

PUBLICACIONES CIENTÍFICAS 2019-2024

*Autores con igual contribución; ¹publicación en colaboración con grupos o centros internacionales;

^Npublicación en colaboración con otros grupos o centros nacionales.

1. ¹Aloi, F., Luque-Cruz, C., Agustí-Brisach, C., Spadaro, D., Guarnaccia, V. 2024. First report of almond decline syndrome caused by *Neofusicoccum parvum* in Italy. *Plant Disease*, 108: 3415 <https://doi.org/10.1094/PDIS-07-24-1538-PDN> (IF: 4.4; Q1).
2. ^NAntón-Domínguez, B.I., Arquero, O., Lovera, M., Trapero, A., Agustí-Brisach, C., Trapero, C. 2024. Resistance of pistachio grafted on different *Pistacia* rootstocks against *Verticillium* wilt under field conditions. *Plant Pathology*, 73: 2466-2476, <https://doi.org/10.1111/ppa.13978> (IF: 2.4; Q2).
3. ^NSevillano-Caño, J., García, M.J., Córdoba-Galván, C., Luque-Cruz, C., Agustí-Brisach, C., Lucena, C., Ramos, J., Pérez-Vicente, R., Romera, F.J. 2024. Exploring the role of *Debaryomyces hansenii* as biofertilizer in iron-deficient environments to enhance plant nutrition and crop production sustainability. *International Journal of Molecular Sciences*, 25: 5729 <https://doi.org/10.3390/ijms25115729> (IF: 4.9; Q1).
4. ^NAntón Domínguez, B., López Moral, A., Romero-Salguero, F.J., Trapero, A., Trapero, C., Agustí-Brisach, C. 2024. Bioprotection of olive trees against *verticillium* wilt by pomegranate and carob extracts. *Plant Disease*, 108: 1073-1082. <https://doi.org/10.1094/PDIS-09-23-1770-RE> (IF: 4.4; Q1).
5. ^NSevillano-Cano, J., Núñez-Cano, J., Prieto, P., Trapero, A., Sánchez-Rodríguez, R., Agustí-Brisach, C. 2024. The endophytic role and growth-promoting ability of the nonpathogenic strain *Fusarium oxysporum* FO12 in herbaceous hosts. *Scientia Horticulturae*, 332: 113220. <https://doi.org/10.1016/j.scienta.2024.113220> (IF: 4.2; Q1).
6. ¹Antón-Domínguez, B.I., Díaz-Díaz, M., Acedo-Antequera, F.A., Trapero, C., Agustí-Brisach, C. 2024. Use of natural-based commercial products as an alternative for providing bioprotection against *Verticillium* wilt of olive. *Journal of the Science of Food and Agriculture*, 104: 6311-6321 <https://doi.org/10.1002/jsfa.13461> (IF: 3.5; Q1).
7. ^NLópez-Moral, A., Antón-Domínguez, B.I., Lovera, M., Arquero, O., Trapero, A., Agustí-Brisach, C. 2024. Identification and pathogenicity of *Fusarium* species associated with crown rot in almond (*Prunus dulcis*) crop. *Scientific Reports*, 14: 5720 <https://doi.org/10.1038/s41598-024-56350-5> (IF: 4.6; Q1).
8. ^NLlorens, E*, López-Moral, A*, Agustí-Brisach, C. 2024. Root exudates metabolic profiling confirms distinct defense mechanisms between cultivars and with beneficial microorganisms and phosphonate salts against *Verticillium* wilt in olive tree. *Phytopathology*, 114: 1393-1400 <https://doi.org/10.1094/PHTO-10-23-0406-R> (IF: 3.1; Q2).
9. ¹Martino, I., Agustí-Brisach, C., Nari, L., Gullino, M.L., Guarnaccia, V. 2024. Characterization and pathogenicity of fungal species associated with dieback of apple trees in Northern Italy. *Plant Disease*, 108: 311-331, <https://doi.org/10.1094/PDIS-04-23-0645-RE> (IF: 4.4; Q1).
10. ¹Díaz-Díaz, M., Antón-Domínguez, B.I., Raya, M.C., Bernal-Cabrera, A., Medina-Marrero R., Trapero, A., Agustí-Brisach, C. 2024. *Streptomyces* spp. strains as potential biological control agents against *Verticillium* wilt of olive. *Journal of Fungi*, 10: 138 <https://doi.org/10.3390/jof10020138> (IF: 4.0; Q2).
11. ^NAldebis, H.K., Santos-Rufo, A., Eldesouki-Arafat, I., Vargas-Osuna, E., Moral, J., Trapero, A., López-Escudero, F.J. 2024. Olive Escudete (Dalmatian Disease) caused by *Botryosphaeria dothidea* as a result of fly-midge-fungus interaction. *Horticulturae*, 10: 321. <https://doi.org/10.3390/horticulturae10040321>.

