Symposium papers and monographs Yigal Elad 5 2025

**Symposium manuscripts**

1. Chet, I. and **Elad, Y.** (1982) Prevention of plant infection by biological means. In: La Selection des Plantes Pour Ia Resistance aux Maladies. Colloque France ‑ Israelien, Bordeaux (France) 21‑26 Mars. Ed. publ. No. 11. pp. 195-204.
2. **Elad, Y.**, Sivan, A., Zeidan, O., Klaifeld, O. and Chet, I. (1983) Biological and integrated control of soil pathogens as a means for reduction of fungicides. In: Development in Ecology and Environmental Quality vol. II. Proceedings of an International Meeting of the Israel Ecological Society. (H.I. Shuval, ed.), pp. 587‑594.
3. **Elad, Y.**, Hadar, Y. and Chet, I. (1983) The potential of *Trichoderma* *harzianum* as a biocontrol agent under field conditions. In: 24‑eme Colloque, Societe Francaise a Phytopathologyie. Les Antagonismes Microbiens, Modes D'Action et Applications A La Lutte Biologique Contre Les Maladies Des Plants. Bordeaux 26‑28 May. Ed. INRA Publ. Les Colloques de L’INRA 18, 305-310.
4. Chet, I. and **Elad, Y.** (1983) Mechanisms of mycoparasitism. In: 24‑ eme Colloque, Societe Francaise a Phytopathologyie. Les Antagonismes Microbiens, Modes D'Action et Applications A La Lutte BiologiqueContres Les maladies Des Plants. Bordeaux 26‑28 May. Ed. INRA Publ.
5. Chet, I. and **Elad, Y.** (1986) Biological control of soilborne plant pathogenic pathogens. in: Proceedings of Göttingen Jerusalem Symposium on Soil Plant Diseases. A. Huttermann and Chet, I. (eds.)‑Göttingen Bodenkundhche Berichte. pp. 147‑163.
6. **Elad, Y.** (1989) Biological control of foliar diseases. Proc. Third Brazilian Meeting on Biological Control of Plant Dis. Univ. Sao Paulo, Piracicaba, 9‑11 Oct. 8, p. 35.
7. **Elad, Y.** and Zimand, G. (1991) Experience in integrated chemical‑ biological control of grey mould (*Botrytis* *cinerea*). IOBC/WPRS Bulletin 14(5):195‑199.
8. **Elad, Y.** and Kirshner, B. (1992) Establishment of an active *Trichoderma* population in the phylloplane and its effect on grey mould (*Botrytis* *cinerea*). Proceedings of the Anglo-Israeli Symposium on non‑chemical Approaches to Pest and Disease Control in Horticulture. Wellesbourne, U.K. Phytoparasitica 20(supplement):137-141. DOI: 10.1007/BF02980425
9. **Elad, Y.** (1993) Microbial suppression of infection by foliar plant pathogens. IOBC/WPRS Bulletin 16(11):3-7.
10. **Elad, Y.**, Köhl, J. and Fokkema, N. J. (1993) Control of infection and sporulation of *Botrytis* *cinerea* on bean and tomato by yeasts and other saprophytic microorganisms. IOBC/WPRS Bulletin 16(11):34-37.
11. Zimand, G., Valinski, L., Manulis, S., **Elad, Y.** and Chet, I. (1993) DNA fingerprinting of a *Trichoderma* Isolate by the RAPD procedure. IOBC/WPRS Bulletin 16(11):173-176.
12. **Elad, Y.** (1993) Implementation of biological control of foliar pathogens. IOBC/WPRS Bulletin 16(11):229-233.
13. **Elad, Y.**, Shtienberg, D. and Niv, A. (1994) *Trichoderma harzianum* T39 integrated with fungicides: Improved biocontrol of grey mould. Brighton Crop Protection Conference - Pests and Diseases, pp. 1109-1113.
