السنة الدولية لصحة النبات 2020

قائمة بحوث آفات الجذور في القمح

آفات القمح

قائمة الأوراق البحثية العربية المنشورة منذ عام 2015 مرتبة حسب عدد الاقتباسات حول ما يلي: النيماتودا الحويصلية (Heterodera spp)، نيماتودا تقرح الجذور (Pratylenchus spp)، النيماتودا الحلزونية (Helicotylenchus spp)، نيماتودا التقزم (Tylenchorhynchus spp)، مرض عفن الجذور العام للقمح (Bipolaris sorokiniana)، عفن جذور الفيتوفثورا (Pythium spp)، عفن جذور الحنطة (Rhizoctonia solani)، طفيل جذور الحبوب (Polymyxa graminis)، لفحة الفيوزاريوم أو مرض عفن جذور وتاج القمح (Fusarium graminearum, F. avenaceum, F. pseudograminearum, F. culmorum).

المصدر: Scopus

نوع الأوراق: Article & Review

1. Root-hair endophyte stacking in finger millet creates a physicochemical barrier to trap the fungal pathogen Fusarium graminearum
   Mousa, W.K., Shearer, C., Limay-Rios, V., Ettinger, C.L., Eisen, J.A., Raizada, M.N.
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2. Antagonist effects of Bacillus spp. strains against Fusarium graminearum for protection of durum wheat (Triticum turgidum L. subsp. durum)
   Zalila-Kolsi, I., Ben Mahmoud, A., Ali, H., Sellami, S., Nasfi, Z., Tounsi, S., Jamoussi, K.
   (2016) Microbiological Research, 192, pp. 148-158.

3. Ijuhya vitellina sp. nov., a novel source for chaetoglobosin A, is a destructive parasite of the cereal cyst nematode Heterodera filipjevi
Ashrafi, S., Helaly, S., Schroers, H.-J., Stadler, M., Richert-Poeggeler, K.R., Dababat, A.A., Maier, W.
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4. Biocontrol and plant growth promoting properties of Streptomyces mutabilis strain IA1 isolated from a Saharan soil on wheat seedlings and visualization of its niches of colonization
Toumatia, O., Compant, S., Yekkour, A., Goudjal, Y., Sabaou, N., Mathieu, F., Sessitsch, A., Zitouni, A.
(2016) South African Journal of Botany, 105, pp. 234-239.

5. Wheat Dehydrin K-Segments Ensure Bacterial Stress Tolerance, Antiaggregation and Antimicrobial Effects
Drira, M., Saibi, W., Amara, I., Masmoudi, K., Hanin, M., Brini, F.
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6. Population genetic structure and mycotoxin potential of the wheat crown rot and head blight pathogen Fusarium culmorum in Algeria
Laraba, I., Boureghda, H., Abdallah, N., Bouaicha, O., Obanor, F., Moretti, A., Geiser, D.M., Kim, H.-S., McCormick, S.P., Proctor, R.H., Kelly, A.C., Ward, T.J., O'Donnell, K.
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7. Genome-wide association study in wheat identifies resistance to the cereal cyst nematode heterodera filipjevi
Pariyar, S.R., Dababat, A.A., Sannemann, W., Erginbas-Orakci, G., Elashry, A., Siddique, S., Morgounov, A., Leon, J., Grundler, F.M.W.
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8. In vitro assessment of Fusarium head blight spp. on wheat cultivars
Sakr, N.
(2017) Archives of Phytopathology and Plant Protection, 50 (5-6), pp. 254-261.

9. Aggressiveness of four fusarium head blight species on wheat cultivars
Sakr, N.
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10. Antifungal Activity of Aqueous Extracts of Some Dominant Algerian Medicinal Plants
Salhi, N., Mohammed Saghir, S.A., Terzi, V., Brahmi, I., Ghedairi, N., Bissati, S.
(2017) BioMed Research International, 2017, art. no. 7526291, .

11. A new player contributing to durable Fusarium resistance
Lagudah, E.S., Krattinger, S.G.
(2019) Nature Genetics, 51 (7), pp. 1070-1071.

12. Biological control of pathogens associated with kernel black point disease of wheat
El-Gremi, S.M., Draz, I.S., Youssef, W.A.-E.
(2017) Crop Protection, 91, pp. 13-19.

13. Diversity of root-lesion nematodes (Pratylenchus spp.) associated with wheat (Triticum aestivum and T. durum) in Morocco
Mokrini, F., Waeyenberge, L., Viaene, N., Andaloussi, F.A., Moens, M.
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14. Identification and characterisation of resistance to the cereal cystnematode Heterodera filipjevi in winter wheat
Pariyar, S.R., Dababat, A.A., Siddique, S., Erginbas-Orakci, G., Elashry, A., Morgounov, A., Grundler, F.M.W.
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15. Characterization of cereal cyst nematodes (Heterodera spp.) in Morocco based on morphology, morphometrics and rDNA-ITS sequence analysis
Mokrini, F., Viaene, N., Waeyenberge, L., Dababat, A.A., Moens, M.
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16. Pathogenicity and trichothecenes production of Fusarium culmorum strains causing head blight on wheat and evaluation of resistance of the varieties cultivated in Algeria
Touati-Hattab, S., Barreau, C., Verdal-Bonnin, M.-N., Chereau, S., Richard-Forget, F., Hadjout, S., Mekliche, L., Bouznad, Z.
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17. Aggressiveness variation among and within fusarium head blight species on barley in vitro
Sakr, N.
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18. Efficacy of some rhizospheric and endophytic bacteria in vitro and as seed coating for the control of Fusarium culmorum infecting durum wheat in Tunisia
Mnasri, N., Chennaoui, C., Gargouri, S., Mhamdi, R., Hessini, K., Elkahoui, S., Djébali, N.
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19. Genetic variation and biological control of Fusarium graminearum isolated from wheat in Assiut-Egypt
Mahmoud, A.F.
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Hassan, Z.U., Al Thani, R., Balmas, V., Migheli, Q., Jaoua, S.
(2019) Food Control, 104, pp. 224-230.

21. Seed inoculation with endophytic fungal entomopathogens promotes plant growth and reduces crown and root rot (CRR) caused by Fusarium culmorum in wheat
Jaber, L.R.
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El-Naggar, M.A., Alrajhi, A.M., Fouda, M.M., Abdelkareem, E.M., Thabit, T.M., Bouqellah, N.A.
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Baklawa, M., Niere, B., Heuer, H., Massoud, S.
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24. Intra- and inter-species variability of the aggressiveness in four Fusarium head blight species on durum wheat plants detected in an in vitro Petri-dish assay
Sakr, N.
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25. Cereal cyst nematodes: importance, distribution, identification, quantification, and control
Toumi, F., Waeyenberge, L., Viaene, N., Dababat, A.A., Nicol, J.M., Ogbonnaya, F., Moens, M.
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Chekali, S., Gargouri, S., Rezgui, M., Paulitz, T., Nasraoui, B.
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27. A quantitative proteomics view on the function of Qfhb1, a major QTL for fusarium head blight resistance in wheat
Eldakak, M., Das, A., Zhuang, Y., Rohila, J.S., Glover, K., Yen, Y.
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29. Identification and quantification of fumonisin-producing Fusarium species in grain and soil samples from Egypt and the Philippines
Hussien, T., Carlobos-Lopez, A.L., Cumagun, C.R., Yli-Mattila, T.
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Owaid, M.N., Al-Saeedi, S.S.S., Al-Assaffii, I.A.A.
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31. Biocontrol and plant-growth-promoting capacities of actinobacterial strains from the Algerian Sahara and characterisation of Streptosporangium becharense SG1 as a promising biocontrol agent
Boukaya, N., Goudjal, Y., Zamoum, M., Chaabane Chaouch, F., Sabaou, N., Mathieu, F., Zitouni, A.
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Al-Chaabi, S., Al-Masri, S., Nehlawi, A., Al-Matroud, L., Abu-Fadel, T.
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Yli-Mattila, T., Rämö, S., Hussien, T., Rauvola, M., Hietaniemi, V., Kaitaranta, J.
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34. Unconventional alternatives for control of tomato root rot caused by Rhizoctonia solani under greenhouse conditions
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35. Occurrence of polymyxa graminis ribotypes in Germany and their association with different host plants and viruses
Ziegler, A., Fomitcheva, V., Zakri, A.M., Kastirr, U.
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36. Wheat protection from root rot caused by Fusarium culmorum using silver nanoparticles
Rashed, A.-O.M., Mohamed, A.-E.-A.A.R., Abobakr, M.M.
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37. Green-synthesization of silver nanoparticles using endophytic bacteria isolated from garlic and its antifungal activity against wheat fusarium head blight pathogen fusarium graminearum
Ibrahim, E., Zhang, M., Zhang, Y., Hossain, A., Qiu, W., Chen, Y., Wang, Y., Wu, W., Sun, G., Li, B.
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38. Genome-wide association study for multiple biotic stress resistance in synthetic hexaploid wheat
Bhatta, M., Morgounov, A., Belamkar, V., Wegulo, S.N., Dababat, A.A., Erginbas-Orakci, G., Bouhssini, M.E., Gautam, P., Poland, J., Akci, N., Demir, L., Wanyera, R., Baenziger, P.S.
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39. Antifungal inhibitory activity of thymus vulgarisl.and Artemisia herba-alba powder and its constituent phytochemicals against Aspergillus ochraceus and fusarium graminearum growth
Al-Baldawy, M.S.M., Matloob, A.A.A.H., Khaeim, H.M.
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Spanu, F., Scherm, B., Camboni, I., Balmas, V., Pani, G., Oufensou, S., Macciotta, N., Pasquali, M., Migheli, Q.
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41. Geographic distribution of Fusarium culmorum chemotypes associated with wheat crown rot in Iraq
Matny, O.N., Bates, S.T., Song, Z.
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42. Variation in resistance to spot blotch and the aggressiveness of Bipolaris sorokiniana on barley and wheat cultivars
Al-Sadi, A.M.
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43. Synthesis, Spectroscopic Studies of Fluorinated Pyrimido-1,2,4-Triazines: Protective Effect Against Some Plant Pathogenic Fungi
Aqlan, F.M.S., Makki, M.S.T., Abdel-Rahman, R.M.
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Albdaiwi, R.N., Khyami-Horani, H., Ayad, J.Y., Alananbeh, K.M., Al-Sayaydeh, R.
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47. Occurrence of Fusarium head blight and Fusarium crown rot in Algerian wheat: identification of associated species and assessment of aggressiveness
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54. Specific Detection and Identification of Fusarium graminearum Sensu Stricto Using a PCR-RFLP Tool and Specific Primers Targeting the Translational Elongation Factor 1a Gene
Hafez, M., Abdelmagid, A., Adam, L.R., Daayf, F.
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Allali, K., Goudjal, Y., Zamoum, M., Bouznada, K., Sabaou, N., Zitouni, A.
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56. Study of the fungal complex responsible for root rot of wheat and barley in the north-west of Morocco
Qostal, S., Kribel, S., Chliyeh, M., Serghat, S., KarimaSelmaoui, A.O.T., Zaarati, H., Benkirane, R., Douira, A.
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Yli-Mattila, T., Hussien, T., Gavrilova, O., Gagkaeva, T.
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Baklawa, M., Niere, B., Massoud, S.
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El-Maraghy, S.S., Tohamy, T.A., Hussein, K.A.
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Wahdan, S.F.M., Hossen, S., Tanunchai, B., Schädler, M., Buscot, F., Purahong, W.
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Hashi, M.A.K., Kareem, T.A.A.S.
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Alkooranee, J.T.
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Zohra, R., Aissa, M., Miloud, H., Nadia, T.
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Dababat, A., İmren, M., Pridannikov, M., Özer, G., Zhapayev, R., Mokrini, F., Otemissova, A., Yerimbetova, A., Morgounov, A.
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Liu, N., Wu, S., Dawood, D.H., Tang, G., Zhang, C., Liang, J., Chen, Y., Ma, Z.
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73. Comparative pathogenesis of 7 fusarium spp. species and bipolaris sorokiniana obtained from necrotic lesions of wheat roots and barley plants (North-Western Morocco)
Qostal, S., Kribel, S., Chliyeh, M., Selmaoui, K., Touhami, A.O., Serghat, S., Benkirane, R., Douira, A.
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Baha Eddine, S., EL Yousfi, B., Douira, A.
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77. Pyocyanin, a Metabolite of Pseudomonas Aeruginosa, Exhibits Antifungal Drug Activity through Inhibition of a Pleiotropic Drug Resistance Subfamily FgABC3
Houshaymi, B., Awada, R., Kedees, M., Soayfane, Z.
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Smaha, D., Mokrini, F., İmren, M., Mokabli, A., Dababat, A.A.
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79. Occurrence of nematode-antagonistic fungi and bacteria associated with phytonematodes in the rhizosphere of wheat grown in different governorates of Egypt
Korayem, A.M., Mohamed, M.M.M., Noweer, E.M.A., Abd-El-Khair, H., Hammam, M.M.A.
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Matny, O., Shamsallah, S., Fahad, M.A., Haas, M.
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81. Detection of trichothecens chemotype produced by fusarium graminearum isolated from grains using specific PCR assays
Alhamdani, H.-A.A.A., Al-Ani, M.Q., Al-Kubaisi, S.M.A., Alhamdani, A.A.
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Oufensou, S., Balmas, V., Scherm, B., Rau, D., Camiolo, S., Prota, V.A., Benattia, M., Gargouri, S., Pasquali, M., El-Bok, S., Migheli, Q.
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83. Incidence of Fusarium foot and root rot of cereals under conservation agriculture in north west Tunisia
Chekali, S., Gargouri, S., Hammouda, M.B., M'Hamed, H.C., Nasraoui, B.
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84. Incidence and geographical distribution of the cereal cyst nematode (CCN, heterodera spp.) in winter wheat fields in algeria [Incidència i distribució geogràfica del nematode enquistat dels cereals (CCN, Heterodera spp.) en camps de blat d'hivern d'Algèria] [Incidencia y distribución geográfica del nematodo enquistado de los cereales (CCN, Heterodera spp.) en campos de trigo de invierno de Argelia]
Djetti, T., Hammache, M., Doumandji, S.
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