12. ^NPalomares-Rius, J.E., Clavero-Camacho, I., Cantalapiedra-Navarrete, C., Roca, L.F., Archidona-Yuste, A., Castillo, P. 2023. First report of *Heterodera zeae* Koshy, Swarup & Sethi, 1971 (corn cyst Nematode) infecting corn (*Zea mays*) in Spain. *Plant Disease*, 107: 2557 <https://doi.org/10.1094/PDIS-02-23-0362-PDN> (IF: 4.5; Q1).
13. ^NNúñez-Cano, J., Romera, F.J., Prieto, P., García, M.J., Sevillano-Caño, J., Agustí-Brisach, C., Pérez-Vicente, R., Ramos, J., Lucena, C. 2023. Effect of the nonpathogenic strain *Fusarium oxysporum* FO12 on Fe acquisition in rice (*Oryza sativa* L.) plants. *Plants*, 12: 3145 <https://doi.org/10.3390/plants12173145> (IF: 4.5; Q1).
14. ^{LN}López-Moral, A., Lovera, M., Antón-Domínguez, B.I., Michailides, T.J., Arquero, O., Trapero, A., Agustí-Brisach, C. 2023. Effects of cultivar susceptibility, fruit maturity, and natural wounds on infection of English walnut (*Juglans regia* L.) by Botryosphaeriaceae and *Diaporthe* fungi. *Journal of Plant Pathology*, 105:1391–1401 <https://doi.org/10.1007/s42161-023-01492-0> (IF: 2.2; Q2).
15. ^NAntón-Domínguez, B.I., López-Moral, A., Raya, M.C., Lovera, M., Melgar, S., Roca, L.F., Arquero, O., Trapero, A., Agustí-Brisach, C. 2023. Fungal pathogens associated with almond decline syndrome, an emerging disease complex in intensive almond crops in southern Spain. *Plant Disease*, 107: 3737-3753 <https://doi.org/10.1094/PDIS-04-23-0759-RE> (IF: 4.5; Q1).
16. ^IGusella, G., La Quatra, G., Agustí-Brisach, C., Trapero, A., Polizzi, G. 2023. Elucidating the almond constriction canker caused by *Diaporthe amygdali* in Sicily (South Italy). *Journal of Plant Pathology*, 105: 987-1000 <https://doi.org/10.1007/s42161-023-01420-2> (IF: 2.2; Q2).
17. ^NCarbonero-Pacheco, J., Aguilar, J., Raya, M.C., Trapero, A., Gaju-Ricart, M., Agustí-Brisach, C. 2023. Diversity of cellulolytic microorganisms associated with the subterranean termite *Reticulitermes grassei*. *Journal of Fungi*, 9: 294 <https://doi.org/10.3390/jof9030294> (IF: 4.7; Q2).
18. ^{LN}García, T., Serrano, M.S., Camiletti, B., Gordon, A., Estudillo, C., Trapero, A., Muñoz, C., Moral, J. 2023. Study of the competition between *Colletotrichum godetiae* and *C. nymphaeae*, two pathogenic species in olive. *Scientific Reports*, 13: 5344. <https://doi.org/10.1038/s41598-023-32585-6> (IF: 4.6; Q1).
19. ^NSantos-Rufo, A., Molina-Molina, M., Alcántara-Vara, E., Weiland-Ardáiz, C., López-Escudero, F.J. 2023. Vessel anatomical features of ‘Picual’ and ‘Frantoio’, two olive cultivars different in resistance against *Verticillium* Wilt of olive. *Plants*, 12: 2910. <https://doi.org/10.3390/plants12162910> (IF: 4.5; Q1).
20. ^NLópez-Moral, A.*, Agustí, C.*, Ruiz-Prados, M.D., Lovera, M., Luque, F., Arquero, O., Trapero, A. 2023. Biological and urea treatments reduce the primary inoculum of red leaf blotch of almond caused by *Polystigma amygdalinum*. *Plant Disease*, 107: 2088-2095 <https://doi.org/10.1094/PDIS-04-22-0957-RE> (IF:4.5; Q1).
21. ^IDíaz-Díaz, M., Bernal-Cabrera, A., Trapero, A., Jiménez-González, A., Medina-Marrero, R., Cupull-Santana, R.D., Águila-Jiménez, E., Agustí-Brisach, C. 2023. Biocontrol of root rot complex disease of *Phaseolus vulgaris* by *Streptomyces* sp. strains in the field. *Crop Protection*, 165: 106164 <https://doi.org/10.1016/j.cropro.2022.106164> (IF:2.8; Q2).
22. ^NLópez-Moral, A., Sánchez-Rodríguez, A.R., Trapero, A., Agustí-Brisach, C. 2023. Establishment of a method to collect root exudates from olive plants and its validation by determining the effect of root exudates against *Verticillium dahliae*. *Plant and Soil*, 483: 625-642 <https://doi.org/10.1007/s11104-022-05770-1> (IF: 4.9; Q1).
23. ^NAgustí-Brisach, C., Castillo, P., María Luisa Lerma, M.L., López-Moral, A., Trapero, A., Muñoz, R.M. 2023. First report of *Apiospora marii* causing wilt and dieback in olive trees in Spain. *Journal of Plant Pathology*, 105: 359 <https://doi.org/10.1007/s42161-022-01275-z> (IF: 2.2; Q2).
24. ^NLlorens, E., Agustí-Brisach, C. 2022. (Editorial) Biocontrol of plant diseases by means of antagonist microorganisms, biostimulants and induced resistance as alternatives to chemicals. *Plants*, 11: 3521 <https://doi.org/10.3390/plants11243521> (IF: 4.5; Q1).

25. Romero, J., Santa-Bárbara, A.E., Moral, J., Agustí-Brisach, C., Roca, L.F., Trapero, A. 2022. Effect of latent and symptomatic infections by *Colletotrichum* spp. in olives and oil quality. *European Journal of Plant Pathology*, 163:545-556 <https://doi.org/10.1007/s10658-022-02494-x> (IF: 1.8; Q2).
26. ^{1N}López-Moral, A., Lovera, M., Antón-Domínguez, B.I., Gámiz, A.M., Michailides, T.J., Arquero, O., Trapero, A., Agustí-Brisach, C. 2022. Effects of cultivar susceptibility, branch age, and temperature on the infection by Botryosphaeriaceae and *Diaporthe* fungi in English walnut (*Juglans regia* L.). *Plant Disease*, 106: 2920-2926 <https://doi.org/10.1094/PDIS-09-21-2042-RE> (IF: 4.5; Q1).
27. ¹Díaz-Díaz, M., Bernal-Cabrera, A., Trapero, A., Medina-Marrero, R., Sifontes-Rodríguez, S., Cupull-Santana, R.D., García-Bernal, M., Agustí-Brisach, C. 2022. Characterization of actinobacterial strains as potential biocontrol agents against *Macrophomina phaseolina* and *Rhizoctonia solani*, the main soil-borne pathogens of *Phaseolus vulgaris* in Cuba. *Plants*, 11: 645 <https://doi.org/10.3390/plants11050645> (IF: 4.5; Q1).
28. Santos-Rufo, A., Pérez-Rodríguez, M., Serrano, J., Roca L.F., López-Escudero, F.J., 2022. Effect of previous crops and soil physicochemical properties on the population of *Verticillium dahliae* in the Iberian Peninsula. *Journal of Fungi*, 8: 988 <https://doi.org/10.3390/jof8100988> (IF: 4.7; Q2).
29. López-Moral, A., Agustí-Brisach, C., Leiva-Egea, F.M., Trapero, A. 2022. Influence of the cultivar and biocontrol treatments on the effect of olive stem extracts on the viability of *Verticillium dahliae* conidia. *Plants*, 11: 554 <https://doi.org/10.3390/plants11040554> (IF: 4.5; Q1).
30. ^NMuñoz, R.M., Lerma, M.L., Castillo, P., Tolosa, V.M., Olmo, D., Trapero, A., Agustí-Brisach, C. 2022. First report of *Lasiodiplodia theobromae* causing crown canker of almond in Spain. *Journal of Plant Pathology*, 104: 411-412 <https://doi.org/10.1007/s42161-021-00977-0> (IF: 2.2; Q2).
31. ^NLópez-Moral, A., Agustí-Brisach, C., Raya, M.C., Lovera, M., Trapero, C., Arquero, A., Trapero, A. 2022. Etiology of septoria leaf spot of pistachio in southern Spain. *Plant Disease*, 106: 406-417 <https://doi.org/10.1094/PDIS-02-21-0331-RE> (IF: 4.5; Q1).
32. ^NLópez-Moral, A., Llorens, E., Scalschi, L., García-Agustín, P., Trapero, A., Agustí-Brisach, C. 2022. Resistance induction in olive tree (*Olea europaea*) against Verticillium Wilt by two beneficial microorganisms and a copper phosphite fertilizer. *Frontiers in Plant Science*, 13: 831794 <https://doi.org/10.3389/fpls.2022.831794> (IF: 5.6; Q1).
33. ^NLópez-Moral, A., Agustí-Brisach, C., Ruiz-Blancas, C., Antón-Domínguez, B., Alcántara, E., Trapero, A. 2022. Elucidating the effect of nutritional imbalances of N and K on the infection of *Verticillium dahliae* in olive. *Journal of Fungi*, 8:139 <https://doi.org/10.3390/jof8020139> (IF: 4.7; Q2).
34. Pérez-Rodríguez, M., Heis Serrano, J., Roca Castillo, L.F., López-Escudero, F.J. 2022. Effect of previous crops and soil physicochemical properties on the population of *Verticillium dahliae* in the Iberian Peninsula. *Journal of Fungi*, 8: 988 <https://doi.org/10.3390/jof8100988> (IF: 4.7; Q2).
35. Pérez-Rodríguez, M., Santos-Rufo, A., López-Escudero, F.J. 2022. High input of nitrogen fertilization and short irrigation frequencies forcefully promote the development of Verticillium Wilt of olive. *Plants*, 11:3551 <https://doi.org/10.3390/plants11243551> (IF: 4.5; Q1).
36. ¹Moral, J*, Agustí-Brisach, C*, Raya, M.C., Jurado-Bello, J., López-Moral, A., Roca, L.F., Chattaoui, M., Rhouma, A., Nigro, F., Sergeeva, V., Trapero, A. 2021. Diversity of *Colletotrichum* species associated with olive anthracnose worldwide. *Journal of Fungi*, 7: 741 <https://doi.org/10.3390/jof7090741> (IF: 5.724; Q1).
37. ¹Romero, J., Moral, J., González-Domínguez, E., Agustí-Brisach, C., Roca, L.F., Rossi, V., Trapero, A. 2021. Logistic models to predict olive anthracnose under field conditions. *Crop Protection*, 148: 105714 <https://doi.org/10.1016/j.cropro.2021.105714> (IF: 3.036; Q1).
38. ¹Reghmit, A., Benzina-tihar, F., López Escudero, F.J., Halouane-Sahir, F., Oukali, Z., Bensmail, S., Ghozali, N. 2021. *Trichoderma* spp. isolates from the rhizosphere of healthy olive trees in northern Algeria and their biocontrol potentials against the olive wilt pathogen, *Verticillium dahliae*. *Organic Agriculture*, 11: 639-657 <https://doi.org/10.1007/s13165-021-00371-1> (IF: 2.39; Q2)

39. López-Moral, A., Agustí-Brisach, C., Trapero, A. 2021. Plant biostimulants: new Insights into the biological control of Verticillium Wilt of olive. *Frontiers in Plant Science*, 12: 662178 <https://doi.org/10.3389/fpls.2021.662178> (IF: 6.627; D1).
40. ^NValverde, P., Trapero, C., Arquero, O., Serrano, N., Barranco, D., Muñoz Díez, C., López-Escudero, F.J. 2021. Highly infested soils undermine the use of resistant olive rootstocks as a control method of verticillium wilt. *Plant Pathology*, 70: 144-153 <https://doi.org/10.1111/ppa.13264> (IF: 2.7; Q2).
41. ^NValverde, P., Trapero, C., Barranco, D., López-Escudero, F.J., Gordon, A., Muñoz C. 2021. Assessment of Maternal effects and genetic variability in resistance to *Verticillium dahliae* in Olive Progenies. *Plants*, 10: 1534 <https://doi.org/10.3390/plants10081534> (IF: 3.935; Q1).
42. Agustí-Brisach, C., Jiménez-Urbano, J.P., Raya, M.C., López-Moral, A., Trapero, A. 2021. Vascular fungi associated with branch dieback of olive in super-high-density systems in southern Spain. *Plant Disease*, 105: 797-818 <https://doi.org/10.1094/PDIS-08-20-1750-RE> (IF:4.614; Q1).
43. ^{1,N}El Desouki-Arafat, I., Aldebis-Albunnai, H., Vargas-Osuna, E., Trapero, A., López-Escudero, F.J. 2021. Lack of evidence for transmission of *Verticillium dahliae* by the Olive Bark Beetle *Phloeotribus scarabaeoides* in olive trees. *Pathogens*, 10: 534 <https://doi.org/10.3390/pathogens10050534> (IF:3.7; Q2).
44. ^NAgustí-Brisach, C., Moldero, D., Raya, M.C., Lorite, I.J., Orgaz, F., Trapero, A. 2020. Water stress enhances the progression of branch dieback and almond decline under field conditions. *Plants*, 9: 1213 <https://doi.org/10.3390/plants9091213> (IF: 3.9; Q1).
45. ^NLópez-Moral, A., Agustí Brisach, C., Lovera, M., Arquero, O., Trapero, A. 2020. Almond anthracnose: current knowledge and future perspectives. *Plants* 9: 945 <https://doi.org/10.3390/plants9080945> (IF: 3.9; Q1).
46. ^NLeón, M., Berbegal, M., Rodríguez-Reina, J.M., Elena, G., Abad-Campos, P., Ramón-Albalat, A., Olmo, D., Vicent, A., Luque, J., Miarnau, X., Agustí-Brisach, C., Trapero, A., Capote, N., Arroyo, F.T., Avilés, M., Gramaje, D., Andrés-Sodupe, M., Armengol, J. 2020. Identification and characterization of *Diaporthe* spp. associated with twig cankers and shoot blight of almonds in Spain. *Agronomy*, 10: 1062 <https://doi.org/10.3390/agronomy10081062> (IF: 3.4; Q1).
47. Mulero-Aparicio, A., Trapero, A., López-Escudero, F.J. 2020. A non-pathogenic strain of *Fusarium oxysporum* and grape marc compost control Verticillium wilt of olive. *Phytopathologia Mediterranea*, 59: 159-167 <https://doi.org/10.36253/phyto-11106> (IF: 2.4; Q2).
48. ^NZúñiga, E., Romero, J., Ollero-Lara, A., Lovera, M., Arquero, O., Miarnau, X., Torguet, L., Trapero, A. Luque, J. 2020. Inoculum and infection dynamics of *Polystigma amygdalinum* in almond orchards in Spain. *Plant Disease*, 104:1239-1246 <https://doi.org/10.1094/PDIS-07-19-1406-RE> (IF:4.438; Q1).
49. González, M., Romero, M.A., Serrano, M.S., Sánchez, M.E. 2020. Fosetyl-aluminium injection controls the root rot disease affecting *Quercus suber* in southern Spain. *European Journal of Plant Pathology*, 156: 101-109 <https://doi.org/10.1007/s10658-019-01865-1> (IF: 1.8; Q2).
50. González, M., Sánchez, M.E. 2020. Chemical control of *Phytophthora oleae* and its potential for disease management in olive orchards and natural forests. *European Journal of Plant Pathology*, 157: 211-214 <https://doi.org/10.1007/s10658-020-01976-0> (IF: 1.8; Q2).
51. ^{1,N}Valverde, P., Zucchini, M., Polverigiani, S., Lodolini, E.M., López-Escudero, F.J., Neri, D. 2020. Olive knot damages in ten olive cultivars after late-winter frost in central Italy. *Scientia Horticulturae*, 266: 109274 <https://doi.org/10.1016/j.scienta.2020.109274> (IF: 4.3; Q1).
52. ^NLópez-Moral, A., Raya, M.C., Ruiz-Blancas, C., Medialdea, I., Lovera, M., Arquero, O., Trapero, A., Agustí-Brisach, C. 2020. Aetiology of branch dieback, panicle and shoot blight of pistachio associated with fungal trunk pathogens in southern Spain. *Plant Pathology*, 69: 1237-1269 <https://doi.org/10.1111/ppa.13209> (IF:2.6; Q2).
53. Mulero-Aparicio, A., Varo, A., Agustí-Brisach, C., López-Escudero, F.J., Trapero, A. 2020. Biological control of Verticillium wilt of olive in the field. *Crop Protection*, 128: 104993 <https://doi.org/10.1016/j.cropro.2019.104993> (IF: 2.6; Q2).

54. ^NLópez-Moral, A., Lovera, M., Raya, M.C., Cortés-Cosano, N., Arquero, O., Trapero, A., Agustí-Brisach, C. 2020. Etiology of branch dieback and shoot blight of English walnut caused by Botryosphaeriaceae and *Diaporthe* fungi in southern Spain. *Plant Disease*, 104: 533-550 <https://doi.org/10.1094/PDIS-03-19-0545-RE> (IF:4.4; Q1).
55. Romero, J., Ávila, A., Agustí-Brisach, C., Roca, L.F., Trapero, A. 2020. Evaluation of fungicides and management strategies against cercospora leaf spot of olive caused by *Pseudocercospora cladosporioides*. *Agronomy*, 10: 271 <https://doi.org/10.3390/agronomy10020271> (IF: 3.4; Q1).
56. ^{LN}Ostos, E, García-López, T., Porras, R., López-Escudero, F.J., Trapero, A., Michailides, T., Moral, J. 2020. Effect of cultivar resistance and soil management on spatial-temporal development of Verticillium Wilt of olive: a long-term study. *Frontiers in Plant Science*, 11: 584496 <https://doi.org/10.3389/fpls.2020.584496> (IF:5.6; Q1).
57. Ávila, A., Romero, J., Agustí-Brisach, C., Benali, A., Roca, L.F., Trapero, A. 2020. Phenotypic and pathogenic characterization of *Pseudocercospora cladosporioides*, causal agent of cercospora leaf spot of olives. *European Journal of Plant Pathology*, 156: 45-65 <https://doi.org/10.1007/s10658-019-01861-5> (IF:1.9; Q2).
58. Mulero-Aparicio, A., Agustí-Brisach, C., Varo, A., López-Escudero, F.J., Trapero, A. 2019. A non-pathogenic strain of *Fusarium oxysporum* as a potential biocontrol agent against Verticillium wilt of olive. *Biological Control*, 139: 104045 <https://doi.org/10.1016/j.biocontrol.2019.104045> (IF:2.8; Q2).
59. ^NMulero-Aparicio, A., Agustí-Brisach, C., Raya, M.C., Lovera, M., Arquero, O., Trapero, A. 2019. First report of *Fusarium solani* causing stem canker in English walnut in Spain. *Plant Disease*, 103: 3281 <https://doi.org/10.1094/PDIS-06-19-1163-PDN> (IF: 3.8; Q1).
60. ^NLópez Moral, A., Agustí-Brisach, C., Lovera, M., Luque, Roca, L.F., Arquero, O., Trapero, A. 2019. Effects of cultivar susceptibility, fruit maturity, leaf age, fungal isolate and temperature on infection of almond by *Colletotrichum* spp. *Plant Disease*, 103: 2425-2432 <https://doi.org/10.1094/PDIS-12-18-2281-RE> (IF:3.809; Q1).
61. ^{LN}Guyen, G., Raulo, R., Marchi, M., Agustí-Brisach, C., Iacomini, B., Pelletier, S., Renou, J.P., Bataillé-Simoneau, N., Campion, C., Bastide, F., Hamon, B., Mouches, C., Porcheron, B., Lemoine, R., Kwasiborski, A., Simoneau, P., Guillemette, T. 2019. Responses to hydric stress in the seed-borne necrotrophic fungus *Alternaria brassicicola*. *Frontiers in Microbiology*, 10: 1969 <https://doi.org/10.3389/fmicb.2019.01969> (IF: 5.2; Q2).
62. ^NOllero-Lara, O.*, Agustí-Brisach, C.*, Lovera, M., Roca, L.F., Arquero, O., Trapero, A. 2019. Field susceptibility of almond cultivars to the four most common aerial fungal diseases in southern Spain. *Crop Protection*, 121: 18-27 <https://doi.org/10.1016/j.cropro.2019.03.005> (IF: 2.381; Q1).
63. ^NLlorens, E., Mateu, M., González-Hernández, A.I., Agustí-Brisach, C., García-Agustín, P., Lapeña, L., Vicedo, B. 2019. Extract of *Mimosa tenuiflora* and *Quercus robur* as potential eco-friendly management tool against *Sclerotinia sclerotiorum* in *Lactuca sativa* enhancing the natural plant defences. *European Journal of Plant Pathology*, 153: 1105-1118 <https://doi.org/10.1007/s10658-018-01629-3> (IF: 1.6; Q2).
64. ^IGonzález, M., Pérez-Sierra, A., Sánchez, M.E. 2019. *Phytophthora oleae*, a new root pathogen of wild olives. *Plant Pathology*, 68: 901-907 <https://doi.org/10.1111/ppa.13024> (IF: 2.7; Q2).
65. Romero M.A., González M., Serrano M.S., Sánchez M.E. 2019. Trunk injection of fosetyl-aluminium controls the root disease caused by *Phytophthora cinnamomi* on *Quercus ilex* woodlands. *Annals of Applied Biology*, 174: 313-318 <https://doi.org/10.1111/aab.12503> (IF: 2.6; Q2).
66. ^IAgustí-Brisach, C., Moral, J., Felts, D., Trapero, A., Michailides, T.J. 2019. Interaction between *Diaporthe rhusicola* and *Neofusicoccum mediterraneum* causing branch dieback and fruit blight of English walnut in California, and effect of pruning wounds to the infection. *Plant Disease*, 103: 1196-1205 <https://doi.org/10.1094/PDIS-07-18-1118-RE> (IF:3.8; Q1).

67. ¹Moral, J., Morgan, D., Trapero, A., Michailides, T. 2019. Ecology and epidemiology of diseases of nut crops and olives caused by Botryosphaeriaceae fungi in California and Spain. *Plant Disease*, 103: 1809-1827 <https://doi.org/10.1094/PDIS-03-19-0622-FE> (IF:3.8; Q1).
68. ^{1N}Mulero-Aparicio, A., Cernava, T., Turrà, D., Schaefer, A., Di Pietro, A., López-Escudero, F.J., Trapero, A., Berg, G. 2019. The role of volatile organic compounds and rhizosphere competence in mode of action of the non-pathogenic *Fusarium oxysporum* FO12 towards Verticillium wilt. *Frontiers in Microbiology*, 10: 1808 <https://doi.org/10.3389/fmicb.2019.01808> (IF: 4.2; Q2).
69. Agustí-Brisach, C., López-Moral, A., Raya, M.C., Franco, R., Roca, L.F., Trapero, A. 2019. Occurrence of grapevine trunk diseases affecting the native cultivar Pedro Ximénez in southern Spain. *European Journal of Plant Pathology*, 153: 599-625 <https://doi.org/10.1007/s10658-018-1585-6> (IF:1.6; Q2).

PUBLICACIONES DE DIVULGACIÓN 2019-2024

1. Antón-Domínguez, B.I., López-Moral, A., Lovera, M., Martínez, E., Arquero, O., Trapero, A., Trapero, C., Agustí-Brisach, C. 2024. La verticilosis del pistachero, una enfermedad limitante para un cultivo emergente en España. *Fruticultura*, 101: 32-43.
2. Trapero, A., López-Moral, A., Mulero-Aparicio, A., Varo, A., Roca, L.F., Raya, M.C., Santos-Rufo, A., Romero, J., Antón-Domínguez, B.I., Muhammed-Ahmed, O., López-Escudero, F.J., Agustí-Brisach, C. 2024. Bioprotección de la verticilosis del olivar: estado actual y perspectivas futuras. *Vida Rural*, 546: 50-58.
3. Trapero, C., Roca, L.F., Trapero, A. 2024. Resistencia genética a la tuberculosis del olivo causada por *Pseudomonas savastanoi* pv. *savastanoi*. *Phytoma*, 357: 16-22.
4. Vela-Delgado, M.D., Agustí-Brisach, C., García-Morales, J.L., Piñero, Z., Ruano, D., Bernal, I.C. 2024. El compostaje como estrategia de higienización de la madera de viñedos jóvenes en el marco de jerez. *La Semana Vitivinícola*, 3658: 260-266.
5. Antón-Domínguez, B.I., López-Moral, A., Raya, M.C., Lovera, M., Melgar, S., Roca, L.F., Arquero, O., Trapero, A., Agustí-Brisach, C. 2024. Etiología del síndrome complejo de decaimiento del almendro en plantaciones intensivas en el sur de España. *Fruticultura*, 97: 6-23.
6. Agustí-Brisach, C., López-Moral, A., Lovera, M., Antón-Domínguez, B.I., Roca, L.F., Raya, M.C., Luque, F., Arquero, O., Trapero, A. 2023. Enfermedades emergentes del almendro en Andalucía. *Vida Rural*, 543: 50-55.
7. Agustí-Brisach, C. 2023. Proyecto Decalmond: Bases biológicas para la gestión integrada del decaimiento del almendro en Andalucía. *Mercacei*, 117.
8. López-Moral, A., Agustí-Brisach, C., Lovera, M., Trapero, C., Antón-Domínguez, B.I., Roca, L.F., Arquero, O., Trapero, A. 2023. Enfermedades del pistachero (*Pistacia vera* L.). *Fruticultura*, especial 2023: 42-77.
9. López-Moral, A., Sánchez-Rodríguez, A.R., Trapero, A., Agustí-Brisach, C. 2023. Avances en el biocontrol y bioprotección frente a la verticilosis del olivo. *Olimerca*, 45: 82-86.
10. López-Moral, A., Llorens, E., Scalschi, L., García-Agustín, P., Trapero, A., Agustí-Brisach, C. 2023. Inductores de resistencia como alternativas para el control de la Verticilosis del olivo. *Mercacei*, 114: 90-96.
11. Lovera, M., Agustí-Brisach, C., López-Moral, A., Roca, L.F., Arquero, O., Trapero, A. 2022. Enfermedades del nogal. *Fruticultura*, 90: 18-49.
12. Trapero, A., Varo, A., Sánchez, M.E., Roca, L.F., López-Moral, A., Agustí-Brisach, C. 2022. Enfermedades del algarrobo (*Ceratonia siliqua* L.). *Fruticultura*, 87: 6-31.
13. López-Moral, A., Agustí-Brisach, C., Lovera, M., Trapero, C., Raya, M.C., Arquero, a., Trapero, A. 2022. Septorios del pistachero, la enfermedad más importante y prevalente del cultivo en España. *Vida Rural*, 504: 50-56.
14. Agustí-Brisach, C., Moral, J., Jiménez-Urbano, J.P., Raya, M.C., Roca, L.F., López-Moral, A.,

- Romero, J., Trapero, A. 2022. Chancros y seca de ramas, un síndrome emergente en el olivar. *Phytoma* 343: 87-92.
15. Trapero, A. 2022. Control biológico de las enfermedades del olivar: estado actual y perspectivas futuras. *Phytoma*, 343: 17-21.
16. López-Moral, A., Agustí-Brisach, C., Llorens, E., Scalschi, L., Sánchez-Rodríguez, A., García-Agustín, P., Trapero, A. 2022. Alternativas de control biológico frente la Verticilosis del olivo: bioestimulantes e inductores de resistencia. *Phytoma*, 343: 80-82.
17. Santos, A., Mulero, A., Romero, J., Varo, A., López-Moral, A., Agustí-Brisach, C., Roca, L.F., Raya, M.C., López Escudero, F.J., Narrillos, C., Basse, S., Salido, L., Trapero, A. 2022. Desarrollo de formulados precomerciales para el control biológico de la Verticilosis del olivo mediante el proyecto de Compra Pública Precomercial INNOLIVAR. *Phytoma*, 343: 72-77.
18. Trapero, A., Roca, L.F., Segura, R., Luque, F., Romero, J., Raya, M.C., López-Moral, A., Agustí-Brisach, C. 2021. Hacia el control biológico de las enfermedades aéreas del olivar. *Vida Rural*, 515: 50-57.
19. Agustí-Brisach, C., Jiménez-Urbano, J.P., Raya, M.C., López-Moral, A., Trapero, A. 2021. Hongos vasculares asociados a la 'seca' de ramillas en olivar superintensivo en Andalucía. *Phytoma*, 326: 2-6.
20. Roca, L.F., Romero, J., Navarro, J. R., Trapero, A., Nieto, J. 2021. Biocontrol del Repilo del olivo: reducción de dosis de cobre con estrategia eco-sostenible como caso de estudio. *Phytoma* 334: 92-95.
21. Trapero, A. 2021. Entrevista. Plagas y enfermedades que afectan actualmente al olivar. *Anuario AOVE-Sanidad Vegetal*, 2021: 124-125.
22. Lovera, M., López-Moral, A., Raya, M.C., Ruíz-Blancas, C., Medialdea, I., Arquero, O., Trapero, A., Agustí-Brisach, C. 2020. Etiología de la seca de ramas y de la marchitez de brotes y panículas del pistachero en el sur de España. *Fruticultura*, 78: 12-27.
23. Mulero-Aparicio, A., Romero, J., Varo, A., López-Moral, A., Agustí-Brisach, C., Roca, L.F., Raya, M.C., Santos-Rufo, A., López-Escudero, F.J., Narrillos, C., Salido-Navarro, L., Trapero, A. 2020. Diseño y evaluación de formulados precomerciales para el control biológico de la Verticilosis del olivo. *Phytoma*, 321: 30-36.
24. Agustí-Brisach, C., Roca, L.F., Antón-Domínguez, B.I., López-Moral, A., Raya, M.C., Lovera, M., Arquero, O., Trapero, A. 2020. Decaimiento del almendro en plantaciones jóvenes en Andalucía. *Vida Rural*, 476: 36-43.
25. Mulero-Aparicio, A., López-Moral, A., Agustí-Brisach, C., Varo, A., Roca, L.F., Raya, M.C., Romero, J., López-Escudero, F.J., Trapero, A. 2019. Avances en el control biológico de la verticilosis del olivo. *Vida Rural*, 474: 38-45.
26. Lovera, M., López-Moral, A., Raya, M.C., Cortés-Cosano, N., Arquero, O., Trapero, A., Agustí-Brisach, C. 2019. Etiología de la seca de ramas y marchitez de brotes del nogal en el sur de España. *Fruticultura*, 72: 6-19.
27. Trapero, A. 2019. Micosis aéreas del olivar: 25 años de investigaciones (1994-2019). *Mercacei*, 100: 30-32.
28. Agustí Brisach, C., Roca, L.F., Raya, M.C., Luque, F., Trapero, A. 2019. La podredumbre blanca de la patata causada por *Sclerotium rolfsii* en Andalucía. *Vida Rural*, 460: 68-74.
29. Sánchez, M.E. 2019. Un estudio demuestra la efectividad del Fosetil-Aluminio en el control de la podredumbre radical de alcornoques. *Phytoma España* (Web: Noticias de Actualidad).
30. Sánchez ME. 2019. Fosetil-Aluminio: un fosfonato efectivo contra la enfermedad de la 'seca de la encina'. *Phytoma*, 311: 46-48.