Списък на цитиранията в издания, реферирани в Web of Science и SCOPUS на научните трудове на

гл. ас. д-р Светла Петкова Гатева, предоставени във връзка с участието в конкурс за академичната длъжност „доцент” по професионално направление 4.3. Биологически науки, научна специалност "Генетика"

Цитирания в Web of Science и SCOPUS- 60

Цитирания с IF - 52

2006

1. **Gateva S. P., Yonova P. A., Jovtchev G., Stergios M. L., Kulekova S. S. (2006). The protective effect of newly synthesized compounds against the action of UV-C irradiation on human lymphocytes *in vitro*. Radiation biology. Radioecology. (Radiatsionnaya Biologiya Radioekologiya) 46, (4), 415-419, ISSN: 0869-8031, Наука, ISI, (SJR2006=0,117). https://www.scimagojr.com/journalsearch.php?q=17841&tip=sid**

Цитира се в:

1. Pereira B. K., Rosa R. M., da Silva J., Guecheva T. N., de Oliveira I. M., Ianistcki M., Benvegnú V. C., Furtado G. V., Ferraz A., Richter M. F., Schroder N., Pereira A. B., Henriques J. A. P. (2009). Protective effects of three extracts from Antarctic plants against ultraviolet radiation in several biological models. Journal of Photochemistry and Photobiology B: Biology, 96, 2, 117-129, doi:10.1016/j.jphotobiol.2009.04.011, ISSN:1011-1344, **(IF = 1.838), Q1, Scopus**
2. Kipryushina Y. O., Lukyanov P. A., Odintsova N. A. (2010). Effect of Mytilan on the UV Radiation Resistance of Marine Invertebrate Larvae and Human Lymphocytes, Russian Journal of Marine Biology, 36, 4, 305–310, ISSN: 1063-0740, https://www.researchgate.net/publication/225178784_Effect_of_mytilan_on_the_UV-radiation_resistance_of_marine_invertebrate_larvae_and_human_lymphocytes, **(IF = 0,4), Q4, Scopus**

2008

2. **Gateva S., Kulekova S. (2008). Chromosome aberrations and apoptosis induced by paraquat corresponding with cell cycle delay in human lymphocytes *in vitro*. J. Envir. Prot. and Ecol. 9, (3), 212-218. ISSN: 1311-5065, ISI, (SJR2009= 0,113).**

Цитира се в:

3. Altikat S., Terzi, I., Kuru, H.I., Kocacaliskan, I. (2013). Allelopathic effects of juglone on growth of cucumber and muskmelon seedlings with respect to antioxidant enzyme activities and lipid peroxidation. Journal of Environmental Protection and Ecology. 14, (3 A), 1244-1253, https://www.researchgate.net/publication/285878697_Allelopathic_effects_of_juglone_on_growth_of_cucumber_and_muskmelon_seedlings_with_respect_to_antioxidant_enzyme_activities_and_lipid_peroxidation, **(IF=0.338), Q4, Scopus**
4. Terzi I., Kocacaliskan I., Demir Y. (2013). Allelopathic effects of some tree leaf extracts on seed germination and seedling growth of Turf grasses. Journal of Environmental Protection and Ecology. 14, (3 A), 1236-1243, **(IF=0.338), Q4, Scopus**
5. Onur B., Çavuşoğlu K., Yalçin E., Acar A. (2022). Paraquat toxicity in diferent cell types of Swiss albino mice. Scientifc Reports. 12, 4818, https://doi.org/10.1038/s41598-022-08961-z. **(IF= 4.379), Q1, Scopus**

2010

3. **Jovtchev G., Gateva S., Stergios M., Kulekova S. (2010). Cytotoxic and genotoxic effects of paraquat in *Hordeum vulgare* and human lymphocytes *in vitro*. Evironm.Toxicol. 25 (3), 294-303, DOI: 10.1002/tox.20503, ISSN 1520-4081 (print) ISSN 1522-7278, Wiley (IF2010=1.83). Q2, Scopus**

Цитира се в:

6. Federico C., Motta S., Palmieri C., Pappalardo M., Librando V., Saccone S. (2011). Phenylurea herbicides induce cytogenetic effects in Chinese hamster cell lines. Mutation Research 721, 89–94, DOI:10.1016/j.mrgentox.2010.12.013. **(IF= 0.429), Scopus**
7. Al-zahrani N.H., Alamoudi K.H., Salha M. Al-shamrani (2012). Cytogenetic and molecular variation on *Vicia faba* treated with creatine monohydrate. Life Science Journal 9 (3) , 584-590. http://www.lifesciencesite.com/lsj/life0903/082_9726life0903_584_590.pdf **(IF = 0.254). Scopus**

8. Krivokapic J. (2012). Cytogenetic evaluation of fexofenadine hydrochloride effects in human lymphocytes culture. HealthMED journal 6 (4), 1429-1436, ISSN: 18402291. **Scopus**

9. Spiewak R. (2012). Pesticides and skin diseases in man. Pesticides, Chapter 16. In: Pesticides. Evaluation of Environmental pollution. (Eds. Ratore H. S, Nollet M. L. N.) CRC Press, Taylor and Francis group. Boca Raton FL ISBN 13:978-1-4398-3625-5 (e-Book-PDF) p. 525-542. Print ISBN: 978-1-4398-3624-8, eBook ISBN: 978-1-4398-3625-5, DOI: 10.1201/b11864-23. https://books.google.bg/books?id=WjnNBQAAQBAJ&pg=PA539&lpg=PA539&dq=gateva+S.&source=bl&ots=fdnVLCuGcw&sig=66HbuJSOObm2i77ko1W-SUdnwWc&hl=en&sa=X&ei=1mjcVPXzFoSxacf7gJAD&ved=0CDoQ6AEwCDgK#v=onepage&q=gateva%20S.&f=false. **Scopus**

10. Aksakal O., Erturk F.A., Sunar S., Bozari S., Agar G. (2013). Assessment of genotoxic effects of 2,4-dichlorophenoxyacetic acid on maize by using RAPD analysis. Industrial Crops and Products 42: 552–557, http://dx.doi.org/10.1016/j.indcrop.2012.06.038, **(IF 2013= 3.81). Scopus**

11. Aksakal O. (2013). Assessment of paraquat genotoxicity on barley (*Hordeum vulgare* L.) seedlings using molecular and biochemical parameters, Acta Physiologiae Plantarum. 35, 7, 2281. https://link.springer.com/article/10.1007/s11738-013-1265-2 **(IF 2013= 1.935), Q2, Scopus**

12. Valencia-Quintana R., Sánchez Alarcón S., Gómez-Arroyo S., Cortés Eslava J., Waliszewski S., Fernández S., Villalobos-Pietrini R. (2013). Genotoxicidad de plaguicidas en sistemas vegetales. Rev. Int. Contam. Ambie. 29 (Número especial sobre plaguicidas) 133-157, ISSN: 0188-4999**.** file:///C:/Users/ACER/Downloads/41611-Texto%20del%20art%C3%ADculo-**108394**-1-10-20131001.pdf, **(IF= 0.333), Scopus**

13. Muangphra P., Kwankua M., Gooneratne R. (2014). Genotoxic effects of glyphosate or paraquat on earthworm *coelomocytes*. Environmental Toxicology, 2014, 29, 2. 612-620, DOI: 10.1002/tox.21787. **(IF 2014= 2.536), Q2, Scopus**

14. Teng H., Zhang Y., Ning J., Ren B., Shi S., Zhao L. (2014). Photocatalytic degradation of paraquat in water with titanate nanotubes. Chinese Journal of Environmental Engineering. 8, (3), 815-820. http://hjhx.rcees.ac.cn/en/article/id/20140303, (**SJR =0.122), Scopus**

15. Kumar S., Kirha T. J., Thonger T. (2014). Toxicological effects of sodium dodecyl sulfate. Journal of Chemical and Pharmaceutical Research, 6(5), 1488-1492. https://www.jocpr.com/articles/toxicological-effects-of-sodium-dodecyl-sulfate.pdf, (**IF= 0.21), Q2, Scopus**

16. Díaz S., -González A. M., Cubas L., Ortega R., Amaro F. Martín D. R. (2016). High resistance of *Tetrahymena thermophila* to paraquat: Mitochondrial alterations, oxidative stress and antioxidant genes expression. Chemosphere 144, 909-917. doi: 10.1016/j.chemosphere.2015.09.010, **(IF2017=4.56), Q1, Scopus**

17. Farhadian N., Behin J. (2017). Degradation of 2,4-Dichlorophenoxyacetate isopropyl amine (2,4-D IPA) by O3/AC/UV in an internally slurry airlift photo-reactor, Environmental Technology, 38, 24, 3180-3191, DOI: 10.1080/09593330.2017.1291757. **(IF=1.666), Q2, Scopus**

18. Lazalde-Ramos B. P., Zamora-Pérez A. L., Sosa-Macías M., Galaviz-Hernández C., Zúñiga-González G. M. (2017). Micronuclei and nuclear anomalies in Mexico's indigenous population. Salud pública de México, 59, 5, 532-539. https://saludpublica.mx/index.php/spm/article/view/8318/11333**, (IF=1.396), Q2, Scopus**

19. Ruiz-Guzman J. A., ´ Gomez-Corrales P., ´ Cruz-Esquivel A., ´ Marrugo-Negrete J. e L. (2017). Cytogenetic damage in peripheral blood lymphocytes of children exposed to pesticides in agricultural areas of the department of Cordoba, Colombia. Mutation Research/Genetic Toxicology and Environmental Mutagenesis, 824, 25-31 **(IF=1.996), Q2** https://doi.org/10.1016/j.mrgentox.2017.10.002. **Scopus**

20. Tajai P., Fedeles B. I., Suriyo T., Navasumrit P., Kanitwithayanun J., Essigmann J. M., Satayavivad J. (2018). An engineered cell line lacking OGG1 and MUTYH glycosylases implicates the accumulation of genomic 8-oxoguanine as the basis for paraquat mutagenicity. Free Radical Biology and Medicine. 116, 64-72. doi: 10.1016/j.freeradbiomed.2017.12.035 **(IF=6.020), Q1,** https://www.sciencedirect.com/science/article/pii/S089158491731287X, **Scopus**

21. Kus A., Kwasniewska J., Szymanowska-Pułka J., Hasterok R. (2018). Dissecting the chromosomal composition of mutagen-induced micronuclei in *Brachypodium distachyon* using multicolour FISH. Annals of Botany 122, 7, 1161–1171, doi: 10.1093/aob/mcy115, **(IF=4.041), Q1, Scopus**.