14. **Elad, Y.** (1995) Biological control of foliar pathogens. Advanced course on integrated pest and disease management in protected crops. IMAZ, Zaragoza, Spain. Vol II.
15. **Elad, Y.** and Shtienberg, D. (1996) *Trichoderma harzianum* T39 (Trichodex) integrated with fungicides for the control of grey mould of strawberry, vegetable greenhouse-crops and grapes. Advances in Biological Control of Plant Diseases. (T. Wenhua, R.J. Cook and A. Rovira, eds), China Agricultural University Press, Beijing, pp. 310-319.
16. **Elad, Y.** and Shtienberg, D. (1997) Integrated management of foliar diseases in greenhouse vegetables according to principles of a decision support system - GREENMAN. IOBC/WPRS Bulletin 20(4):71-76.
17. Birigimana, J., De Meyer, G., Poppe, J., **Elad, Y.** and Höfte, M. (1997) Induction of systemic resistance on bean (*Phaseolus vulgaris*) by *Trichoderma harzianum*. International Symposium on Crop Protection, Gent 62/3b:1001-1007.
18. **Elad, Y.**, Cohen, A. and Abir, H. (1997) Control of foliar pathgens by the biocontrol preparation Trichodex (*Trichoderma* *harzianum* T39). Proceedings of the International Symposium on Production and Protection of Horticultural Crops, Agadir (A. Hanafi, M. and Baudoin, eds.), pp. 124-130.
19. **Elad, Y.** (1998) Integrated control of foliar diseases of greenhouse vegetable crops. Proceedings of the International Symposium on Production and Protection of Horticultural Crops, Agadir. (A. Hanafi, M. and Baudoin, eds.), pp. 109-115.
20. **Elad, Y.** (1998) Moisture enhanced foliar diseases and their management. Proceedings of the International Congress for Plastics in Agriculture - CIPA. (S. Ben Yehoshua ed.), Laser Pages Publishing Ltd. Jerusalem, Israel, pp. 126-135.
21. **Elad, Y.** (2000) Changes in disease epidemics on greenhouse-grown crops*.* Proceedings of the International Conference and the British-Israeli Workshop on Greenhouse Techniques Towards the 3rd Millennium. (M. Teitel and B.J. Bailey, eds), Acta Horticulturae No. 534:213-220. DOI: 10.17660/ActaHortic.2000.534.24
22. Teitel, M., Jerby, E., **Elad, Y.**, Shklyar, A. and Dichtiar, V. (2000) Development of a microwave system for greenhouse heating. (M. Teitel and B.J. Bailey, eds), Acta Horticulturae No. 534:189-195. DOI: 10.17660/ActaHortic.2000.534.21
23. **Elad, Y.** (2000) Biocontrol of diseases in the phyllosphere. in I Cuso-Taller Internacional Control Biologico, Corpoica, Bogota, Colombia, pp. 68-78.
24. Meyer, U., Fischer, E., Barbul, O. and **Elad, Y.** (2001) Effect of biocontrol agents on antigens present in the extracellular matrix of *Botrytis cinerea*, which are important for pathogenesis. IOBC/WPRS Bulletin 24(3):5-9.
25. Lapsker, Z. and **Elad, Y.** (2001) Involvement of active oxygen species and antioxidant enzymes in the disease caused by *Botrytis cinerea* on bean leaves and in its biological control by means of *Trichoderma harzianum* T39. IOBC/WPRS Bulletin 24(3):21-25.
26. Freeman, S., Barbul, O., Rav David, D., Nitzani, Y., Zveibil, A. and **Elad, Y.** (2001) *Trichoderma* spp. for biocontrol of *Colletotrichum acutatum* and *Botrytis cinerea* in strawberry. IOBC/WPRS Bulletin 24(3):147-150.
27. Guetsky, R., **Elad, Y.**, Shtienberg, D. and Dinoor A. (2001) Combination of *Pichia guilermondii* and *Bacillus cereus* for the control of gray mold (*Botrytis cinerea*) in strawberries. IOBC/WPRS Bulletin 24(3):193-196.
