 177-187., @2018 [Линк](#) 1.000
20. Ma, Kaifeng, et al. "Identification of transposons near predicted lncRNA and mRNA pools of *Prunus mume* using an integrative transposable element database constructed from Rosaceae plant genomes." *Molecular Genetics and Genomics* (2018): 1-16., @2018 1.000
21. Stritt, Christoph, et al. "Recent activity in expanding populations and purifying selection have shaped transposable element landscapes across natural accessions of the Mediterranean grass *Brachypodium distachyon*." *Genome biology and evolution* 10.1 (2018): 304-318., @2018 1.000
22. Choudhury, Rimjhim Roy, et al. "Impact of polymorphic transposable elements on linkage disequilibrium along chromosomes." *Molecular ecology* 28.6 (2019): 1550-1562., @2019 [Линк](#) 1.000
23. Orozco-Arias, Simon, Gustavo Isaza, and Romain Guyot. "Retrotransposons in plant genomes: structure, identification, and classification through bioinformatics and machine learning." *International journal of molecular sciences* 20.15 (2019): 3837., @2019 [Линк](#) 1.000
24. Rogivue, Aude, et al. "Genome-wide variation in nucleotides and retrotransposons in alpine populations of *Arabis alpina* (Brassicaceae)." *Molecular ecology resources* 19.3 (2019): 773-787., @2019 [Линк](#) 1.000
25. Zucchi, Maria I., et al. "Patterns of Genome-Wide Variation, Population Differentiation and SNP Discovery of the Red Banded Stink Bug (*Piezodorus guildinii*)." *Scientific reports* 9.1 (2019): 1-11., @2019 [Линк](#) 1.000
26. Ghosh, Arnab, et al. "Identification and characterization of microRNAs (miRNAs) and their transposable element origins in the saltwater crocodile, *Crocodylus porosus*." *Analytical Biochemistry* (2020): 113781., @2020 1.000
27. Phan, Ngan Thi, et al. "Genome structure and content of the rice root-knot nematode (*Meloidogyne graminicola*)." *Ecology and evolution* 10.20 (2020): 11006-11021., @2020 1.000
28. Rastogi, Achal, et al. "A genomics approach reveals the global genetic polymorphism, structure, and functional diversity of ten accessions of the marine model diatom *Phaeodactylum tricorutum*." *The ISME journal* 14.2 (2020): 347-363., @2020 1.000
29. Wyler, Michele, et al. "Impact of transposable elements on methylation and gene expression across natural accessions of *Brachypodium distachyon*." *Genome biology and evolution* 12.11 (2020): 1994-2001., @2020 1.000
30. Flores-Ferrer, Alheli, et al. "The ecology of the genome and the dynamics of the biological dark matter." *Journal of Theoretical Biology* 518 (2021): 110641., @2021 1.000
31. Ibrahim, Mohanad A., et al. "Comparative analysis of transposable elements provides insights into genome evolution in the genus *Camelus*." *BMC genomics* 22.1 (2021): 1-16., @2021 1.000
32. Lebenzon, Jacqueline E., Alex S. Torson, and Brent J. Sinclair. "Diapause differentially modulates the transcriptomes of fat body and flight muscle in the Colorado potato beetle." *Comparative Biochemistry and Physiology Part D: Genomics and Proteomics* 40 (2021): 100906., @2021 1.000
33. Roulin, Anne. "*Anopheles coluzzii*, a new system to study how transposable elements may foster adaptation to urban environments." *Peer Community in Genomics* 1 (2021): 100006., @2021 1.000
34. Su, Yingjuan, et al. "High genetic and epigenetic variation of transposable elements: Potential drivers to rapid adaptive evolution for the noxious invasive weed *Mikania micrantha*." *Ecology and evolution* 11.19 (2021): 13501-13517., @2021 1.000
35. Tang, Xiangbei, et al. "Effects of sodium butyrate stimulation on immune-related mRNA-miRNA network in intestine of grass carp." *Aquaculture Research* 52.1 (2021): 309-322., @2021 1.000
36. Thieme, Michael, and Anne C. Roulin. "Identification of Active Transposable Elements in Plants: The Mobilome-Seq Approach." *Plant Transposable Elements*. Humana, New York, NY, 2021. 95-102., @2021 1.000