22. Tajai P., Suriyo T., Rangkadilok N., Fedeles B. I, Essigmann J. M., Satayavivad J. (2021). Andrographolide, an Antioxidant, Counteracts Paraquat Induced Mutagenesis in Mammalian Cells. Asian Pacific Journal of Cancer Prevention. 22, 3-8, DOI:10.31557/APJCP.2021.22.S1.3 (**IF= 1.583)**, **SJR 0.5, Q2,** http://journal.waocp.org/article_89193_cb26dd80bbb7a405b00f023580eb6cec.pdf **Scopus**

23. Mercado S.A.S., Caleño J.D.Q. (2021). Use of *Lens culinaris* Med test as environmental bioindicator to identify the cytogenotoxic effect of paraquat pesticide. Environ Sci Pollut Res. 28, 51321–51328, https://doi.org/10.1007/s11356-021-14352-0 **(IF=3.056), Q2, Scopus**

24. Bara A. W., Braszewska A., Kwasniewska J. (2021). DNA Methylation—An Epigenetic Mark in Mutagen-Treated Brachypodium distachyon Cells. Plants. 10, 7, 1408. https://doi.org/10.3390/plants10071408. **(IF=3.935). Q1,** https://www.mdpi.com/2223-7747/10/7/1408/htm, **Scopus**

25. Melendez- Florez M. P., Valbuena D. S., Cepeda S., Rangel N., Forero-Castro M., - Martinez –Agüero M., Rondyn- Lagos M. (2022). Profile of Chromosomal Alterations Chromosomal Instability and Clonal Heterogeneity in Colombian Farmers Exposed to Pesticides. Front. Genet. 13, Art. 820209,

doi: 10.3389/fgene.2022.820209. **(IF=3.789), Q2,** https://www.frontiersin.org/articles/10.3389/fgene.2022.820209/full, **Scopus**

2012

4. **Gateva S, Jovtchev G, , Stergios M, Yonova P (2012) The potential of synthetic thiourea compound to reduce the cytotoxic and genotoxic effects of paraquat in *Hordeum vulgare* and cultured human lymphocytes. Environmental Toxicology, 27, (4), 220-228. DOI:10.1002/tox.20633, (IF2012=2,410).**

Цитира се в:

26. Srivastava A.K., Srivastava S., Suprasanna P., D'Souza S.F. (2011). Thiourea orchestrates regulation of redox state and antioxidant responses to reduce the NaCl-induced oxidative damage in Indian mustard (*Brassica juncea* (L.) Czern.), Plant Physiology and Biochemistry 49, 676-686, (**IF=3.296)**, **Q1,** DOI:10.1016/j.plaphy.2011.02.016, **Scopus**
27. Mbiya W., Choi B., Martincigh B. S., Morakinyo M. K., Simoyi R. H. (2013). Oxyhalogen-Sulfur Chemistry: Kinetics and Mechanism of Oxidation of N-Acetyl Homocysteine Thiolactone by Acidified Bromate and Aqueous Bromine. J Phys. Chem. A, 117 (49), 13059–13069, (**IF = 4.835)**, **Q2,** DOI: 10.1021/jp408304e, **Scopus**
28. Benzarti M., Rejeb K. B., Messedi D., Abdelly C., Debez A. (2015). Involvement of nitrogen in salt resistance of Atriplex portulacoides is supported by split-root experiment data and exogenous application of N-rich compounds, Journal of Plant Nutrition and Soil Science, 178, 2, 312-319, **(IF= 1.995**), **Q2,** DOI: 10.1002/jpln.201400418. **Scopus**

2013

5. **Gateva S., Jovtchev G., Stergios M. (2013). Cytotoxic and clastogenic activity of $CdCl_2$ in human lymphocytes from different donors. Environ Toxicol Pharmacol, 36(1), 223-230, https://doi.org/10.1016/j.etap.2013.03.021, (IF= 2,244),**

Цитира се в:

29. Arai Y., Hayakawa K., Arai D., Ito R., Iwasaki Y., Saito K., Akutsu K., Takatori S., Ishii R., Hayashi R., Izumi S-Ic., Sugino N., Kondo F., Horie M., Nakazawa H., Makino T., Hirosawa M., Shiota K., Ohgane J. (2015). Putative Epimutagens in Maternal Peripheral and Cord Blood Samples Identified Using Human Induced Pluripotent Stem Cells. BioMed Research International. Hindawi Publishing Corporation, Vol. 2015, Article ID: 876047. Pages 13.https://doi.org/10.1155/2015/876047 **(IF2015=2.492), Q2, Scopus**

30. Chopikashvili L., Tsidaeva T., Skupnevsky S., Pukhaeva E., Bobyleva L., Kurua F. (2016). Genetic health of the human population as a reflection of the environmental: Cytogenetic analysis. In:Temperate crop science and breeding. Ecological and genetic studies. (Eds. Bekuzarova S., Bome N., Opalko A., Weisfeld E.) CRC Press, Taylor and Francis group. Roca Baton. Canada. ISBN: 978-1-77178-229-3 https://books.google.bg/books?id=ohfYCwAAQBAJ&pg=PA302&lpg=PA302&dq=Gateva+lymphocytes&source=bl&ots=TdtlchCqIE&sig=Aj_R3xWvhzqYPUMBmrHQR7YNUJo&hl=en&sa=X&ved=0ahUKEwivxeGB2PTLAhUKDZoKHWC_Au0Q6AEITjAJ#v=onepage&q=Gateva%20lymphocytes&f=false, (**WoS)**
31. Rodríguez-Mercado J. J., Mosqueda-Tapia G., Altamirano-Lozano M. A. (2017). Genotoxicity Assessment of Human Peripheral Lymphocytes Induced by Thallium (I) and Thallium (III). Toxicological & Environmental Chemistry. 99, (5-6), 987-998, **(IF=0.935), Q3** DOI: https://doi.org/10.1080/02772248.2017.1307377, **Scopus**

2014

6. **Gateva S., Jovtchev G., Stankov A., Gregan F. (2014). Antigenotoxic capacity of *Papaver rhoeas* L. extract. International Journal of Pharmacy and Pharmaceutical Sciences, 6, 1, 717-723, ISSN: 0975 – 1491, (SJR= 0.316).**

Цитира се в:

32. Gahreeb A., Hijazy H., Salah R. (2014). Anticlastogenic effect of phycocyanin pigment on the mutagenicity induced by curzate fungicide in *Vicia* faba plants. Plant Cell Biotechnology and Molecular Biology, 15 (1-2), 75-89. https://www.scopus.com/record/display.uri?eid=2-s2.0-85028503388&origin=resultslist&sort=plf-f&cite=2-s2.0-84891946716&src=s&imp=t&sid=d2f3d4d80f2ace1fb280966e722ffb0b&sot=cite&sdt=a&sl=0&relpos=5&citeCnt=0&searchTerm=&featureToggles=FEATURE_NEW_DOC_DETAILS_EXPORT:1,FEATURE_EXPORT_REDESIGN:0, (**SJR = 0.101), Scopus**
33. Todorova T., Pesheva M., Gregan F., Chankova S. (2015). Antioxidant, Antimutagenic, and Anticarcinogenic Effects of *Papaver rhoeas* L. Extract on *Saccharomyces cerevisiae*. Journal of Medicinal Food, 18(4),460-467, doi:10.1089/jmf.2014.0050. (**IF=1.70), Scopus**
34. Ghizlane H., Aziz B. (2016). Pharmacological properties of some medicinal plants, its components and using fields. Chapter 3. In: Fruits, Vegetables, and Herbs: Bioactive Foods in Health Promotion, (Eds. Watson R. S., Preedy V.

R.), Elsevier Inc. 41-56, DOI: 10.1016/B978-0-12-802972-5.00003-2, ISBN: 978-012802989-3;978-012802972-5, **Scopus**

35. Hijazi M. A., Aboul-Ela M., Bouhadir K., Fatfat M., Khalife H., Ellakany A., Gali-Muhtasi H. (2017). Cytotoxic Activity of Alkaloids from *Papaver rhoeas* growing in Lebanon. Records of Natural Products. 11, 2, 211-216. https://www.acgpubs.org/doc/2018080513390826-RNP-1604-368.pdf, (**IF=1.5), Q2, Scopus**
36. Hijazi M. A., El-Mallah A., Aboul-Ela M., Ellakany A. (2017). Evaluation of Analgesic Activity of *Papaver libanoticum* Extract in Mice: Involvement of Opioids Receptors. Evidence-Based. Complementary and Alternative Medicine. https://www.hindawi.com/journals/ecam/aip/8935085/. Vol. 2017, Article ID:8935085, 13 pages, https://doi.org/10.1155/2017/8935085, **(IF=2.107), Scopus**
37. 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., del Mar Contreras M., Sharifi-Rad J., Cho W. C. (2022). Papaver Plants: Current Insights on Phytochemical and Nutritional Composition Along with Biotechnological Applications. Hindawi, Oxidative Medicine and Cellular Longevity, Vol. 2022, ID 2041769, 23 pages, https://doi.org/10.1155/2022/2041769p, **(IF=5,60), Scopus**

2016

7. **Jovtchev G, Gateva SP, Stankov AP. (2016). Lilium compounds kaempferol and jatropham can modulate cytotoxic and genotoxic effects of radiomimetic zeocin in plants and human lymphocytes *in vitro*. Environmental Toxicology, DOI:10.1002/tox.22088, 31, 6, 751–764, ISSN: 1522-7278,** (**IF 2016= 2.602**).

Цитира се в:

38. Lemes S. R., Chaves D. A., Da Silva Junior N. J., Carneiro C.C., Chen-Chen,L., De Almeida L. M., Gonçalves P. G., De Melo-Re P. R. (2017). Antigenotoxicity protection of *Carapa guianensis* oil against mitomycin C and cyclophosphamide in mouse bone marrow. Anais da Academia Brasileira de Ciências, 89, (3 Suppl), 2043-2051 http://dx.doi.org/10.1590/0001-3765201720150797, **(IF=1.169), Q1, Scopus**
39. Nagy S., Szigetvári Á., Ilkei V., Krámos B., Béni Z., Szántay C. Jr., Hazai L. (2021). Synthesis of aminal-type *Lilium candidum* alkaloids and lilaline; determination of their relative configuration by the concerted use of NMR spectroscopy and DFT conformational analysis. Tetrahedron. 81, 131827, https://doi.org/10.1016/j.tet.2020.131827. (**IF=2.289**), **Q2** https://reader.elsevier.com/reader/sd/pii/S0040402020310759?token=A3481EEB7834605C8C36ECACE3F07EFE7E6F0A840F5E66EE0720C44DCD5FEEF0

B7BDDE6FACE65317F08830163C3C003F&originRegion=eu-west-1&originCreation=20210823202031, **Scopus**

40. Zhou J., An R, Huang X. (2021). Genus Lilium: A review on traditional uses, phytochemistry and pharmacology. J. Etnopharmacology. 270, 113852, https://doi.org/10.1016/j.jep.2021.113852, (**IF=3,650**), **Q2** https://www.sciencedirect.com/science/article/abs/pii/S0378874121000787, **Scopus**

2019

8. Gateva S., Jovtchev G., Stankov A., Georgieva A., Dobreva A., Mileva M. (2019). The potential of geraniol to reduce cytotoxic and genotoxic effects of MNNG in plant and human lymphocyte test-systems. South African Journal of Botany, 123, 170-179, DOI:10.1016/j.sajb.2019.03.005, Elsevier, ISSN:0254-6299, ISI (**IF2019= 1.846**), **Q2**

Цитира се в:

41. Mohammed M.J., Tadros M.G., Michel H.E. (2020). Geraniol protects against cyclophoshamidr – induced jepatoxicity in rats: Possible role of MAPK and PSAR- γ signaling pathways. Food and Chemical Toxicology 139, ID: 111251, DOI: 10.1016/j.fct.2020.111251, Elsevier, ISSN: 0278-6915, (**IF= 3.775)**, **Q1**, **Scopus**
https://www.sciencedirect.com/science/article/abs/pii/S0278691520301393?via%3Dihub

42. Islam M, T., Quispe C., Mubarak M. S., Salehi B., Reiner Z., Martorell M., Sharifi-Rad J., Setzer W. N. (2021). Protective Effects of Natural Products and Their Derivatives on Genetic Material: A Critical Review. Records of Natural Products 15(6), 433-462. (**IF=1.738)**, **Q2** DOI: 10.25135/rnp.228.20.11.1871. https://www.acgpubs.org/doc/20210528165332A2-228-RNP-2011-1871.pdf, **Scopus**