28. **Elad, Y.**, Barbul, O., Nitzani, Y., Rav David, D., Zveibil, A., Maimon, M. and Freeman, S. (2001) Inter- and Intra-species variation in biocontrol activity. Proceedings of the 5th Congress of the European Foundation of Plant Pathology, pp. 474-478.
29. Ravensberg, W. and **Elad, Y.** (2002) Invited lecture: Current status of biological control of diseases in greenhouse crops – a commercial perspective. IOBC/WPRS Bulletin 25(1):225-231.
30. Grondona, I., Llobell, A., Cannon, P.F., Lorito, M., **Elad, Y**., Freeman, S., Katan, J., Rey, M. and Monte, E. (2002) Case study: *Trichoderma* as an alternative to methyl bromide in strawberries. in Methyl Bromide Alternatives. The remaining challenges. Brussels/Seville: European Commission/Ministry of Science and Technology, pp. 127-129.
31. Freeman, S., Kolesnik, I., Barbul, O., Maymon, M., Nitzani, Y., Kirshner, B., Rav-David, D. and **Elad, Y.** (2002) Use of *Trichoderma* spp. for biocontrol of *Colletotrichum acutatum* (anthracnose) and *Botrytis cinerea* (grey mould) in strawberry and study of biocontrol population survival by PCR. IOBC/WPRS Bulletin 25(10):167-170.
32. Brand, M., Mesika, Y., **Elad, Y.**, Sztejnberg, A., Rav David, D. and Nitzani, Y. (2002) Effect of greenhouse climate on biocontrol of powdery mildew (*Leveillula taurica*) in sweet pepper and prospects for integrated disease management. IOBC/WPRS Bulletin 25(10):69-72.
33. **Elad, Y.**, Bhardwaj, S., Nitzani, Y. and Rav David, D. (2002) Biocontrol of *Sclerotinia sclerotiorum* by *Trichoderma* spp. resistance-inducing-isolates as modified by spatial, temporal and host plant factors. IOBC/WPRS Bulletin 25(10):17-20.
34. Shtienberg, D. and **Elad, Y.** (2002) Is it possible to cope with the variability of biological control? IOBC wprs Bulletin 25 (10):1–4.
35. Freeman, S., Maymon, M., Kirshner, B., Rav-David, D. and **Elad, Y.** (2002) Use of GUS transformants of *Trichoderma harzianum* T39 (TRICHODEX) for studying fungal-fungal interactions.
36. Freeman, S., Kolesnik, Barbul, O., Maymon, M., Nitzani, Y., Kirshner, B., Rav David, D. and **Elad, Y**. (2002) Use of *Trichoderma* spp. for biocontrol of *Colletotrichum acutatum* (anthracnose) and *Botrytis cinerea* (grey mould) in strawberry and study of biocontrol population survival by PCR Bulletin (New York State Archeological Association: 1987) 25(10):167-170.
37. Ravensberg, W. and **Elad, Y.** (2002) Invited lecture: Current status of biological control of diseases in greenhouse crops – a commercial perspective. IOBC/WPRS Bulletin 25(10):125-130.
38. **Elad, Y.** (2003) Plenary lectureBiological control of *Botrytis cinerea*. IOBC/WPRS Bulletin 26(9):7-8.
39. **Elad, Y**. (2003) Plenary lecture Biocontrol of foliar pathogens: Mechanisms and application. Proceedings Ghent. Communications in agricultural and applied biological sciences Vol 68 (4 Pt A), 17-24, 2003.
40. Okon Levy, N., **Elad, Y.,** Korolev, N. and Katan, J. (2004) Resistance induced by soil biocontrol application and soil solarization for the control of foliar pathogens. IOBC/WPRS Bulletin 27(1):171-176.
41. **Elad, Y**., Gessler C. and Pertot, I. (2004) Invited lecture: Integrated pest management – Italian Israeli cooperation in research and development. Proceedings of the Italian-Israeli Workshop on Agriculture, Research and Cooperation, 2003 Israel Business Conference, pp. 40-55.
42. Pertot, I., Zasso, R., **Elad, Y**. and Amsalem, L. (2004) Prove di efficacia di agenti di controllo dell’oidio della fragola (in Italian: Efficacy of control agents of strawberry powdery mildew). Terra Trentina Anno XIX (6) 25-30.
43. Bilu, A., Rav David, D., Dag, A., Shafir, S., Abu Toame, M and **Elad, Y**. (2004) Using honey bees to deliver a biocontrol agent for the control of strawberry *Botrytis cinerea*-fruit rots. IOBC/WPRS Bulletin 27(8):17-21.
44. **Elad, Y**., Baker, S., Faull, J.L. and Taylor, J. (2004) Multi trophic relationships - interaction of a biocontrol agent and a pathogen with the indigenous micro-flora on bean leaves. IOBC/WPRS Bulletin 27(8):151-154.
45. Korolev, N., Rav David, D. and **Elad, Y**. (2004) Involvement of plant hormones in the biocontrol achieved by *Trichoderma harzianum*. IOBC/WPRS Bulletin 27(8):363-366.
46. Okon Levy, N., Katan, J. and **Elad, Y**. (2004) Integrated control of foliar infection by soil solarization and *Trichodrma*. IOBC/WPRS Bulletin 27(8):65-70.
47. Amsalem, L. Zasso, R., Pertot, I., Freeman, S., Sztjenberg, A. and **Elad, Y**. (2004) Efficacy of control agents on powdery mildew: A comparison between two populations. IOBC/WPRS Bulletin 27(8):309-313.
48. Pertot, I., Zasso, R., Amsalem, L., Baldessari, M., Angeli, G. and **Elad, Y**. (2004) Use of biocontrol agents against powdery mildew in integrated strategies for reducing pesticide residues on strawberry: Efficacy and side effects evaluation. IOBC/WPRS Bulletin 27(8):109-113.
49. Shtienberg, D., Vintal, H., Targerman, M., Mesika, Y., Adler, U., Matan, E. and **Elad, Y**. (2004) Integrated management of late blight in greenhouse tomatoes. IOBC/WPRS Bulletin 27(8):115.
50. Pertot, I. and **Elad, Y.** (2004) Gestione delle malattie delle piante e degli artropodi dannossi mediante agenti di biocontrollo. Terra Trentina no 7, pp. 10-13.
51. Okon Levy, N., **Elad, Y**., Katan, J., Baker, S.C. and Faull, J.L. (2005) *Trichoderma* and soil solarization induced microbial changes on plant surfaces. IOBC/WPRS Bulletin 29(2):21-26.
52. Alaphilippe, A., Derridj, S. and **Elad, Y**. (2006) Study of the resistance induced by spraying epiphytic yeast against an insect pest (*Cydia pomonella* L.). IOBC/WPRS Bulletin 29(8):1-4.
53. Pertot, I., **Elad, Y**., Derridj, S. Barbacovi, D. and Gessler, C. (2005) Safecrop: Centro per la ricerca e lo sviluppo di sistemi per la protezione delle piante a basso impatto sull’ambiente e sulla salute del consumatore. Italus Hortus 12(3):19-22.
54. Fiamingo, F., Corradini, S., Maines, L., **Elad, Y**. and Pertot, I. (2005) Strawberry powdery mildew: Development of integrated disease management. Strawberries and soft fruits, analysis and future perspectives of the fresh fruit market, Levico Terma Palalevico, Trentino Italy, 5-7.10.2005.
55. Angeli, D., Ferrari, A., **Elad, Y**. and Pertot, I. (2006) Evaluation of new control agents against grapevine powdery mildew under greenhouse conditions. IOBC/WPRS Bulletin 29(11):83-87.
56. Korolev, N., Katan, T. and **Elad, Y**. (2006) Use of marked strains for study *Botrytis cinerea* spreading and survival. Meeting of the Mediterranean Phytopathology Union. Rhodes, Greece.
57. Cohen, S., Ziv, G., Grava, A., **Elad, Y**. and Shtienberg, D. (2006) Influence of polyethylene mulch on night microclimate, dew point and *Phytophthora infestans* infection in non-heated tomato greenhouses in southern Israel. Acta Horticulturae No. 718:277-282. DOI: 10.17660/ActaHortic.2006.718.31
58. Pertot, I., Maines, L., Fiammingo, F., **Elad, Y**., Brunelli, A., Canova, A. and Collina, M. (2006) [Efficacy of chemical fungicides and of biological control agents against *Sphaerotheca* *maucularis* on strawberry related to the moment of application with respect to the starting of infections.](http://scholar.google.co.il/citations?view_op=view_citation&hl=en&user=Wl3sFJEAAAAJ&cstart=340&citation_for_view=Wl3sFJEAAAAJ:LO7wyVUgiFcC) Phytopathological Meeting 2006, Riccione (RN), 27-29 March Proceedings second volume 317-318.
59. Pertot, I., **Elad, Y**. and Gessler, C. (2007) [Improving quality and safety in low input agricultural production systems](http://scholar.google.co.il/citations?view_op=view_citation&hl=en&user=Wl3sFJEAAAAJ&cstart=320&citation_for_view=Wl3sFJEAAAAJ:F9fV5C73w3QC). Annual report IASMA Research Centre 2006, 75-76
60. Angeli, D., Ferrari, A., Longa, C.M.O., Maines, L., **Elad, Y**., Simeone, V., Assaf, H.A. and Pertot,   
    I. (2006) Efficacy evaluation of new control agents against grapevine powdery mildew under   
    greenhouse conditions. In: Pertot, I.; Gessler, C.; Gadoury, D.M., Gubler, W., Kassemeyer, H.H. and Magarey, P. (eds) 5th International workshop on grapevine downy and powdery mildew. San Michele all'Adige (TN), Istituto agrario di San Michele all'Adige, pp. 83-84.
61. Mendelsohn, O., **Elad, Y**., Rav David, D., Shtienberg, D. and Ovadia, S. (2006) Biological control of powdery mildew – controlled conditions and field experience. Proceedings 5th International Workshop on Grapevine Downy and Powdery Mildew, S. Michele all’Adige, Trentino, Italy, 18-23 June 2006. Edited by Pertot, I., Gessler, C., Gadoury, D., Kassemeyer, H.-H. and Magarey, P., pp. 140-141.
62. Gramazio, T., Schlevin, V., Yashaev, S., Bortoluzzi, L., Kuflik, T., **Elad, Y**. and Pertot, I. (2006) Bar code labeling for laboratory safety management and experiment planning in plant protection. Proceedings of the 4th World Congress of Computers in Agriculture and Natural Resources, pp. 128-133.
63. **Elad, Y**. (2007) Working group 'Biological control of fungal and bacterial plant pathogens', 10th General Assembly, IOBC/WPRS Bulletin 30(3):107-109.
64. Rav David, D., Mendelsohn, O., Dubeshko, S., Bierman, R., Jacob, D., Okon Levi, N., Kiyar, M. and **Elad, Y**. (2007) Development of biocontrol of powdery mildew diseases. IOBC/WPRS Bulletin 30(6-1):11-15.
65. Angeli, D., Longa, C., Bozza, E., Maines, L., **Elad, Y**., Simeone, V., Abou Assaf, H. and Pertot, I. (2007) Evaluation of new biological control agents againstgrapevine powdery mildew under greenhouse conditions. IOBC/WPRS Bulletin 30(6-1):37-42.
66. Alaphilippe, A., **Elad, Y**., Derridj, S., Bierman, R. and Gessler, C. (2007)Effect of introduced epiphytic yeast on an insect pest (*Cydia pomonella* L.), on apple pathogens (*Podosphaera leucotricha* and *Venturia inaequalis*) and on the phylloplane chemical composition. IOBC/WPRS Bulletin 30(6-1):259-263.
67. Pertot, I., Amsalem, L. and **Elad, Y**. (2007) Effect of chemical pesticides and biocontrol agents on growth and mineral composition of healthy strawberries. IOBC/WPRS Bulletin 30(6-1):269-272.
68. Longa, C., **Elad, Y**. and Pertot, I. (2007) Survival of *Trichoderma atroviride*122F on strawberry phylloplane and in soil. IOBC/WPRS Bulletin 30(6-1):297-302.
69. Jacob, D., Rav David, D. and **Elad, Y**. (2007) Biology and biological control of tomato powdery mildew (*Oidium neolycopersici*). IOBC/WPRS Bulletin 30(6-1):329-332.
70. Fiamingo, F., **Elad,** **Y**. and Pertot, I. (2007) Effect of application time of control agents on *Podosphaera aphanis* and side effect of fungicides on biocontrol agents survival on strawberry leaves. IOBC/WPRS Bulletin 30(6-2):433-436.
71. Ferrari, A., Dubeshko, S., Vintel, H., Rav David, D., Pertot, I. and **Elad, Y**. (2007) Effect of biocontrol and other low impact products on tomato late blight. IOBC/WPRS Bulletin 30(6-2):437-440.
72. Gramazio, T., Schlevin, V., Yashaev, S., Bortoluzzi, L., Kuflik, T., **Elad, Y**. and Pertot, I. (2007) Bar code labeling system for managing and tracking microbial culture collections and experiments in labs. IOBC/WPRS Bulletin 30(6-2):491-495.
73. Moser, R., Barbacovi, D., **Elad, Y**. and Pertot, I. (2007) Information, opinions and future perspectives on biocontrol agents among growers in two countries. IOBC/WPRS Bulletin 30(6-2):535-540.
74. Lifshitz, C., David, N., Shalit, N., Slotzky, S., Tanami, Z., **Elad, Y**. and Dai, N. (2007) Inheritance of powdery mildew resistance in strawberry lines from the Israeli germplasm collection. Pp. 70-74. In Takeda, F., D.T. Handley and E.B. Poling (ed.). Proc. 2007 North American Strawberry Symp. North Amer. Strawberry Growers Assn., Kemptville, Ontario, Canada, pp. 70-74.
75. Bala Kanak, Rav David, D., Paul, B. and **Elad, Y**. (2008)Novel *Pythium* elicitors in the biological control of *Botrytis cinerea*. IOBC/WPRS Bulletin 42:11-14.
76. Angeli, D., Maines, L., Sicher, Cc., Murru, G., Butterini N., Abou Assaf, H., Mamoci, E., Longa, C., **Elad, Y.**, Simeone, V. and Pertot, I. (2008) Efficacy of microorganisms and natural products against grapevine powdery mildew. IOBC/WPRS Bulletin 36, 25-30.
77. **Elad, Y**., Jacob, D., Rav David, D., Borenshtein, M., Sztjenberg, A., Yehezkel, H., Ganot, L., Shmuel, D., Matan, E. and Messika, Y. (2008) Development of climate control methods for integrated management of powdery mildew of tomato caused by *Oidium neolycopersici*. Proceedings of the International Symposium on Strategies Towards Sustainability of Protected Cultivation in Mild Winter Climate, April 6-11, 2008, Antalya (Turkey) Acta Horticulturae No. 807:727-732. DOI: 10.17660/ActaHortic.2009.807.109
78. Pertot, I., Fiamingo, F., Tizianel, A., Fratton, S. and **Elad, Y**. (2008) Effect of application time of control agents on *Podosphaera aphanis* and side effect of fungicides on biocontrol agents survival on strawberry leaves. Proceedings of the International Symposium on Strategies Towards Sustainability of Protected Cultivation in Mild Winter Climate, April 6-11, 2008, Antalya (Turkey) Acta Horticulturae No. 807:733-738. DOI: 10.17660/ActaHortic.2009.807.110
79. Pertot, I., Fiamingo, F. and **Elad, Y**. (2008) Evaluation of efficacy and SAR activity of bion (benzothiadiazole BTH) in strawberry. Proceedings of the International Symposium on Strategies Towards Sustainability of Protected Cultivation in Mild Winter Climate, April 6-11, 2008, Antalya (Turkey) Acta Horticulturae No. 807:739-743. DOI: 10.17660/ActaHortic.2009.807.111
80. Korolev, N., Mamiev, M., Zahavi, T. and **Elad, Y**. (2009) Resistance to fungicides among *Botrytis cinerea* isolates from different hosts in Israel. Acta Horticulturae No. 808:367-375. DOI: 10.17660/ActaHortic.2009.808.61
81. Lifshitz, C., Shalit, N., Slotzky, S., Tanami, Z., **Elad, Y**. and Dai, N. (2009) Heritability studies and DNA markers for powdery mildew Resistance in strawberry (*Fragaria × ananassa* Duchesne). Proceedings of the VI International Strawberry Symposium, Heulva, Spain. Acta Horticulturae No. 842:561-564. DOI: 10.17660/ActaHortic.2009.842.118
82. Ezra, D., Lousky, T. and **Elad, Y**. (2009) Endophytes as biological control for plant pathogens. IOBC/WPRS Bulletin, pp. 11-14.
83. Gessler, C., Alaphilippe, A., Derridj, S. and **Elad, Y**. (2009) Does biocontrol need to consider side effects? Phylloplane chemical changes induced by a BC- yeast preparation and effect on *Cydia pomonella*. IOBC/WPRS Bulletin, p. 368.
84. Korolev, N., Rav David, D. and **Elad, Y**. (2009) The role of phytohormones in basal resistance and *Trichoderma*-induced systemic resistance to *Botrytis cinerea* in *Arabidopsis thaliana*. IOBC/WPRS Bulletin, p. 338.
85. Perazzolli, M., Bozza, E., Moser, C., **Elad, Y.**, Pertot, I. (2009) Molecular and functional characterization of induced systemic resistance in grapevine. IOBC/WPRS Bulletin 43:58-61.
86. **Elad, Y**., Shpialter, L., Rav David, D., Yermiahu, U., Dori, I., Ganot, L., Shmuel, D., Matan, E., Messika, Y., Levite, R. and Pivonia, S. (2009) Suppression of gray mold in lisianthus by passive means of greenhouse environment management. Proceedings of the GreenSys 2009, the International Symposium on High Technology for Greenhouse System, Québec City, Canada. Acta Horticulturae 893:1277-1283. DOI: 10.17660/ActaHortic.2011.893.150
87. **Elad, Y**., Agra, O., Ben Kalifa, H., Rav David, D., Borenshtein, M. and Jacob, D. (2009) Assessment of the effect of clımate change on the ınteractıons of plant, pathogen and mıcroorganısms. Proceedings of the Dahlia Greidinger International Symposium – 2009, Crop Production in the 21st Century: Gloal Climate Change, Environmental Risks and Water Scarcity. March 2-5, 2009, Technion-IIT, Haifa, Israel Pp. 198-205.
88. Shtienberg, D., Borenshtein, M., Cohen, B., Pivonia, S. and **Elad, Y**. (2009) Epidemiological studies improve disease management: A case study of powdery mildew of pepper. Proceedings of the 10th International Epidemiology Workshop. Edited by D M Gadoury, R C Seem, M M Moyer and W E Fry, pp. 150-152.
89. Korolev, N., Mamiev, M. and **Elad, Y**. (2010) [Monitoring for resistance to fungicides in *Botrytis* *cinerea* and *Sclerotinia sclerotiorum*, the pathogens of sweet basil.](http://scholar.google.co.il/citations?view_op=view_citation&hl=en&user=9RTMGMYAAAAJ&pagesize=100&citation_for_view=9RTMGMYAAAAJ:LkGwnXOMwfcC) Communications in Agricultural and Applied Biological Sciences 75 (4):705-707.
90. Kolton, M., **Elad, Y.**, Pasternak, Z., Graber, E.R., Meller-Harel, Y, Rav David, D., Silber, A. and Cytryn, E. (2011) Biochar soil amendment: Pinpointing microbial elicitation of induced systemic plant resistance. IOBC/WPRS Bulletin 71:23-26.
91. Meller Harel, Y., Kolton, M., **Elad, Y**., Rav-David, D., Cytrin, E., Ezra, D., Borenshtein, M., Shulchani, R. and Graber, E.R. (2011) Induced systemic resistance in strawberry (*Fragaria × ananassa*) to powdery mildew using various control agents. IOBC/WPRS Bulletin 71:47-51.
92. Arbel, A., Barak, M., Shklyar, A., Lidor, G., **Elad, Y**., Sofer, M., Yehezkely, H., Shmueli D., Slepoy, A., Ganot, L. (2012) Performance of combined heating and dehumidification system for greenhouses. Acta Horticulturae No. 952:449-456. DOI: 10.17660/ActaHortic.2012.952.56
93. Agra, O., Rav David, D., Borenshtein, M., Shulchany, R. and **Elad, Y.** (2012) Climate effect on pathogen - biocontrol agents interaction in the tomato - powdery mildew (*Oidium neolycopersici*)pathosystem. IOBC/WPRS Bulletin 78:233-237.
94. Ben Kalifa, H., Rav David, D., Borenshtein, M., Shulchany, R. and **Elad, Y.** (2012) Climate change effect on plant – pathogen – beneficial microorganisms interaction in high humidity-promoted tomato diseases. IOBC/WPRS Bulletin 78:15-18.
95. Quiñonez Gutierrez, G. A., Meler-Harel, Y., Rav David, D., Borenshtein, M., Shulchany, R. and **Elad, Y.** (2012) Effect of climate parameters on induced resistance in strawberry powdery mildew. IOBC/WPRS Bulletin 78:239-243.
96. Meller Harel, Y., **Elad, Y**., Rav-David, D., Cytryn, E., Borenshtein, M., Agra, O., Ben Kalifa, H., Shulchani, R., Tchansky, L., Silber, A. and Graber, E.R. (2012) Induced systemic resistance to disease in plants by biochar. IOBC/WPRS Bulletin 78:141-147.
97. Pertot, I., Angeli, D., Agra, O. and **Elad, Y**. (2012) Effect of temperature on microbial biocontrol agents of plant diseases. IOBC/WPRS Bulletin 78:23.
98. Perazzolli, M., Bozza, E., Cestari, G., **Elad, Y**., Moser, C. and Pertot, I. (2012) Potential benefits and limitations of grapevine self protection induced by certain beneficial microbes. 5th Meeting of the IOBC Working Group Induced Resistance in Plants against Insects and Diseases, Granada. IOBC/WPRS Bulletin 83:121-125.
99. Derridj, S., **Elad, Y**. and Birch, A.N.E. (2012) Sugar signaling as a new way for vegetable and fruit induced resistance against insects, pathogens and nematodes. 5th Meeting of the IOBC Working Group Induced Resistance in Plants against Insects and Diseases, Granada. IOBC/WPRS Bulletin 83:127.
100. Meller Harel, Y., Haile, Z.M., Rav-David, D., Borenshtein, M., Shulchani, R., Segal, S., Graber, E.R. and **Elad, Y**. (2012) Induced systemic resistance in tomato (*Solanum lycopersicum*) by biochar soil amendment. IOBC/WPRS Bulletin 86:59-64.
101. **Elad, Y**. (2013) Soil treatments that benefit plant growth and health. