



السنة الدولية لصحة النبات 2020

قائمة بحوث آفات ثمار شجر التفاح

آفات أشجار التفاح

قائمة الأوراق البحثية العربية المنشورة منذ عام 2015 مرتبة حسب عدد الاقتباسات حول ما يلي: عثة ثمار التفاح (*Cydia pomonella*)، مرض العفن الأزرق (*Penicillium expansum*)، مرض العفن البني في التفاح (*Monilinia fructigena*)، مرض العفن الرمادي (*Botrytis cinerea Pers*) مرض جرب التفاح (*Venturia inaequalis*)، فيروس تنقر ثمار التفاح (*Apple dimple fruit viroid*)

المصدر: Scopus

نوع الأوراق: Article & Review

1. [Improving the shelf-life stability of apple and strawberry fruits applying chitosan-incorporated olive oil processing residues coating](#)
Khalifa, I., Barakat, H., El-Mansy, H.A., Soliman, S.A.
(2016) Food Packaging and Shelf Life, 9, pp. 10-19.
2. [Induction of natural defense and protection against *Penicillium expansum* and *Botrytis cinerea* in apple fruit in response to bioelicitors isolated from green algae](#)
Abouraïcha, E., El Alaoui-Talibi, Z., El Boutachfaiti, R., Petit, E., Courtois, B., Courtois, J., El Modafar, C.
(2015) Scientia Horticulturae, 181, pp. 121-128.
3. [β-Chitin and chitosan from squid gladius: Biological activities of chitosan and its application as clarifying agent for apple juice](#)
Abdelmalek, B.E., Sila, A., Haddar, A., Bougatef, A., Ayadi, M.A.
(2017) International Journal of Biological Macromolecules, 104, pp. 953-962.



4. [Essential oil composition and antifungal activity of *Melissa officinalis* originating from north-Est Morocco, against postharvest phytopathogenic fungi in apples](#)
El Ouadi, Y., Manssouri, M., Bouyanzer, A., Majidi, L., Bendaif, H., Elmsellem, H., Shariati, M.A., Melhaoui, A., Hammouti, B.
(2017) Microbial Pathogenesis, 107, pp. 321-326.

5. [CCDF: Automatic system for segmentation and recognition of fruit crops diseases based on correlation coefficient and deep CNN features](#)
Khan, M.A., Akram, T., Sharif, M., Awais, M., Javed, K., Ali, H., Saba, T.
(2018) Computers and Electronics in Agriculture, 155, pp. 220-236.

6. [Patulin transformation products and last intermediates in its biosynthetic pathway, E- and Z-ascladiol, are not toxic to human cells](#)
Tannous, J., Snini, S.P., El Khoury, R., Canlet, C., Pinton, P., Lippi, Y., Alassane-Kpembé, I., Gauthier, T., El Khoury, A., Atoui, A., Zhou, T., Lteif, R., Oswald, I.P., Puel, O.
(2017) Archives of Toxicology, 91 (6), pp. 2455-2467.

7. [A study on the physicochemical parameters for *Penicillium expansum* growth and patulin production: effect of temperature, pH, and water activity](#)
Tannous, J., Atoui, A., El Khoury, A., Francis, Z., Oswald, I.P., Puel, O., Lteif, R.
(2016) Food Science and Nutrition, 4 (4), pp. 611-622.

8. [Development of a real-time PCR assay for *Penicillium expansum* quantification and patulin estimation in apples](#)
Tannous, J., Atoui, A., El Khoury, A., Kantar, S., Chdid, N., Oswald, I.P., Puel, O., Lteif, R.
(2015) Food Microbiology, 50, pp. 28-37.



9. [Patulin and patulin producing *Penicillium* spp. Occurrence in apples and apple-based products including baby food](#)
Hammami, W., Al Thani, R., Fiori, S., Al-Meer, S., Atia, F.A., Rabah, D., Migheli, Q., Jaoua, S.
(2017) *Journal of Infection in Developing Countries*, 11 (4), pp. 343-349.

10. [Secondary metabolism in *Penicillium expansum*: Emphasis on recent advances in patulin research](#)
Tannous, J., Keller, N.P., Atoui, A., El Khoury, A., Lteif, R., Oswald, I.P., Puel, O.
(2018) *Critical Reviews in Food Science and Nutrition*, 58 (12), pp. 2082-2098.

11. [Chemical Variability, Antioxidant and Antifungal Activities of Essential Oils and Hydrosol Extract of *Calendula arvensis* L. from Western Algeria](#)
Belabbes, R., Dib, M.E.A., Djabou, N., Ilias, F., Tabti, B., Costa, J., Muselli, A.
(2017) *Chemistry and Biodiversity*, 14 (5), art. no. e1600482, .

12. [O-Methyltransferases involved in biphenyl and dibenzofuran biosynthesis](#)
Khalil, M.N.A., Brandt, W., Beuerle, T., Reckwell, D., Groeneveld, J., Hänsch, R., Gaid, M.M., Liu, B., Beerhues, L.
(2015) *Plant Journal*, 83 (2), pp. 263-276.

13. [Glucuronan and oligoglucuronans isolated from green algae activate natural defense responses in apple fruit and reduce postharvest blue and gray mold decay](#)
Abouraïcha, E.F., El Alaoui-Talibi, Z., Tadlaoui-Ouafi, A., El Boutachfaiti, R., Petit, E., Douira, A., Courtois, B., Courtois, J., El Modafar, C.
(2017) *Journal of Applied Phycology*, 29 (1), pp. 471-480.



14. [Detoxification of Patulin by Kombucha tea culture](#)
Ismail, A.A., Bassyouni, R.H., Kamel, Z., Gabr, S.M.
(2016) CYTA - Journal of Food, 14 (2), pp. 271-279.

15. [Antifungal activity of essential oil from the fruits of Ammodaucus leucotrichus Coss. & Dur., in liquid and vapour phase against postharvest phytopathogenic fungi in apples](#)
Manssouri, M., Znini, M., El Harrak, A., Majidi, L.
(2016) Journal of Applied Pharmaceutical Science, 6 (5), pp. 131-136.

16. [Essential oils from Algerian species of Mentha as new bio-control agents against phytopathogen strains](#)
Benomari, F.Z., Andreu, V., Kotarba, J., Dib, M.E.A., Bertrand, C., Muselli, A., Costa, J., Djabou, N.
(2018) Environmental Science and Pollution Research, 25 (30), pp. 29889-29900.

17. [Assessment of control strategies against Cydia pomonella \(L.\) in Morocco](#)
Iraqi, S.E., Hmimina, M.
(2016) Journal of Plant Protection Research, 56 (1), pp. 82-88.

18. [Effects of biological and environmental factors on sex ratio in Ascogaster quadridentata Wesmael \(Hymenoptera: Braconidae\), a parasitoid of Cydia pomonella L. \(Tortricidae\)](#)
Mohamad, F., Mansour, M., Ramadan, A.
(2015) Journal of Plant Protection Research, 55 (2), pp. 151-155.



19. [Antifungal activity of essential oils of two plants containing 1,8-cineole as major component: *Myrtus communis* and *Rosmarinus officinalis*](#)
Hmiri, S., Harhar, H., Rahouti, M.
(2015) Journal of Materials and Environmental Science, 6 (10), pp. 2967-2974.

20. [Molecular characterization of patulin producing and non-producing *Penicillium* species in apples from Morocco](#)
Rharmitt, S., Hafidi, M., Hajjaj, H., Scordino, F., Giosa, D., Giuffrè, L., Barreca, D., Criseo, G., Romeo, O.
(2016) International Journal of Food Microbiology, 217, pp. 137-140.

21. [Mortality factors affecting immature stages of codling moth, *Cydia pomonella* \(Lepidoptera: Tortricidae\), and the impact of parasitoid complex](#)
Ismail, M., Albittar, L.
(2016) Biocontrol Science and Technology, 26 (1), pp. 72-85.

22. [A survey for fig-infecting viruses in Palestine](#)
Alkowni, R., Chiumenti, M., Minafra, A., Martelli, G.P.
(2015) Journal of Plant Pathology, 97 (2), pp. 383-386.

23. [The characteristics, occurrence, and toxicological effects of patulin](#)
Saleh, I., Goktepe, I.
(2019) Food and Chemical Toxicology, 129, pp. 301-311.

24. [Essential oil composition and antifungal activity of *Salvia officinalis* originating from North-East Morocco, against postharvest phytopathogenic fungi in apples](#)
El Ouadi, Y., Manssouri, M., Bouyanzer, A., Majidi, L., Lahhit, N., Bendaif, H., Costa, J., Chetouani, A., Elmsellem, H., Hammouti, B.
(2015) Der Pharma Chemica, 7 (9), pp. 95-102.