43. Mamur S. (2021). Geraniol, a natural monoterpene, identifications of cytotoxic and genotoxic effects in vitro. Journal of Essential Oil Research, 34, (1), 54-64, https://doi.org/10.1080/10412905.2021.1974581, **(IF=1.148), SJR=36, Q3 Scopus**

44. Nisar R., Batool Z., Inamullah A., Ghalib A. U.F., Nisar H., Emad S., Haider S. (2022). Dose-dependent alteration of neurobehavioral activities by geraniol a component of essential oil: A study in rats. Pak. J. Pharm. Sci., 35, 1(Suppl), 239-245. http://www.pjps.pk/wp-content/uploads/pdfs/35/1/Supplementary/11-SUP-1838.pdf **(SJR=0.22), Q3, Scopus.**

45. Rogerio C. B., Abrantes D. C., de Oliveira J. L., de Araújo D. R., da Costa T. G., de Lima R., Fraceto L. F. (2022). Cellulose Hydrogels Containing Geraniol and Icaridin Encapsulated in Zein Nanoparticles for Arbovirus Control. ACS

Applied Bio Materials. 5, (3), 1273–1283, https://doi.org/10.1021/acsabm.1c01286, **(IF=3,25), Q1**, **Scopus**

46. Tahya C. Y, Kolo S. M. D., Karnelasatri (2022). Antimicrobial and antioxidant properties of *Cymbopogon Nardus* L (citronella grass) oil from Kefamenamu, Timor Tengah Utara Regency, Indonesia. AIP Conference Proceedings 2391, 050003 https://doi.org/10.1063/5.0073012, Published Online: 24 March 2022, (**SJR2020=0,18**), **Scopus**
47. Pereira P.S., Oliveira C.V.B., Maia A.J., Vega-Gomez M.C., Rolón M., Coronel C., Duarte A.E., Coutinho H.D.M., Siyadatpanah A., Norouzi R., Sadati S.J.A., Wilairatana P., Silva T.G. (2022). Evaluation of the In Vitro Antiparasitic Effect of the Essential Oil of *Cymbopogon winterianus* and Its Chemical Composition Analysis. Molecules 27, 2753. https://doi.org/ 10.3390/molecules27092753, **(IF=4.412), Q1, Scopus**

2020

9. Gateva S., Jovtchev G., Chanev C., Georgieva A., Stankov A., Dobreva A., Mileva M. (2020). Assessment of anti-cytotoxic, anti-genotoxic and antioxidant potential of Bulgarian *Rosa alba* L. essential oil. Caryologia: International Journal of Cytology, Cytosystematics and Cytogenetics, 73, 3, 71-88, Firenze University Press, ISSN:2165-5391, DOI:10.13128/caryologia-260, SJR 0.319, (IF2020=0.968), Q3, Scopus

Цитира се в:

48. Venkatesha K.T., Gupta A., Rai A., Jambhulkar S. J., Bisht R., Padalia R. C. (2022). Recent developments, challenges, and opportunities in genetic improvement of essential oil-bearing rose (*Rosa damascena*): A review. Industrial Crops and Products, 184, 114984, https://doi.org/10.1016/j.indcrop.2022.114984 (**IF= 5.645), Q1, Scopus**

10. Angelova Ts., Tyutyundzhiev N., Angelov C., Gateva S., Jovtchev G. (2020). Induction of micronuclei after prolonged UV irradiation of Poaceae species cultivated in laboratory conditions and wild –growing in Rila Mountain. RAD Conference Proceedings, vol. 4, 39–44, doi: 10.21175/RadProc.2020.08, ISSN: 2466-4626 (online), (SJR2021=0,11), Scopus

Цитира се в:

49. Çavuşoğlu D., Macar T. K., Macar O., Yalçın E., Çavuşoğlu K, (2021). Extenuating role of lycopene against 254-nm UV-C radiation-mediated damages in *Allium cepa* L. roots. Environmental Science and Pollution Research, 28, 47429–47438, https://doi.org/10.1007/s11356-021-14047-6, **(IF=4.223), Q1, Scopus**

2021

11. Mileva, M, Ilieva, Y., Jovtchev, G., Gateva, S., Zaharieva, M., Georgieva, A., Dimitrova, L., Dobreva, A., Angelova, T., Vilhelmova – Ilieva, N., Valcheva, V., Najdenski, H. (2021). Rose flowers - a delicate perfume or a natural healer? Biomolecules. 11, (1), 127, https://doi.org/10.3390/biom11010127, (IF=6.064), Scopus, Q2

Цитира се в:

50. Bottoni M., Milani F., Galimberti P.M., Vignati L., Romanini P.L., Lavezzo L.,Martinetti L., Giuliani C., Fico G. (2021). Ca'Granda, *Hortus simplicium*: Restoring an Ancient Medicinal Garden of XV–XIX Century in Milan (Italy). Molecules, 26, 6933. https://doi.org/10.3390/molecules2622693, (**IF=4.411)**, **Q1, Scopus**

51. Younis I.Y., El-Hawary S. S., Eldahshan O. A., Abdel-Aziz M. M., Ali Z.Y. (2021). Green synthesis of magnesium nanoparticles mediated from Rosa foribunda charisma extract and its antioxidant, antiaging and antibioflm activities. Scientifc Reports. 11, 16868, https://doi.org/10.1038/s41598-021-96377-6, (**IF=4.379), Q1** https://www.nature.com/articles/s41598-021-96377-6.pdf, **Scopus**

52. Yousefi B., Shahbazi K., Khamisabady H., Gheitury M. (2021). Assessment of variability of essential oil components in different accessions of Damask rose (*Rosa damascena* Mill.) by multivariate analysis. Trends in Phytochemical Research. 5(4), 199-208, https://dx.doi.org/10.30495/tpr.2021.1940496.1222, **(IF=3.373),** https://www.magiran.com/paper/2369132/?lang=en**, Scopus,**

53. Alborzi S. S., Roosta A. (2022). The effect of different solvents on the production of rose concrete and rose absolute, experimental study and thermodynamic aspects using the UNIFAC model. Chem. Engin. Res. Des. 184, 326–337. https://doi.org/10.1016/j.cherd.2022.06.017, https://www.sciencedirect.com/science/article/pii/S0263876222002982?via%3Dihub**(IF=4, 119)**, **Q1, Scopus**

54. Bashir A., Ahmad T., Farooq S., Lone W. I., Manzoor M. M., Nalli Y., Sultan P., Chaubey A., Ali A., Riyaz-Ul-Hassan S. (2022). A Secondary Metabolite of Cercospora sp., Associated with *Rosa damascena* Mill., Inhibits Proliferation, Biofilm Production, Ergosterol Synthesis and Other Virulence Factors in *Candida albicans*. Microbial Ecology https://doi.org/10.1007/s00248-022-02003-x. **(IF=4.552), Q1, Scopus**

55. Bentley P.R., Fisher G. C., Dallimer M., Fish R.D., Austen G. E., Irvine K. N., Davies Z. G. (2022). Nature, smells, and human wellbeing. Ambio, 2022, https://doi.org/10.1007/s13280-022-01760-w (IF= **6.943), Q1, Scopus.**

56. Galal T.M., Al-Yasi H.M., Fawzy M.A., Abdelkader T.G., Hamza R.Z., Eid E.M., Ali E.F. (2022). Evaluation of the Phytochemical and Pharmacological Potential of Taif's Rose (*Rosa damascena* Mill var. trigintipetala) for Possible

Recycling of Pruning Wastes. Life 12, 273, **(IF=3.817), Q1,** https://doi.org/10.3390/life12020273, **Scopus**

57. Li M., Zhang Y., Xi H., Fu Y., Wang H., Zhang Y., Sun S. (2022). Characterization of Rose Essential Oils by Double-Region Atmospheric Pressure Chemical Ionization Mass Spectrometry (DRAPCI-MS) with Principal Component Analysis (PCA), Hierarchical Cluster Analysis (HCA), and Heatmap Analysis. Analitical Letters, 55, (15), 2382-2393, https://doi.org/10.1080/00032719.2022.2055563, **(IF=2.329), Q3, Scopus**

58. Katekar V.P., Rao A.B., Sardeshpande V.R. (2022). Review of the rose essential oil extraction by hydrodistillation: An investigation for the optimum operating condition for maximum yield. Sustainable Chemistry and Pharmacy 29, 100783, https://doi.org/10.1016/j.scp.2022.100783, Elsevier October 2022, ISSN: 2352-5541, DOI:10.1016/j.scp.2022.100783, https://www.sciencedirect.com/science/article/pii/S2352554122001875 **(IF=5.464), Q2, Scopus**

59. Koyama S., Heinbockel T. (2022). Chemical Constituents of Essential Oils Used in Olfactory Training: Focus on COVID-19 Induced Olfactory Dysfunction. Frontiers in Pharmacology. 13:835886, doi: 10.3389/fphar.2022.835886. https://www.frontiersin.org/articles/10.3389/fphar.2022.835886/full, **(IF= 5.81), Q1, Scopus**

60. Sofiya K., Kumar G. B. (2022). Study on the Effect of Dual Solvent Proportions on Composition of *Rosa x damascena* Concrete Oil Obtained using Soxhlet Extraction Method. Asian Journal of Chemistry, 34, (1), 78-84. https://doi.org/10.14233/ajchem.2022.23451, **(IF=0,535), Q4, (SJR=0.15), Scopus.**

Всички цитирания на научните трудове на

гл. ас. д-р Светла Петкова Гатева

1993

1. **Nikolova T., Petkova S. (1993). Heat shock Protection Against Induction of Chromatid Aberrations by Triethylenemelamine in Cultured Human Lumphocytes as Affected by Novobiocin and Caffeine. Biol. Zent., 112, 4, 373-378, Leipzig,VEB Georg Thieme, ISSN:0006-3304, 373-378, https://eurekamag.com/research/009/865/009865928.php**

Цитира се в:

1. Chankova S. G., Yurina N. P., Dimova E. G., Ermohina O. V., Oleskina Y. P., Dimitrova M. T., Bryant P. E. (2009). Pretreatment with heat does not affect double-strand breaks DNA rejoining in *Chlamydomonas reinhardtii*. Journal of Thermal Biology 34, 7, 332-336. IF = 1.273 , Q1, Scopus., @2009 Линк

1999

2. **Nikolova T., Gateva S., Georgieva V. (1999). Effect of heat shock and heavy metal salts pre-treatments on the frequency of TEM-induced chromatid aberrations in human peripheral blood lymphocytes *in vitro*. Comp. Rend. Acad. Sci., 52, 3-4, 107-110, Издателство на БАН "Марин Дринов", ISSN:0861-1459**

Цитира се в:

2. Dimova, EG, Bryant PE, Chankova, SG (2008). "Adaptive response" - Some underlying mechanisms and open questions. Genetics and Mol. Biol. 31 (2), ISSN:1415-4757, 396-408, IF = 0, 574, Q3, Scopus, @2008 Линк
3. Димова Е. Г. Роля на генотипа за индукцията на адаптивен отговор при моделни еукариотни системи. Дисертация за придобиване на научната и образователна степен "Доктор". 2008., @2008
4. Ермохина, О. В. (2010). "Белки теплового шока HSP70B хлоропластов Chlamydomonas reinhardtii: связь с устойчивостью клеток к окислительному стрессу и репарацией ДНК. "Институт биохимии. им. А. Н. Баха РАН. Москва. Дисертация. Научная библиотека диссертаций и авторефератов disserCat.2010., @2010 Линк
5. Ekhtiar A., Othman A., Ammer A., Jbawi A. (2012). The possible role of chromatin conformation change in adaptive response to ionizing radiation. Sirian Arab Rebablic Atomic Energy Commision Damascus P.O. Box 6091. AECS-B/FRSR 531, Final report of scientific research. Department of molecular biology

and technology. 72 p., @2012 Линк

6. Тодорова Т. (2015). Дисертация за придобиване на образователна и научна степен „Доктор“ по научна специалност „Генетика”, шифър 01.06.06. "ДНК защитен потенциал на биологично активни природни съединения с растителен произход." 2015, стр. 28. , @2015 Линк
7. Chakrabarti M., Mukherjee A. (2021). Metallo-adaptive response: a unique survival strategy of plants under genotoxic stress. The nucleus. Published: 26 June 2021, https://doi.org/10.1007/s13237-021-00360-5, Q4, SJR = 0.26., @2021 Линк

2001

3. **Gateva S., Varadinova E., Georgieva V. (2001). Genotoxic activity of the pesticide devrinol in human lymphocytes *in vitro*. Comp. Rend. Acad. Sci., 54, 2, 81-84,Издателство на БАН, проф. Марин Дринов, ISSN:0861-1459**

Цитира се в:

8. Godoy F. R. (2013). Aná molecular dos polimorfismos dos genes GSTM1 e GSTT1 emindividuos ocupacionalmenteexpositos a agrotóxicos. Dissertação de mestrado apresentada ao Programa de Pós Graduação Stricto Sensu em Genética da Pontifícia Universidade Católica de Goiás, como requisito parcial para a obtenção do título de Mestre. Goiânia, fevereiro de 2013. Brasil. p. 49, http://localhost:8080/tede/handle/tede/2372, @2013 Линк
9. Batista M. P.A (2014). Avaliaçãocitogenètica e molecular de individuos ocupacionalmente expostos aos agrotoxicos. Dissertação apresentada ao Programa de Pós-Graduação em Genética e Biologia Molecular da Universidade Federal de Goiás como Requisito Parcial Para Obtenção do Título de Mestre. Universidade Federal de Goiás Instituto de Ciências Biológicas Programa de Pós-Graduação em Genética e Biologia Molecular. Brasil. p. 54., @2014 Линк
10. Carvalho W. F. (2014). Avaliação de danos geneticos e correlação com polimorfismos nos gemes GSTM1 E GSTT1 em trabalhadores ocupacionalmente expositos a aos agrotoxicos em minicipios goianos com intensa atidade agricola. Dissertação de mestrado apresentada ao Programa de Pós Graduação Stricto Sensu em Genética da Pontifícia UniversidadeCatólica de Goiás, como requisito parcial para a obtenção do título de Mestre. Brasil. p. 59., @2014

4. **Chankova S., Jovtchev G., Gateva S., Yonova P., Mehandjiev A., Shevchenko V. (2001). Protecting effect of newly synthesized urea and thiourea derivatives on different test-systems. Journal of Environmental of Protection and Ecology, 2, 3, 694-703, BENA, ISSN:1311-5065**

Цитира се в:

11. Тодорова Т. (2015). Дисертация за придобиване на образователна и научна степен „Доктор“ по научна специалност „Генетика” шифър 01.06.06. "ДНК защитен потенциал на биологично активни природни съединения с растителен произход" стр. 28. , @2015 Линк

2003

5. Gateva S., Jovtchev G., Stergios M., Georgieva V. (2003). Cytogenetic studies of combined treatment with cadmium chloride and lontrel in human lymphocytes *in vitro*. Praemedicus, 1, 5, Marian Nikov, ISSN:1314-8079, 14-22

Цитира се в:

12. Димова, Е. (2008). Дисертация за придобиване на образователна и научна степен „Доктор“ по научна специалност „Генетика”, шифър 01.06.06."Роля на генотипа за индукцията на адаптивен отговор при моделни еукариотни системи". @2008

2006

6. Чанкова С., Йонова П.А., Гатева С.П., Йовчев Г., Стергиос М.Л., Механджиев А.Т., Шевченко В.А. (2006). Эффект 1,1'-hexamethylenbis [3-(3,5-dichloro-4-pyridyl]) urea на дейстие химических мутагеновпри разных типах тестовых систем. Radiation Biology and Radioecology, 46, 4, 410-414,НАУКА, ISSN: 0869-8031

Цитира се в:

13. Якимчук Р. А. (2012). Генетичі наслідки низькодозового опромінення в умовах радіацийного забруднення навколишнього середовища. Серія Біологія 3 (27), Вісник Харківського Національного Аграрного Університету 2012, 6-21ISSN: 1992-4917, УДК 575.224.4:504.5:628.4.047, @2012 Линк

7. Gateva S., Yonova P., Jovtchev G., Stergios M., Kulekova S. (2006). The protective effect of newly synthesized compounds against the action of UV-C irradiation on human lymphocytes *in vitro*. Radiation biology. Radioecology, 46, 4, 415-419,Nauka, 2006, ISSN:0869-8031, (SJR2006=0,117).

Цитира се в:

14. Pereira B. K. (2007). Avaliacao Do efeito fotoprotector de tres extratos de plantas da Antarctika por diferentes modelos biologicos. Disertacao. Universidade Federal de Rio Grande do Sul. Porto Alegre. Braszil, @2007 Линк

15. Pereira B. K., Rosa R. M., da Silva J., Guecheva T. N., de Oliveira I. M., Ianistcki M., Benvegnú V. C., Furtado G. V., Ferraz A., Richter M. F., Schroder N., Pereira A. B., Henriques J. A. P. (2009). Protective effects of three extracts from Antarctic plants against ultraviolet radiation in several biological models. Journal of Photochemistry and Photobiology B: Biology, 96, 2, 117-129, doi:10.1016/j.jphotobiol.2009.04.011, ISSN:1011-1344, IF=1.838, @2009 Линк

16. Kipryushina Yu. O., Lukyanov P. A., OdintsovaN. A. (2010). Effect of Mytilan on the UV Radiation Resistance of Marine Invertebrate Larvae and Human Lymphocytes, Russian Journal of Marine Biology, 36, 4, 305–310, ISSN: 1063-0740, IF = 0.4, @2010 Линк

17. Бакенова О.Ж., Чередниченко О.Г. (2014). Изучение частоты хромосомных аберации в лимфоцитах крови человека in vitro облученой разными дозами УФ излучения А, В и С спектров. Евразийский союз ученых. Общество с ограниченной ответственностью "Международный Образовательный Центр" (Москва). 6-4 (6) 84-86, 2014., @2014

2007

8. Gateva S., Kulekova S., Mitrovska Z., Chankova S. (2007). Green algae extract can influence genotoxical actions of cadmium in human lymphocytes. Congress of Ecologists of Macedonia, Macedonian Ecological Society, p. 132, ISBN:ISBN 978-9989-648-11-3

Цитира се в:

18. Димова Е. Г. (2008). Дисертация за придобиване на образователна и научна степен „Доктор“ по научна специалност „Генетика”, шифър 01.06.06."Роля на генотипа за индукцията на адаптивен отговор при моделни еукариотни системи". **@2008**

2008

9. **Gateva S., Kulekova S. (2008). Chromosome aberrations and apoptosis induced by paraquat corresponding with cell cycle delay in human lymphocytes *in vitro*. Journal of Environmental Protection and Ecology, 9, 3, 212-218, BENA, ISSN:1311-5065, ISI (SJR2009= 0,113).**

Цитира се в:

19. Altikat S., Terzi, I., Kuru, H.I., Kocacaliskan, I. (2013). Allelopathic effects of juglone on growth of cucumber and muskmelon seedlings with respect to antioxidant enzyme activities and lipid peroxidation. Journal of Environmental Protection and Ecology. 14, (3 A), 1244-1253, ISSN: 1311-5065, IF=0.338, **@2013** Линк
20. Terzi I., Kocacaliskan, I., Demir, Y. (2013). Allelopathic effects of some tree leaf extracts on seed germination and seedling growth of Turf grasses. Journal of Environmental Protection and Ecology. 14, (3 A), 1236-1243, ISSN 1311-5065, IF = 0.338, **@2013** Линк
21. Ciorba D., Morariu V., Cosma C., Neamtu S., Fischer-Fodor E., Foris V. (2016). Extremely low frequency - zero magnetic field and human lymphocytes response. ECOTERRA - Journal of Environmental Research and Protection, 13, 3, 7-13, **@2016** Линк
22. Onur B., Çavuşoğlu K., Yalçin E., Acar A. (2022). Paraquat toxicity in diferent cell types of Swiss albino mice. Scientific report. 12, 4818, 2022, IF = 4.379, Q1, Scopus, **@2022** Линк

2009

10. **Yonova P., Gateva S., Mincheva N., Jovtchev G., Stergios M., Kapchina-Toteva V. (2009). Improvement of tolerance to paraquat in barley (Hordeum vulgare L.) by synthetic thiourea compound: effects on growth and biochemical responses. General and Applied Plant Physiology, 35, (3-4), 162-171, Published by the Institute of Plant Physiology - Bulgarian Academy of Sciences, ISSN:1312-8183**

Цитира се в:

23. Rong E., Zhao Z., Zang W. Pingyi guo., Zhang J., Zhao W., Feng M., Wang L., Xie D., Yang W. (2012). Significant pathway analysis of *Arabidopsis thaliana* following treatment with paraquat (PQ). Journal of Medicinal Plants Research. 6(9), 1697-1701, ISSN: 1996-0875, IF = 0.59, **@2012** Линк
24. Ikram S., Javed F., Wahid A., Ahmad R. *In vitro* relationship between cadmium stress and thiourea in two barley genotypes. Pak. J. Agri. Sci., Vol. 51(3), Faisalabad 2014, ISSN (Print) 0552-9034, ISSN (Online) 2076-0906,

http://www.pakjas.com.pk673-678, JIF = 1.049., **@2014** Линк

25. Ikram, S., Javed, F. Cadmium stress alleviation by thiourea in barley. International Journal of Innovation and Applied Studies. 12, 2, ISSR Journal, 2015, ISSN: 2028-9324, 384-389, IF=3.5, **@2015** Линк

26. Semenova A., Lukatkin A.S. (2015). Dual action of cytodef on stress effect of paraquat in winter rye plants. Russian Journal of Plant Physiology, 62, 6, 797–807, Elsevier, ISSN: 1021-4437, DOI: 10.1134/S102144371506014X, IF=0.946, **@2015** Линк

27. Sanaullah, T., Wahid, A., Javed, F., Sadia, B. Optimization of thiourea level at cellular and whole plant level for maize hybrids (*Zea mays* L.). Applied ecology and environmental research 14(5), 1-18, ISSN: 1589 1623 (Print), ISSN: 1785 0037 (Online), IF=0.500, **@2016** Линк

28. Лукаткин А.С., Семенова А.С., Лукаткин А.А. (2016). Влияние регуляторов роста на проявления токсического действия гербицидов на растения. Агрохимия, 1, 73-95, **@2016** Линк

29. Семенова А. С. (2017). Протекторный еффект регуляторов роста тидиазурона и цитогрефа на растения озимой ржи при действии параквата .Диссертации на соискание ученой степени, кандидата биологических наук, ФГБОУ ВПО «Саратовский государственный университет имени Н. Г. Чернышевского», Уфа – 2017, **@2017** Линк

2010

11. Jovtchev G., Gateva S., Stergios M., Kulekova S. (2010). Cytotoxic and genotoxic effects of paraquat in *Hordeum vulgare* and human lymphocytes *in vitro*. Environmental Toxicology, 25, 3, 294-303, DOI:10.1002/TOX.20503, Wiley, ISSN:1522-7278, ISI IF2010=1.831.

Цитира се в:

30. Federico C., Motta S., Palmieri C., Pappalardo M., Librando V., Saccone S. (2011). Phenylurea herbicides induce cytogenetic effects in Chinese hamster cell lines. / Mutation Research. 721, 89–94, DOI:10.1016/j.mrgentox.2010.12.013, IF=0.429, **@2011** Линк

31. Watts M. (2011). Paraquat. Emprowering people for change. PANAP. Pesticide Action Network Asia and the Pacific. www.panap.net., **@2011** Линк

32. Al-zahrani N.H., Alamoudi K.H. (2012). Cytogenetic and molecular variation on Vicia faba treated with creatine monohydrate. Life Science Journal 9 (3) , 584-590, IF = 0.254, **@2012** Линк

33. Krivokapic J. (2012). Cytogenetic evaluation of fexofenadine hydrochloride effects in human lymphocytes culture. HealthMED 6 (4): 1429-1436, ISSN: 18402291, **@2012** Линк

34. Nassar S.A., Zayed F.A., Hegab A.M., Mossaad M.N., Harfoush A.S. (2012). Cytogenetic, histological and histochemical studies on the effect of gibberllin A3 in albino rats. Journal of American Science 8(1), 608-622, ISSN: 1545-1003, http://www.americanscience.org, **@2012** Линк

35. Spiewak R. (2012). Pesticides, Chapter 16. Pesticides and Skin Diseases in Man, In: Pesticides. Evaluation of Environmental Pollution (Ed. Hamir S. Rathore and Leo M .L. Nollet) CRC Press 2012, Pages 525–542, Print ISBN: 978-1-4398-3624-8, eBook ISBN: 978-1-4398-3625-5, DOI: 10.1201/b11864-23., **@2012** Линк

36. Gerald L. K. (2012). Alkylpyridines and Miscellaneous Organic Nitrogen Compounds, Patty's Toxicology, Chapter thirty-eight, Sixth Edition. Volume 2, (Eds. Bingham E., Cohrssen B.), John Wiley & Sons, Inc., 787-943. DOI: 10.1002/0471435139.tox060.pub2., **@2013** Линк

37. Aksakal O., Erturk F.A., Sunar S., Bozari S., Agar G. (2013). Assessment of genotoxic effects of 2, 4-dichlorophenoxyacetic acid on maize by using RAPD analysis. Industrial Crops and Products 42, 552–557, IF = 3.81, **@2013** Линк

38. Aksakal O. (2013). Assessment of paraquat genotoxicity on barley (*Hordeum vulgare* L.) seedlings using molecular and biochemical parameters. Acta Physiol. Plant, 35, 7, 2281, DOI: 10.1007/s11738-013-1265-2, IF = 1.935, **@2013** Линк

39. Valencia-Quintana R., Sánchez Alarcón S., Gómez-Arroyo S., Cortés Eslava J., Waliszewski S., Fernández S., Villalobos-Pietrini R. (2013). Genotoxicidad de plaguicidas en sistemas vegetales. Rev. Int. Contam. Ambie. 29 (Número especial sobre plaguicidas) 133-157, ISSN: 0188-4999. IF = 0.333, **@2013** Линк

40. Kumar S., Kirha TJ., Thonger T. (2014). Toxicological effects of sodium dodecyl sulfate. Journal of Chemical and Pharmaceutical Research 6(5), 1488-1492, ISSN: 0975-7384, IF = 0.21, **@2014** Линк

41. Muangphra P., Kwankua M., Gooneratne R. (2014). Genotoxic effects of glyphosate or paraquat on earthworm coelomocytes. Environmental Toxicology 29, 29 (6), 612-620, DOI: 10.1002/tox.21787, ISSN: 1522-7278, IF = 2.536, **@2014** Линк

42. Teng H. , Zhang Y., Ning J., Ren B., Shi S., Zhao L. (2014). Photocatalytic degradation of paraquat in water with titanate nanotubes. Chinese Journal of Environmental Engineering 8 (3), 815-820, ISSN: 16739108, **@2014** Линк

43. Тодорова М. (2014). *Chlamydomonas reinhardtii* като моделна индикаторна система за генотоксичност на ниски дози ксенобиотици – Дисертация за придобиване на образователна и научна степен „Доктор“ по научна специалност „Генетика”, шифър 01.06.06, **@2014**

44. AL-Shamrani S.M.S. (2015). Meiotic behavior In treated *Vicia faba* plant with diprofos drug. Life Science Journal, 12, 5, 41 – 45, 2015, DOI: 10.17795/jjnpp-18216, ISSN: 1097-8135 (Print) / ISSN: 2372-613X (Online), IF = 0.165, **@2015** Линк

45. Abdou I, M. Ayoub M.A., El Aalem M.M. (2016). Cytogenetic and Pathological Studies on the Effect of Gibberellic Acid in Rabbit. Egypt. J. Chem. Environ. Health 2 (2), Publisher "The Chemistry & Environmental Health Association" 2016, eISSN: 2536-9164, 566-579, SJIF IF = 3.441, **@2016** Линк

46. Díaz S., Martín-Gonzalez A., Cubas L., Ortega R., Amaro F., Rodríguez-Martín D., Gutierrez J.C. (2016). High resistance of *Tetrahymena thermophila* to paraquat: Mitochondrial alterations, oxidative stress and antioxidant genes expression. Chemosphere, 144,909-917, Elsevier, ISSN: 00456535, http://dx.doi.org/10.1016/j.chemosphere.2015.09.010, 909-917, IF= 4.56, **@2016** Линк

47. Ren B. X., Fan J. Y., Gao J. T. (2016). Study on Degradation of Paraquat Wastewater by Ultrasonic - Fenton Oxidation. Journal of Jilin Normal University (Natural Science Edition) 03 (2016/08/05), P120 – 124, 2016, **@2016** Линк

48. Ren B. X., Jiang X. M., Chen K. (2016). Research on degradation of paraquat wastewater by ultrasonic –titanate nanotubes together. Journal of Langfang teachers University (Natural science edition), 16, 2, 43-46, 2016, **@2016** Линк

49. Farhadian N., Behin J. (2017). Degradation of 2, 4-Dichlorophenoxyacetate isopropyl amine (2, 4-D IPA) by O3/AC/UV in an internally slurry airlift photo-reactor. Environmental Technology, 2017, 38 (2A), 3180-3191, ISSN: 0959-3330, eISSN: 1479-487X, DOI: 10.1080/09593330.2017.1291757, ISI IF = 1.666, Q2, **@2017** Линк

50. Kirha T. J. Kumar S. (2017). Physiological and Clastogenic Effects of SDS in Certain Allium Species of Nagaland. Journal of Chemical and Pharmaceutical Research, 9(10), 182-185, 2017, **@2017** Линк

51. Kirha T., Kumar J.S.(2017). Physiological and Clastogenic Effects of SDS in Certain Allium Species of Nagaland. Journal of Chemical and Pharmaceutical Research, 9(10), 182-185, 2017, **@2017** Линк

52. Lazalde-Ramos B.P., Zamora-Pérez A.L., Sosa-Macías M., Galaviz-Hernández C., Zúñiga-González G.M. (2017). Micronuclei and nuclear anomalies in Mexico's indigenous population. Salud Pública de México 59 (5), 532-539, DOI: http://dx.doi.org/10.21149/8318, ISSN: 1606-7916, IF=1.396, Q2, http://saludpublica.mx/index.php/spm/article/view/8318/11240, **@2017** Линк

53. Ruiz-Guzman, J.A., Gomez-Corrales, P., Cruz-Esquivel, A., Marrugo-Negrete, J.L. (2017). Cytogenetic damage in peripheral blood lymphocytes of children exposed to pesticides in agricultural areas of the department of Cordoba, Colombia, Mutation Research/Genetic Toxicology and Environmental Mutagenesis, 2017, 824, 25-31, ISSN: 1383-5718, Q2, https://doi.org/10.1016/j.mrgentox.2017.10.002, ISI IF = 2.133, **@2017** Линк

54. Kus A., Kwasniewska J., Szymanowska-Pułka J., Hasterok R. (2018). Dissecting the chromosomal composition of mutagen-induced micronuclei in *Brachypodium distachyon* using multicolour FISH. Annals of Botany XX, 2018, 122 (7), 1161–1171, ISSN: 0305-7364, eISSN: 1095-8290, ISI IF = 3.646, Q1, **@2018** Линк

55. Tajai P, Fedeles B.I., Suriyo T., Navasumrit P., Kanitwithayanun J., Essigmann J.M., Satayavivad J. (2018). An engineered cell line lacking OGG1 and MUTYH glycosylases implicates the accumulation of genomic 8-oxoguanine as the basis for paraquat mutagenicity. Free Radical Biology and Medicine 116, 64–72, Elsevier, DOI: 10.1016/j.freeradbiomed.2017.12.035, ISSN: 0891-5849, ISI IF = 6.020, Q1, **@2018** Линк

56. Campos A.C. (2020). Frequency of micronucleus on people exposed and not exposed to ionizing radistion I San Jose Veterinary Clinics in the years 2017, 2018 and 2019. Tesis sometida a la consideración de la Comisión del Programa de Estudios de Posgrado en Ciencias Biomédicas para optar al grado y título de Maestría Académica en Ciencias Biomédicas con énfasis en Bioquímica y Fisiología Celular Ciudad Universitaria Rodrigo Facio, Costa Rica, 2020, **@2020** Линк

57. da Silva I. K., Rodrigues K. S., Grams K. C., Mocelin L. C., Bortolotto J. W., Parisi M. M. (2020). Efeitos *in vitro* do paraquat em celulas imunes. XXV Seminario Interinstitucional de Ensino, Pescuisa e Extensao. 24-27 Nov 2020. Campus Universitário Dr. Ulysses Guimarães - Rodovia Municipal Jacob Della Méa, km 5.6 – Parada Benito. Brazil, 2020, **@2020**

58. Weller S., Riches C. (2020). Status of Paraquat in Nigeria: Why a ban is necessary. IITA, Ibadan, Nigeria. ISBN: 978-978-131-365-3, **@2020** Линк

59. Bara A. W., Braszewska A., Kwasniewska J. (2021). DNA Methylation—An Epigenetic Mark in Mutagen-Treated *Brachypodium distachyon* Cells. Plants. 10, 7, 1408, IF = 3.935, Q1, **@2021** Линк

60. Mercado S. A. S., Caleño J.D.Q. (2021). Use of Lens culinaris Med test as environmental bioindicator to identify the cytogenotoxic effect of paraquat pesticide. Environ Sci Pollut Res. 28, 51321–51328, 2021, IF = 3.056, Q2, **@2021** Линк

61. Tajai P., Suriyo T., Rangkadilok N., Fedeles, B.I., Essigmann J.M., Satayavivad J. (2021). Andrographolide, an Antioxidant, Counteracts Paraquat-Induced Mutagenesis in Mammalian Cells. Asian Pacific Journal of Cancer Prevention 22, Asian Pacific Organization for Cancer Prevention, ISSN: 15137368, 21(S2), 3-8, ISSN:1513-7368, eISSN2476-762X, IF=1.583, Q2, SJR = 0.502 DOI:10.31557/APJCP.2021.22.S1.3., **@2021** Линк

62. Melendez- Florez M. P., Valbuena D. S., Cepeda S., Rangel N., Forero-Castro M., -Martinez –Agüero M., Rondyn- Lagos M. (2022). Profile of Chromosomal Alterations

Chromosomal Instability and Clonal Heterogeneity in Colombian Farmers Exposed to Pesticides. Front. Genet. 13, Art. 820209, IF = 3.789, Q2, **@2022** Линк

2012

12. **Gateva S., Mitrovska Z., Jovtchev G., Chankova S.(2012). Green algae can modulate the genotoxic action of cadmium in human lymphocytes. Biotechnology&Biotechnological Equipment, 26, 1, 2737-2742, Taylor & Francis Group, ISSN:1310-2818 (Print), 1314-3530 (Online), DOI:10.5504/BBEQ.2011.0149, 2737-2742. ISI IF=0.415**

Цитира се в:

63. Lin B. (2012). Studies on spectroscopi properties and biological activity of N-aryl-N'benzoiltyourea Pd(II) complexes. China. M.D thesis. Northwest Normal University, Lanzhou, P.R. China, **@2012** Линк

64. Hassan M.M.S.M. (2015). Biomonitoring of wastewater ecosystem based on microalgae. Dissertation submitted in fulfillment of the requirements for the degree Doctor of Philosophy. Al-Farab, Kazakh National University, Republic of Kazakhtan, Almaty, 2014, p. 110., **@2015** Линк

13. **Gateva S., Jovtchev G., Stergios M., Yonova P. (2012). The potential of synthetic thiourea compound to reduce the cytotoxic and genotoxic effects of paraquat in Hordeum vulgare and cultured human lymphocytes. Environmental Toxicology, 27, 4, 220-228,Wiley, DOI:10.1002/tox.20633, ISSN:1522-7278, ISI IF2012=2.410.**

Цитира се в:

65. Srivastava A.K., Srivastava S., Suprasanna P., D'Souza S.F. (2011). Thiourea orchestrates regulation of redox state and antioxidant responses to reduce the NaCl-induced oxidative damage in Indian mustard (*Brassica juncea* (L.) Czern.), Plant Physiology and Biochemistry 49, 676-686, DOI:10.1016/j.plaphy.2011.02.016, IF = 3.256, **@2011** Линк

66. Lin B. (2012). Studieson spectroscopic properties and biological activity of N-aryl N-benzoylthyourea Pd(II) complexes. M.D thesis. Northwest Normal University, 2012. Lanzhou, P.R. China, **@2012** Линк

67. Q. Ashtion Acton (2012). Mononuclear Leukocytes—Advances in Research and Application: 2012 Scholary Edition. Atlanta Georgia. ISBN 978-1-464-99264-3., **@2012** Линк

68. Mbiya W., Choi B. Martincigh B. S., Morakinyo M. K., Simoyi R. H. (2013). Oxyhalogen-Sulfur Chemistry: Kinetics and Mechanism of Oxidation of N-Acetyl

Homocysteine Thiolactone by Acidified Bromate and Aqueous Bromine. J Phys. Chem. A, 117 (49), 13059–13069, IF = 4.835, **@2013** Линк

69. Benzarti M., Rejeb K.B., Messedi D., Abdelly C., Debez A. (2015). Involvement of nitrogen in salt resistance of Atriplex portulacoides is supported by split-root experiment data and exogenous application of N-rich compounds. Journal of Plant Nutrition and Soil Science, 178(2), 312-319, Wiley, 2015, ISSN: 1522-2624, DOI: 10.1002/jpln.201400418, IF = 1.995, **@2015** Линк

70. da Silva I. K., Rodrigues K. S., Grams K. C., Mocelin L. C., Bortolotto J. W., Parisi M. M. (2020). Efeitos *in vitro* do paraquat em celulas imunes. XXV Seminario Interinstitucional de Ensino, Pescuisa e Extensao. 24-27 Nov 2020. Campus Universitário Dr. Ulysses Guimarães - Rodovia Municipal Jacob Della Méa, km 5.6 – Parada Benito. Brazil, **@2020**

71. da Silva I.K., Rodrigues-Conrad K., Grams K. C., Barcelos L.de O., Bortolotto J. W., Parisi M. (2021). Paraquat induz citoxicidade e genotoxidade in vitro em celulas imunes perifèricas. XXVI Seminario International De Ensino, PesquisaE Extensao. 25-27 out 2021, **@2021** Линк

2013

14. Gateva S., Jovtchev G., Stergios M. Cytotoxic and clastogenic activity of $CdCl_2$ in human lymphocytes from different donors. (2013). Environmental toxicology and pharmacology, 36, 1, 223-230, DOI:10.1016/j.etap.2013.03.021,Elsevier, ISSN:1382-668, ISI IF2013=2.244.

Цитира се в:

72. Arai Y., Hayakawa K., Arai D., Ito R., Iwasaki Y., Saito K., Akutsu K., Takatori S., Ishii, R., Hayashi R., Izumi S-I., Sugino N., Kondo F., Horie M., Nakazawa H., Makino T., Hirosawa M., Shiota K., Ohgane J. (2015). Putative Epimutagens in Maternal Peripheral and Cord Blood Samples Identified Using Human Induced Pluripotent Stem Cells. BioMed Research International, Hindawi Publishing Corporation, 2015, Article ID: 876047. Pages 13, IF=2.492, http://dx.doi.org/10.1155/2015/876047, ISSN:2314-6133, **@2015** Линк

73. Bayulken D. G. (2015). Investigation of clastogenic effect of paraben and differentiation s in human peripheral lymphocytes in vitro cytogenetic methods. PhD Thesis Anadolu University Institute of Science and Technology Department of Biology. Ekim. Turkey. 2015, **@2015** Линк

74. Bobyleva L.A. (2015). Evaluation of genetic load of population at elevated effect of heavy metals. Карельский научный журнал, 4 (13), НП ОДПО 2015, ПИ ФС77 -

56855, 76-78, **@2015** Линк

75. Chopikashvili L.V., Tsidaeva T.I., Skupnevsky S.V., Pukhaeva E.G., Bobyleva L.A., Rurua F.A. (2016). Chapter 15 Genetic Health of the Human Population as a Reflection of the Environment: Cytogenetic Analysis. In: Temperate Crop Science and Breeding: Ecological and Genetic Studies, (eds. Bekuzarova, S.A., Bome, N.A., Opalko, A.I., Weisfeld, L.I.) AAP Apple Academic Press, Francis and Taylor 2016, ISBN: 978-1-77188-229-3, p. 287-302, **@2016** Линк

76. Rodrigez E.G. D. (2017). Evaluacion de la toxidad celular de tres sales de talio en linfocitos humanos tratados *in vitro*. PhD Thesis. Universidad nacional autonoma di Mexico. Facultad de estudios superiors Saragoza. Saragoza, Mexico. **@2017** Линк

77. Rodríguez-Mercado J.J., Mosqueda-Tapia G., Altamirano-Lozano M.A. (2017). Genotoxicity Assessment of Human Peripheral Lymphocytes Induced by Thallium(I) and Thallium(III). Toxicological & Environmental Chemistry, 2017, 99 (5-6), 9877-998, ISSN: 0277-2248, eISSN: 1029-0486 (Online), DOI: 10.1080/02772248.2017.1307377, ISI IF = 0.935, Q3, **@2017** Линк

78. Бобылева Л.А. (2017). Генетические последствия влияния тежелых металов в популяции жителей промишленных городов. Экологические проблемы: Вчера, Сегодня, Завтра. Материалы международной заочной студенческой конференции. Изд. ИП Овчинников Михаил Артурович (Типография Алеф) (Махачкала). 281-288, **@2017** Линк

79. Чшиева Ф. Т. (2018). Пространственно-временной цитогенетический мониторинг подверженного техногенной нагрузке населения северной Осетии. Диссертация на соискание ученой степени доктора биологических наук. Кемеровский Государственый Университет, Кемерово, Кемеровская обл., Русия, 2018., **@2018** Линк

80. Chshieva F.T., Chshiev T.V. (2019). Analysis of the Database of Frequencies of Chromosomal Aberrations in the Blood of Residents of the Industrial Region. Advances in Health Sciences Research 16, International Conference on Health and Well-Being in Modern Society (ICHW) Atlantis Press 2019, eISSN: 2468-5739, 42 – 46, **@2019** Линк

81. European Chemicals Agency (2020). ECHA Scientific report for evaluation of limit values for cadmium and its inorganic compounds at the workplace. Helsinki, Finland.p.78https://images.chemycal.com/Media/Files/oel_scientific_report_cadmium_en.pdf **@2020** Линк

82. Lombaert N. (2020). Submission of information on health effects mechanisms of action for the genotoxic activity of cadmium and its inorganic compounds. In: Occupational Exposure Limit for Cadmium and its Inorganic Compounds. International Cadmium Association. Brussels, p. 62, **@2020** Линк

83. European Chemicals Agency, ECHA. (2021). ECHA scientific report on cadmium and its inorganic compounds. ANNEX 1 in support of the Committee for Risk Assessment (RAC) for evaluation of limit values for cadmium and its inorganic compounds at the workplace. ECHA/RAC/A77-O-0000006982-64-01/F. Telakkakatu 6, P.O. Box 400, FI-00121 Helsinki, Finland. @2021 Линк

2014

15. Gateva S., Jovtchev G., Stankov A., Gregan F. (2014). Antigenotoxic capacity of *Papaverrhoeas* L. extract. International Journal of Pharmacy and Pharmaceutical Sciences, 6, 1, 717-723,International Journal of Pharmacy and Pharmaceutical Sciences, ISSN:0975 – 1491, SJR2014=0.316

Цитира се в:

84. Gahreeb A., Hijazy H., Salah R. (2014). Anticlastogenic effect of phycocyanin pigment on the mutagenicity induced by curzate fungicide in *Vicia faba* plants. Plant Cell Biotechnology and Molecular Biology, 15 (1-2), 75-89, SJR = 0.101, **@2014** Линк

85. Todorova T., Pesheva M., Gregan F., Chankova S. (2015). Antioxidant, antimutagenic, and anticarcinogenic effects of Papaver rhoeas L. extract on Saccharomyces cerevisiae. Journal of Medicinal Food, 18, 4, 460-467, Mary Ann Liebert, 2015, ISSN:1096-620X, doi:10.1089/jmf.2014.0050, 460-467, IF=1.63, **@2014** Линк

86. Ghizlane H., Aziz B. (2016). Pharmacological properties of some medicinal plants, its components and using fields. Chapter 3. In: Fruits, Vegetables, and Herbs: Bioactive Foods in Health Promotion, (Eds. Watson R. S., Preedy V. R.), Elsevier Inc. 41-56, DOI: 10.1016/B978-0-12-802972-5.00003-2, ISBN: 978-012802989-3;978-012802972-5, **@2016** Линк

87. Mohamed S. (2016). Investigation of antioxidative, genotoxic, cytotoxic and apoptotic proterties of some plant species. PhD Thesis. Uludağ University Graduate School of Natural and Applied Sciences Department of Biology . Uludağ Üniversitesi Fen Bilimleri Enstitüsü Biyoloji Anabilim Dalı, Bursa, Turkey, **@2016** Линк

88. Hijazi M.A., Aboul-Ela M., Bouhadir K., Fatfat M., Khalife H., Ellakany A., Gali-

Muhtasib H. (2017). Cytotoxic Activity of Alkaloids from Papaver rhoeas growing in Lebanon. Rec. Nat. Prod. 11, (2), 211-216,ACG Publications, eISSN:1307-6167, 211-216, IF = 1.5, **@2017** Линк

89. Hijazi M.A., El-Mallah A., Aboul-Ela M., Ellakany A. (2017).Evaluation of Analgesic Activity of *Papaver libanoticum* Extract in Mice: Involvement Opioids Receptors. Evidence-Based Complementary and Alternative Medicine, Vol. 2017, Article ID: 8935085, 13 p. IF = 2.107, **@2017** Линк

90. Hijazi M. A. M. (2017). Phytochemical Study of some Plants of Genus Papaver Grown in Lebanon. PhD Thesis. Department of Pharmaceutical Sciences Faculty of Pharmacy. Beirut Arab University, **@2017**

91. Kaur R., Matta T., Kaur H.(2017). Plant Derived Alkaloids. The Saudi Journal of Life Sciences 2 (5), 158-189, Scholars Middle East Publishers 2017, DOI: 10.21276/haya, ISSN :2415-623X; eISSN 2415-6221, IF= 3.328, **@2017** Линк

92. Karomatov I. D., Aslonova M. (2018). Medicinal properties of the plant of corn poppy (Review of literature). Электронный научный журнал "Биология и интегративная медицина" №2–февраль (19), 102-110, **@2018** Линк

93. Purle T. (2018). Klatschmohn (*Papaver rhoeas*) - Merkmale, Anbau, Verwendung und Heilwirkung. Das Kräuterbuch, **@2018** Линк

94. Беленовская Л. М., Битюкова Н. В., Бобылева Н. С., Буданцев А. Л., Данчул Т. Ю., Петрова Н. В., Шагова Л. И. (2018). Растительные ресурсы России: Дикорастущие цветковые растения, их компонентный состав и биологическая активность. Дополнения к 1 тому. (ред. А. Л. Буданцев.) СПб.; РАН, Ботанический институт имени В. Л. Комарова, Товарищество научных изданий КМК, Санкт-Петербург — Москва, 409 с. 2018., **@2018** Линк

95. 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., del Mar Contreras M., Sharifi-Rad J., Cho W. C. (2022). Papaver Plants: Current Insights on Phytochemical and Nutritional Composition Along with Biotechnological Applications. Hindawi, Oxidative Medicine and Cellular Longevity, vol. 2022, ID: 2041769, 23 pages, 2022. IF = 5, 60, **@2022** Линк

96. Gergely E. (2022). Alkaloidy *Papaver rhoeas* L. (Papaveraceae) a ich biologická aktivita vzťahujúca sa na Alzheimerovu chorobu IV. Thesis. Faculty of Pharmacy in Hradec Králové, Department of Pharmaceutical Botany, Univerzita Karlova, Farmaceutická fakulta v Hradci Králové, Slovakya, 2. 6. 2022, **@2022** Линк

97. Rbaa M., Galai M., Dagdag O., Guo L., Tüzün B., Berdimurodov E., Zarrouk A.,

Lakhrissi B. (2022). Chapter 3. Development process for ecofriendly corrosion inhibitors. Part 1 - Overview of industrial corrosion and inhibition, (Eds. Guo, L., Verma, C., Zhang, D.) In:Eco-Friendly Corrosion Inhibitors, Principles, Designing and Applications, Published by Elsevier Inc. 2022, 27 – 42, DOI: 10.1016/B978-0-323-91176-4.00026-X, ISBN: 978-0-323-91176-4, **@2022** Линк

2015

16. Gateva S., Jovtchev G., Stankov A., Gregan F. (2015).Salvia extract can decrease DNA induced by zeocin. International Journal of Pharma Medicine and Biological Sciences, 4, 1, Biological Sciences,4, (1), 1-10, ISSN:2278-5221, DOI:10.12720/ijpmbs.4.1.1-10, 1-10, SJR2015=0.123

Цитира се в:

98. Matić S., Katanić J., Stanić S., Mladenović M., Stanković N., Mihailović V., Boroja T. (2015). *In vitro* and *in vivo* assessment of the genotoxicity and antigenotoxicity of the *Filipendula hexapetala* and *Filipendula ulmaria* methanol extracts. Journal of Ethnopharmacology 174, 287–292, Elsevier, ISSN: 0378-8741, doi:10.1016/j.jep.2015.08.025, ISI IF= 3.261, **@2015** Линк

99. Khudiar K., K., Hussein G.J. (2017). Effect of Alcoholic Extract of *Salvia officinalis* Leaves on some Physiological Parameters Aspects in Acrylamide-Treated Rats. Advances in Animal and Veterinary Sciences, 5 (1), 47-55, DOI:10.14737/journal.aavs/2017/5.1.47.55, NeXus Academic Publishers, ISSN: 2309-3331, eISSN: 2307-8316, IF=0.218, **@2017** Линк

100. Braga M. A. (2018). Nutraceutical potential of extracts from Achyrocline satureioides, *Echinodorus macrophyllus* and *Lippia sidoides* leaves: Pharmacological and toxicological parameters. PhD Thesis. Universidade Federal de Lavras. Portugal. **@2018**

101. Kyzek S., Holubová L., Medvecká V., Tomeková J., Gálová E., Zahoranová A. (2019). Cold Atmospheric Pressure Plasma Can Induce Adaptive Response in Pea Seeds. Plasma Chem. Plasma Process. 39, 475 – 486, Springer US 2019, ISSN: 0272-4324, e ISSN: 1572-8986, DOI: 10.1007/s11090-018-9951-x, ISI IF = 2.658, Q1, **@2019** Линк

102. Mahapatra K., Roy S. (2020). An insight into the mechanism of DNA damage response in plants – role of suppressor of gamma response 1: An overview, Mutation Research/Fundamental and Molecular Mechanisms of Mutagenesis. 819–820, ID: 111689, https://doi.org/10.1016/j.mrfmmm.2020.111689, January–April 2020, ISSN: 13861964, SJR = 1.036, IF = 3.680, Q1, **@2020** Линк

103. Nassar M., Zadri F., Slimani S. (2020). Assessment of the Protective Effect of the Methnolic Extract from *Salvia verbenaca* Roots against Oxidative Damage

Induced by Hydrogen Peroxide (H_2O_2). Turk J Pharm Sci, 18(3), 360–366.Turkish Pharmacists Association 2020, Accepted Date: 01.09.2020, eISSN:2148-6247, DOI: 10.4274/tjps.galenos.2020.74555, Q3, SJR = 0.194, **@2020** Линк

104. Pavlović M. O., Kolarević S., Đordević J., Marić J. J., Lunić T., Mandić M., Kolarević M. K., Živković J., Aradski A. A., Marin P. D., Šavikin K., Vuković-Gačić B., Nedeljković B. B., Duletić-Laušević S. (2021). A Study of Phytochemistry, Genoprotective Activity, and Antitumor Effects of Extracts of the Selected Lamiaceae Species. s. Plants. 10, (11), 2306, https://doi.org/10.3390/plants10112306, IF = 3.935, **@2021** Линк

2016

17. Jovtchev G., Gateva S., Stankov A. (2016).Lilium compounds kaempferol and jatropham can modulate cytotoxic and genotoxic effects of radiomimetic zeocin in plants and human lymphocytes *in vitro*. Environmental Toxicology, 31, 6, 751–764,Wiley, 2016, ISSN:1522-7278, DOI:10.1002/tox.22088, ISI IF2016=2,602.

Цитира се в:

105. Aslam F. (2016). Effect of radiation on varietal improvement of regenerated plants of Lilium and their characterization through molecular markers. PhD thesis, A thesis submitted to Lahore college for women university in partial fulfillment of the requirements for the degree of doctor of philosophy in botany. Department of botany Lahore college for women university, Lahore, Pakistan, **@2016** Линк

106. Lemes S.R., Chaves D.A., Da Silva jr., N.J., Carneiro C.C., Chen-Chen L., De Almeida L.M., Goncalves P.J., De Melo-Reis P.R. (2017). Antigenotoxicity protection of Carapa guianensis oil against mitomycin C and cyclophosphamide in mouse bone marrow. Annals of the Brazilian Academy of Sciences, 89 (3), 2043-2051, DOI: 10.1590/0001-3765201720150797, IF = 1.169, **@2017** Линк

107. Mammadov T., Deniz, N., Rakhimzhanova A., Kılınçarslan O., Mammadov R. (2017). Studies on Lilium species. Int. J. Sec. Metabolite, 4 (1), 47-60, Publisher İzzet Kara 2017, eISSN: 2148-6905, DOI: 10.21448/ijsm.282978, **@2017** Линк

108. Hu Y., Du Y., Tian C., Zhang X., Ren J. (2018). A Review of Chemical Components and Their Bioactivities from the Genus Lilium. Food Science. 39(15), 323-332, **@2018** Линк

109. Nagy S., Szigetvári Á., Ilkei V., Krámos B., Béni Z., Szántay C. Jr., Hazai L.(2021). Synthesis of aminal-type Lilium candidum alkaloids and lilaline; determination of their relative configuration by the concerted use of NMR spectroscopy and DFT conformational analysis. Tetrahedron. 81, 131827, IF=2.289, https://doi.org/10.1016/j.tet.2020.131827, IF = 2.279, **@2020** Линк

110. Turan M., Mammadov R. (2020). Chapter 15. Evaluation of phytochemical compounds, biological activity and uses in ethobotany of genera in Turkey of Liliaceae family used as ornamental plants. In: Ornamental plants in different approaches. (Ed. Çig, A.) Iksad publishing house, 325 – 360, ISBN: 978-625-7687-07-2, **@2020** Линк

111. Ilkei V. (2021). Application of cyclic N-acylaminocarbinols in the synthesis of natural products. PhD Thesis. Budapest University of technology and economics. Faculty of chemical technology and biotechnology. George A. Olah doctoral school. Department of organic chemistry and technology. Hungary, **@2021** Линк

112. Zhou J., An R, Huang X. (2021). Genus Lilium: A review on traditional uses, phytochemistry and pharmacology. J. of Etnopharmacology, 270,113852, https://doi.org/10.1016/j.jep.2021.113852, IF = 3, 650, **@2021** Линк

113. Baticados A.M. (2022). Functional consequences of transmembrane protein 30A (TMEM30A0 inacting mutations in diffuse large B-cell lymphoma. PhD thesis, A thesis, the faculty of graduate and postdoctoral studies (Pathology and Laboratory Medicine) of the University of British Columbia (Vancouver). April 2022, DOI: 10.14288/1.0412619, **@2022** Линк

114. Dormousoglou M., Efthimiou I., Antonopoulou M., Fetzer D.L., Hamerski F., Corazza, M.L., Papadaki M., Santzouk S., Dailianis S., Vlastos D. (2022). Investigation of the Genotoxic, Antigenotoxic and Antioxidant Profile of Different Extracts from *Equisetum arvense* L. Antioxidants, 11, (7), 1393. https://doi.org/10.3390/antiox11071393, **@2022** Линк

2019

18. Gateva S., Jovtchev G., Stankov A., Georgieva A., Dobreva A., Mileva M. (2019). The potential of geraniol to reduce cytotoxic and genotoxic effects of MNNG in plant and human lymphocyte test-systems. South African Journal of Botany, 123, 170-179, DOI:10.1016/j.sajb.2019.03.005, Elsevier, ISSN:0254-6299, SJR (Scopus):0.429, IF = 1.846.

Цитира се в:

115. Pessoa P. H. (2019). Sintese e caracterizacão de embalagem ativa de poli (Butileno adipato co-tereftalato) aditivada com óleo essencial de capim limão (*Cymbopogon citratus*).PhD Thesis. Universidade Federal de Pernambuco. CCEN. Ciкncia de Materiais. Recife. Brazil, **@2019** Линк

116. Mohammed M.J., Tadros M.G., Michel H.E. (2020). Geraniol protects against cyclophoshamidr – induced jepatoxicity in rats: Possible role of MAPK and PSAR- γ signaling pathways. Food and Chemical Toxicology. 139, ID: 111251, ISSN: 0278-

6915, DOI: 10.1016/j.fct.2020.111251, IF = 3.775, Q1, **@2020** Линк

117. Islam M, T., Quispe C., Mubarak M. S., Salehi B., Reiner Z., Martorell M., Sharifi-Rad J., Setzer W. N. (2021). Protective Effects of Natural Products and Their Derivatives on Genetic Material: A Critical Review. Records of Natural Products 15(6), 433-462. DOI: 10.25135/rnp.228.20.11.1871, IF = 1.738, Q2, **@2021** Линк

118. Mamur S. (2022). Geraniol, a natural monoterpene, identifications of cytotoxic and genotoxic effects *in vitro*. Journal of Essential Oil Research, Taylor and Francis Ltd. 34(1), 54-64, https://doi.org/10.1080/10412905.2021.1974581, ISSN:10412905, 21638152, Q2, SJR=0.38, IF = 1.148, **@2022** Линк

119. Nisar R., Batool Z., Inamullah A., Ghalib A. U.F., Nisar H., Emad S., Haider S. (2022). Dose-dependent alteration of neurobehavioral activities by geraniol a component of essential oil: A study in rats. Pak. J. Pharm. Sci., 35, 1(Suppl), 239-245, SJR = 0.22, Q3, **@2022** Линк

120. Pereira P.S., Oliveira C.V.B., Maia A.J., Vega-Gomez M.C., Rolón M., Coronel C., Duarte A.E., Coutinho H.D.M., Siyadatpanah A., Norouzi R., Sadati S.J.A., Wilairatana P., Silva T.G. (2022). Evaluation of the *In Vitro* Antiparasitic Effect of the Essential Oil of Cymbopogon winterianus and Its Chemical Composition Analysis. Molecules 27, 2753, https://doi.org/ 10.3390/molecules27092753, IF = 4.412, Q1, **@2022** Линк

121. Rogerio C. B., Abrantes D. C., de Oliveira J. L., de Araújo D.R., da Costa T. G., de Lima R., Fraceto L. F. (2022). Cellulose Hydrogels Containing Geraniol and Icaridin Encapsulated in Zein Nanoparticles for Arbovirus Control. ACS Appl. Bio Mater.5, 3, 1273–1283, https://doi.org/10.1021/acsabm.1c01286, IF=3,25, Q1, **@2022** Линк

122. Tahya C. Y, Kolo S. M. D., Karnelasatri. (2022). Antimicrobial and antioxidant properties of *Cymbopogon Nardus* L (citronella grass) oil from Kefamenamu, Timor Tengah Utara Regency, Indonesia. AIP Conference Proceedings 2391, 050003, https://doi.org/10.1063/5.0073012, Published Online: 24 March 2022, (SJR2020 = 0.18), **@2022** Линк

19. Jovtchev G., Stankov A., Ravnachka I.,Gateva S., Dimitrov D., Tyutyundzhiev N., Nikolova N., Angelov Ch. (2019). How can the natural radiation background affect DNA integrity in angiosperm plant species at different altitudes in Rila Mountain (South-West Bulgaria)? Environmental Science and Pollution Research, 26, 13, 13592-13601, DOI:10.1007/s11356-019-04872-1,. Springer, 2019, ISSN:0944-1344, eISSN: 1614-7499, SJR (Scopus):0.828, IF= 3.167.

Цитира се в:

123. Савова С. (2021). Практическо обучение на студенти по проект „Студентски практики“ в Базова екологична обсерватория „Мусала“. Минно дело и геология, 3-4, 58-63, 2021., **@2021** Линк

2020

20. Angelova Ts., Tyutyundzhiev N., Angelov Ch., Gateva S., Jovtchev G.(2020). Induction of micronuclei after prolonged UV irradiation of Poaceae species cultivated in laboratory conditions and wild-growing in Rila Mountain. RAD Conference Proceedings, 4, 39-44. RAD Centre, Niš, Serbia, ISSN:2466-4626 (online), DOI:10.21175/RadProc.2020.08, SJR (Scopus)=0.11

Цитира се в:

124. Çavuşoğlu D., Macar T.K., Macar O., Yalçın E., Çavuşoğlu K. (2021). Extenuating role of lycopene against 254-nm UV-C radiation-mediated damages in *Allium cepa* L. roots. Environmental Science and Pollution Research, 28, 47429–47438, https://doi.org/10.1007/s11356-021-14047-6, 2021-Springer. IF=4.223, Q1, **@2021** Линк

21. Gateva S., Jovtchev G., Chanev C., Georgieva A., Stankov A., Dobreva A., Mileva M.. (2020). Assessment of anti-cytotoxic, anti-genotoxic and antioxidant potential of Bulgarian *Rosa alba* L. essential Oil. Caryologia: International Journal of Cytology, Cytosystematics and Cytogenetics, 73, 3, 71-88.Firenze University Press, 2021, ISSN:2165-5391, DOI:10.13128/caryologia-260, 71-88, SJR (Scopus):0.23, IF =0.968

Цитира се в:

125. Venkatesha K.T., Gupta A., Rai A.N., Jambhulkar S.J., Bisht R., Padalia R.C. (2022). Recent developments, challenges, and opportunities in genetic improvement of essential oil-bearing rose (*Rosa damascena*): A review. Industrial Crops & Products, 184, 114984, Elsevier ISSN: 09266690, https://doi.org/10.1016/j.indcrop.2022.114984, Q1, IF = 5.645, SJR = 1, **@2022** Линк

2021

22. Mileva M., Ilieva Y., Jovtchev G., Gateva S., Zaharieva M.M., Georgieva A., Dimitrova A., Angelova Ts., Vilhelmova-Ilieva N., Valcheva V., Najdenski H. (2021). Rose flowers—A Delicate Perfume or a Natural Healer? Biomolecules, 11, 1, 127, MDPI, 2021, ISSN:2218-273X, DOI:10.3390/biom11010127, SJR (Scopus):1.125, JCR-IF =6.064.

Цитира се в:

126. Bottoni M., Milani F., Galimberti P.M., Vignati L., Romanini P.L., Lavezzo L.,

Martinetti L.; Giuliani C., Fico G. Ca'Granda (2021). Hortus simplicium: Restoring an Ancient Medicinal Garden of XV–XIX Century in Milan (Italy). Molecules 26, MDPI 2021, ID: 6933, DOI: 10.3390/molecules26226933, ISSN: 1420-3049, IF = 4.411, Q1, SJR = 0.87, **@2021** Линк

127. Johnson Jr., W. (2021). Scientific Literature Review for Public Comment, Safety Assessment of *Rosa centifolia*-derived Ingredients as Used in Cosmetics, Panel Meeting Date: September 13-14, Cosmetic Ingredient Review 2021, 1620 L Street, NW, Suite 1200, Washington, DC 20036-4702, PH 202.331.0651, Fax 202.331.0088, **@2021** Линк

128. Pirker T., Pferschy-Wenzig E., Bauer R. (2021). Inhibition of COX-2 mRNA expression by damask rose flowers. In: eBook of Abstracts (for personal use and information of participants throughout the conference, not for citation; abstracts will be published in a special issue of Planta Medica depending on agreement of authors). GA – 69th Annual Meeting 2021, Bonn, Germany Virtual conference, 5 – 8 Sept., Society for Medical Plant and Natural Product Research 2021, PC 9 – 44, 191, **@2021** Линк

129. Slaga T. J., Snyder P. W. (2021). Safety Assessment of *Rosa centifolia*-derived Ingredients as Used in Cosmetics.cir-safety.org, September 13-14, **@2021** Линк

130. Younis I.Y., El-Hawary S. S., Eldahshan O. A., Abdel-Aziz M. M., Ali Z.Y.(2021). Green synthesis of magnesium nanoparticles mediated from *Rosa foribunda* charisma extract and its antioxidant, antiaging and antibioflm activities. Scientifc Reports. 11, 16868, https://doi.org/10.1038/s41598-021-96377-6, IF = 4.379, **@2021** Линк

131. Yousefi B., Shahbazi K., Khamisabady H., Gheitury M. (2021). Assessment of variability of essential oil components in different accessions of Damask rose (*Rosa damascena* Mill.) by multivariate analysis. Trends in Phytochemical Research. 5(4), 199-208, https://dx.doi.org/10.30495/tpr.2021.1940496.1222, **@2021** Линк

132. Zhang X., Chen D., Long M., Wu L., Cai X. (2021). Study on the Quality Stability of Rose Effervescent Tablets and Evaluation of Antioxidant Activity. Converter, 7, 933-946, Q4, **@2021** Линк

133. Alborzi S.S., Roosta A. (2022). The effect of different solvents on the production of rose concrete and rose absolute, experimental study and thermodynamic aspects using the UNIFAC model. Chemical Engineering Research and Design, 184, 326–337, https://doi.org/10.1016/j.cherd.2022.06.017, ISSN: 02638762, 17443563 Elsevier Q1, IF = 3.74, SJR = 0.71, **@2022** Линк

134. Bashir A., Ahmad T., Farooq S., Lone W. I., Manzoor M. M., Nalli Y., Sultan P., Chaubey A., Ali A., Riyaz-Ul-Hassan S. (2022). A Secondary Metabolite of Cercospora sp., Associated with *Rosa damascena*Mill., Inhibits Proliferation, Biofilm

Production, Ergosterol Synthesis and Other Virulence Factors in *Candida albicans*. Fungal Microbiology, 2022, https://doi.org/10.1007/s00248-022-02003-x. IF=4.552, Q1, **@2022** Линк

135. Bentley P.R., Fisher G. C., Dallimer M., Fish R.D., Austen G. E., Irvine K. N., Davies Z. G. (2022). Nature, smells, and human wellbeing. Ambio. 2022, Published: 18 July 2022 https://doi.org/10.1007/s13280-022-01760-w, IF = 6, 934, Q1, **@2022** Линк

136. Galal, T.M.; Al-Yasi, H.M.; Fawzy, M.A.; Abdelkader, T.G.; Hamza, R.Z.; Eid, E.M.; Ali, E.F. . Evaluation of the Phytochemical and Pharmacological Potential of Taif's Rose (*Rosa damascena* Mill var. trigintipetala) for Possible Recycling of Pruning Wastes. Life 12, 273, 2022., IF = 3.817, Q1, **@2022** Линк

137. Katekar V.P., Rao A.B., Sardeshpande V.R. (2022). Review of the rose essential oil extraction by hydrodistillation: An investigation for the optimum operating condition for maximum yield. Sustainable Chemistry and Pharmacy 29, 100783, Elsevier October 2022, ISSN: 2352-5541, DOI: 10.1016/j.scp.2022.100783, Q2, SJR = 0.68, IF = 5.464, **@2022** Линк

138. Koyama S., Heinbockel T. (2022). Chemical Constituents of Essential Oils Used in Olfactory Training: Focus on COVID-19 Induced Olfactory Dysfunction. Front. Pharmacol., Frontiers Media S.A. 2022, 13: 835886. ISSN: 16639812, DOI: 10.3389/fphar.2022.835886, Q1, IF = 5.81, SJR = 1.14, **@2022** Линк

139. Li M., Zhang Y., Xi H., Fu Y., Wang H., Zhang Y., Sun S. (2022). Characterization of Rose Essential Oils by Double-Region Atmospheric Pressure Chemical Ionization Mass Spectrometry (DRAPCI-MS) with Principal Component Analysis (PCA), Hierarchical Cluster Analysis (HCA), and Heatmap Analysis. Analitical Letters. 55, (15), 2382-2393, https://doi.org/10.1080/00032719.2022.2055563, IF = 2.329, Q3, **@2022** Линк

140. Sofiya K., Kumar G.B. (2022). Study on the Effect of Dual Solvent Proportions on Composition of *Rosa x damascena* Concrete Oil Obtained using Soxhlet Extraction Method. Asian Journal of Chemistry, Chemical Publishing Co. 34(1), 78-84, ISSN: 09707077, Q4, SJR=0.16, https://doi.org/10.14233/ajchem.2022.23451, **@2022** Линк