37. Liu, Jun-Xian, et al. "Isolation and Analysis of Reverse Transcriptase of Ty1-copia-Like Retrotransposons in Sugarcane." *Sugar Tech*, 2022, 1-20., @2022 1.000
38. Nedoluzhko A, Sharko F et al. "Intergeneric hybridization of two stickleback species leads to introgression of membrane-associated genes and invasive TE expansion". *Frontiers in Genetics*, , 13:863547, 2022, @2022 1.000

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## 2015

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3. **Georgieva M, Nikolova I, Bonchev G, Katerova Z, Todorova D.** A comparative analysis of membrane intactness and genome integrity in pea, barley and wheat in response to UVC-irradiation. *Turkish Journal of Botany*, 39, 6, TÜBİTAK - The Scientific and Technological Research Council of Turkey, 2015, ISSN:1300-008X, Scopus, Web of Science, DOI:10.3906/bot-1502-14, 1008-1013. SJR (Scopus):1.6, JCR-IF (Web of Science):1.178

Цитира се е:

39. Jaiswal V, Samant M, Kadir A, Chaturvedi K, Nawale AB, Mathe VL, Dongre PM. UV radiation protection by thermal plasma synthesized zinc oxide nanosheets. *Journal of Inorganic and Organometallic Polymers and Materials*, 27, 5, 1211-1219., @2017 [Линк](#) 1.000
40. Pfendler S, Einhorn O, Karimi B, Bousta F, Cailho D, Alaoui-Sosse L, Alaoui-Sosse B, Aleya L. UV-C as an efficient means to combat biofilm formation in show caves: evidence from the La Glacière Cave (France) and laboratory experiments. *Environmental Science and Pollution Research*, 2017, 24, 31, 24611-24623., @2017 [Линк](#) 1.000
41. Zhu M, Riederer M, Hildebrandt U. UV-C irradiation compromises conidial germination, formation of appressoria, and induces transcription of three putative photolyase genes in the barley powdery mildew fungus, *Blumeria graminis* f. sp. *hordei*. *Fungal Biology* 123, 218-230., @2019 [Линк](#) 1.000
42. Oh S, Kim BW, Kwak S, Park H, Rim H, Song U. Spatial distribution, growth conditions and local utilization for conservation strategy of an endangered species *Azolla japonica*. *J Plant Biol*, 64, 511–519., @2021 [Линк](#) 1.000

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## 2016

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4. **Bonchev G, Stereva L, Vassilevska-Ivanova R.** Retrotransposon-related genetic distance among inbred lines of sweet corn (*Zea mays* var. *saccharata*) and hybrid performance. *Plant Genetic Resources*, 5, 5, Cambridge University Press (CUP), 2016, ISSN:ISSN: 1479-2621 (Print), 1479-263X (Online), Science Citation Index Expanded, DOI:doi:10.1017/S1479262116000411, 1-9. ISI IF:0.442

Цитира се е:

43. Revilla P, Anibas CM, Tracy WF. Sweet corn research around the world 2015–2020. *Agronomy* 11, 3, 534; doi: 10.3390/agronomy11030534, @2021 [Линк](#) 1.000
5. **Bonchev G.** Useful parasites: the evolutionary biology and biotechnology applications of transposable elements. *Journal of Genetics*, 95, Springer, 2016, ISSN:0973-7731, Science Citation Index Expanded (SciSearch), Journal Citation Reports/Science Edition, Medline, DOI:DOI: 10.1007/s12041-016-0702-6, 1039-1052. SJR:1.594, ISI IF:1.093

Цитира се е:

44. Jeong, Hyeon-ju, Moon-Young Park, and Sunggil Kim. "Identification of chromosomal translocation causing inactivation of the gene encoding anthocyanidin synthase in white pomegranate (*Punica granatum* L.) and development of a molecular marker for genotypic selection of fruit colors." *Horticulture, Environment, and Biotechnology* 59.6, 857-864, 2018, @2018 1.000
45. Orozco-Arias, Simon, Gustavo Isaza, and Romain Guyot. "Retrotransposons in plant genomes: structure, identification, and classification through bioinformatics and machine learning." *International journal of molecular sciences* 20.15 (2019): 3837., @2019 [Линк](#) 1.000
46. Orozco-Arias, Simon, et al. "InpactorDB: a classified lineage-level plant LTR retrotransposon reference library for free-alignment methods based on machine learning." *Genes* 12.2 (2021): 190., @2021 1.000
47. Androsiuk, Piotr, et al. "The comparison of polymorphism among *Avena* species revealed by retrotransposon-based DNA markers and soluble carbohydrates in seeds." *Journal of Applied Genetics* (2023): 1-18., @2023 1.000

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## 2017

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6. **Bonchev G, Dusinsky R, Hauptvogel P, Svec M.** Patterns of evolutionary trajectories and domestication history within the genus *Hordeum* assessed by REMAP markers. *Journal of Molecular Evolution*, 8, 2-3, Springer, 2017, ISSN:ISSN: 1432-1432, Science Citation Index Expanded (SciSearch), Journal Citation Reports/Science Edition, Medline, Google Scholar,

Цумура се е:

48. Shao, Peng, et al. "Electronic Sports Sustainable Development of Probing into Digital Games, Teenage Domestication, and Mutual Construction." *Journal of Environmental and Public Health*, 2022, @2022 1.000

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## 2018

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7. **Bonchev G**, Willi Y. Accumulation of transposable elements in selfing populations of *Arabidopsis lyrata* supports the ectopic recombination model of transposon evolution. *New Phytologist*, 219, 2, New Phytologist Trust - Wiley, 2018, ISSN:1469-8137, Science Citation Index Expanded (Thomson Reuters), CAB Abstracts® (CABI), Academic Search (EBSCO Publishing), AGRICOLA Database (National Agricultural Library), DOI:10.1111/nph.15201,, 767-778. ISI IF:7.43

Цумура се е:

49. Koch, Marcus A. "The plant model system *Arabidopsis set* in an evolutionary, systematic, and spatio-temporal context." *Journal of experimental botany*, 70, 1, 55-67, @2018 [Линк](#) 1.000
50. Furman, Benjamin LS, et al. "Sex chromosome evolution: So many exceptions to the rules." *Genome Biology and Evolution* 12.6, 750-763, 2020, @2020 1.000
51. Kelleher, Erin S., Daniel A. Barbash, and Justin P. Blumenstiel. "Taming the Turmoil Within: New Insights on the Containment of Transposable Elements." *Trends in Genetics*, 2020, @2020 [Линк](#) 1.000
52. Langdon, Kirsty S., et al. "Maximising recombination across macadamia populations to generate linkage maps for genome anchoring." *Scientific reports* 10.1, 1-15, 2020, @2020 [Линк](#) 1.000
53. Singchat, Worapong, et al. "Snake W Sex Chromosome: The Shadow of Ancestral Amniote Super-Sex Chromosome." *Cells* 9.11: 2386, 2020, @2020 1.000
54. De Kort, Hanne et al. "Transposable elements maintain genome-wide heterozygosity in inbred populations." *Nature Communications* 13.1 (2022): 1-11., @2022 1.000

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## 2019

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8. **Bonchev G**, **Vassilevska-Ivanova R**. Fingerprinting the genetic variation and intergeneric hybrid dynamics in the family Asteraceae (genera *Helianthus*, *Echinaceae*, *Tagetes* and *Verbesina*) using iPBS markers. *Biologia*, Springer, 2019, ISSN:0006-3088 (Print) 1336-9563 (Online), SJR (Scopus):0.299, JCR-IF (Web of Science):0.728

Цумура се е:

55. Ongkarn V, Pornpongrueng P. Inter-primer binding site (iPBS) markers reveal the population genetic diversity and structure of tropical climbing *Cissampelopsis* (Asteraceae) in Thailand. *Biodiversitas Journal of Biological Diversity* 21, 9, @2020 [Линк](#) 1.000
56. Androsiuk, Piotr, et al. "The comparison of polymorphism among *Avena* species revealed by retrotransposon-based DNA markers and soluble carbohydrates in seeds." *Journal of Applied Genetics* (2023): 1-18, @2023 1.000
9. **Bonchev G**, Dušínský R, Hauptvogel H, Gaplovská-Kyselá K, Švec M. On the diversity and origin of the barley complex *agriocrithon* inferred by iPBS transposon markers. *Genetic Resources and Crop Evolution*, 66, 7, Kluwer Academic Publishers, 2019, ISSN:ISSN: 0925-9864, DOI:https://doi.org/10.1007/s10722-019-00814-5, 1573-1586. SJR (Scopus):0.54, JCR-IF (Web of Science):1.294

Цумура се е:

57. Vanijajiva, Ongkarn, and Pornpongrueng, Pimwadee "Inter-primer binding site (iPBS) markers reveal the population genetic diversity and structure of tropical climbing *Cissampelopsis* (Asteraceae) in Thailand". *Biodiversitas Journal of Biological Diversity* 21.9, 2020, @2020 [Линк](#) 1.000
58. Androsiuk, Piotr, et al. "Retrotransposon-based genetic diversity of *Deschampsia antarctica* Desv. from King George Island (Maritime Antarctic)." *Ecology and evolution* 11.1 (2021): 648-663., @2021 1.000
59. Zhou, Yu et al. "Transcriptome and Metabolite Insights into Domestication Process of Cultivated Barley in China." *Plants* 11.2 (2022): 209., @2022 1.000
60. Androsiuk, Piotr, et al. "The comparison of polymorphism among *Avena* species revealed by retrotransposon-based DNA markers and soluble carbohydrates in seeds." *Journal of Applied Genetics* (2023): 1-18., @2023 1.000

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## 2021

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10. **Georgieva M, Bonchev G, Zehirov G, Vasileva V, Vassileva V.** Neonicotinoid insecticides exert diverse cytotoxic and genotoxic effects on cultivated sunflower. *Environmental Science and Pollution Research*, 28, 38, Springer Nature, 2021, DOI:10.1007/s11356-021-14497-y, 53193-53207. SJR (Scopus):0.845, JCR-IF (Web of Science):5.19

Цитира се е:

61. Olivares-Castro G, Cáceres-Jensen L, Guerrero-Bosagna C, Villagra C. Insect epigenetic mechanisms facing anthropogenic-derived contamination, an overview. *Insects* 12, 9, 780, <https://doi.org/10.3390/insects12090780>, @2021 [Линк](#) 1.000
62. Schuhmann A, Schmid AP, Manzer S, Schulte J, Scheiner R. Interaction of insecticides and fungicides in bees. *Frontiers in Insect Science* 23, @2022 [Линк](#) 1.000
63. Georgieva, Mariyana, and Valya Vassileva. "Stress Management in Plants: Examining Provisional and Unique Dose-Dependent Responses." *International Journal of Molecular Sciences* 24.6 (2023): 5105., @2023 [Линк](#) 1.000

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## 2022

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11. **Manova V, Stoyanova Z, Rodeva R, Boycheva I, Korpelainen H, Vesterinen E, Wirta H, Bonchev G.** Morphological, pathological, and genetic diversity of *Colletotrichum* species pathogenic on Solanaceous vegetable crops in Bulgaria. *Journal of Fungi*, 8, 11, MPDI, 2022, ISSN:2309-608X, DOI:<https://doi.org/10.3390/jof8111123>, JCR-IF (Web of Science):5.724

Цитира се е:

64. Yarmeeva, Maria, et al. "Colletotrichum Species on Cultivated Solanaceae Crops in Russia." *Agriculture* 13.3 (2023): 511., @2022 [Линк](#) 1.000
12. Korchanova Z, Svec M, Janakova E, Lampar A, Majka M, Holusova K, **Bonchev G**, Juracka J, Capal P, Valarik M. Identification, high-density mapping, and characterization of new major powdery mildew resistance loci from the emmer wheat landrace GZ1. *Frontiers in Plant Science*, 13, Frontiers Media S.A., 2022, DOI:<https://doi.org/10.3389/fpls.2022.897697>, SJR (Scopus):1.36, JCR-IF (Web of Science):6.627

Цитира се е:

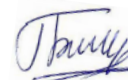
65. Ociepa, Tomasz, and Sylwia Okoń. "Chromosomal Location of Pm12—A Novel Powdery Mildew Resistance Gene from *Avena sterilis*." *Genes* 13.12 (2022): 2409., @2022 1.000
13. Aneva I, Zhelev P, **Bonchev G, Boycheva I, Simeonova S**, Kancheva D. DNA barcoding study of representative *Thymus* species in Bulgaria. *Plants (Basel)*, 11, 3, MDPI, 2022, ISSN:EISSN 2223-7747, DOI:<https://doi.org/10.3390/plants11030270>, JCR-IF (Web of Science):4.658

Цитира се е:

66. Sevindik, Emre, and Zehra Tuğba Murathan. "DNA Barcoding and Sequence Analysis of the cpDNA rbc L Region in Some *Pyrus communis* L.(Rosaceae) Genotypes from Ardahan/Türkiye." *Erwerbs-Obstbau* (2023): 1-6., @2023 [Линк](#) 1.000

10.04.2023  
гр. София

Подпис:



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