25. [Development and reproduction of Trichogramma cacoeciae Marchal, 1927 \(Hymenoptera: Trichogrammatidae\) on Cydia pomonella \(Linnaeus, 1758\) \(Lepidoptera: Tortricidae\) eggs](#)
Mansour, M.
(2019) Polish Journal of Entomology, 88 (1), pp. 25-39.

26. [Diversity of pathogenic fungi associated with apples in cold storage facilities in Tunisia](#)
Bahri, B.A., Belaid, Y., Mechichi, G., Rouissi, W.
(2019) Journal of the American Pomological Society, 73 (1), pp. 62-75.

27. [Use killer toxin extracted from Bakery yeast for extending shelf life of fruits](#)
Alsoufi, M.A., Aziz, R.A.
(2017) Pakistan Journal of Biotechnology, 14 (1), pp. 23-27.

28. [Impact of Temperatures on the Voltinism of Cydia pomonella \(Lepidoptera: Tortricidae\)](#)
El Iraqui, S., Hmimina, M.
(2016) Annals of the Entomological Society of America, 109 (5), pp. 698-704.

29. [Possible functional co-operation of palindromes hr3 and hr4 in the genome of cydia pomonella granulovirus affects viral replication capacity](#)
Elmenofy, W.H., Jehle, J.A.
(2015) Journal of General Virology, 96 (9), pp. 2888-2897.

30. [Effects of a photoselective netting system on Fuji and Jonagold apples in a Mediterranean orchard](#)
Aoun, M., Manja, K.
(2020) Scientia Horticulturae, 263, art. no. 109104, .



31. [Biocontrol activity and putative mechanism of *Bacillus amyloliquefaciens* \(SF14 and SP10\), *Alcaligenes faecalis* ACBC1, and *Pantoea agglomerans* ACBP1 against brown rot disease of fruit](#)
Lahlali, R., Aksissou, W., Lyoufsi, N., Ezrari, S., Blenzar, A., Tahiri, A., Ennahli, S., Hrustić, J., MacLean, D., Amiri, S.
(2020) *Microbial Pathogenesis*, 139, art. no. 103914, .

32. [Melatonin and its protective role against biotic stress impacts on plants](#)
Moustafa-Farag, M., Almoneafy, A., Mahmoud, A., Elkelish, A., Arnao, M.B., Li, L., Ai, S.
(2020) *Biomolecules*, 10 (1), art. no. 54, .

33. [Storage of the egg-larval parasitoid, *ascogaster quadridentata* \(Hym.: Braconidae\) inside its host larvae, *cydia pomonella* under diapause conditions](#)
Mohamad, F.
(2020) *Journal of Crop Protection*, 9 (1), pp. 57-64.

34. [Effects of cold-storage facility characteristics on the virulence and sporulation of *penicillium expansum* and the efficacy of essential oils against blue mold rot of apples](#)
Bahri, B.A., Mechichi, G., Rouissi, W., Ben Haj Jilani, I., Ghrabi-Gammar, Z.
(2019) *Folia Horticulturae*, pp. 301-317.

35. [Studies on interactions between parasitoids: The case of the idiobiont *Trichogramma cacoeciae* and the koinobiont *Ascogaster quadridentata* on *Cydia pomonella* eggs](#)
Ksentini, I., Herz, A.
(2019) *Bulletin of Insectology*, 72 (2), pp. 207-218.



36. [Study of life table of cydia pomonella l. At different constant temperatures under laboratory conditions](#)
Elhaj, S.I., Bashir, A.N., Aslan, L.
(2018) Arab Journal of Plant Protection, 36 (2), pp. 86-93.

37. [New epiphytic yeasts able to reduce grey mold disease on apples](#)
Kheireddine, A., Essghaier, B., Hedi, A., Dhieb, C., Sadfi-Zouaoui, N.
(2018) Plant Protection Science, 54 (4), pp. 248-257.

38. [Parasitoids on codling moth Cydia pomonella \(Lepidoptera: Tortricidae\) in apple and walnut orchards in Syria](#)
Basheer, A.M., Alhaj, S.I., Asslan, L.H.
(2016) EPPO Bulletin, 46 (2), pp. 295-297.

39. [The efficiency of using some medicinal and aromatic plant extracts on keeping quality and resists postharvest diseases of apple](#)
Mahmoud, G.A.
(2016) International Journal of ChemTech Research, 9 (9), pp. 178-187.

40. [Synthesis of new phenolics products from R-\(-\)-carvone and the study of their impacts on some fungal decay of apple in post-harvest](#)
Oubair, A., Fihi, R., Mazouz, H.
(2015) Journal of Materials and Environmental Science, 6 (10), pp. 2688-2693.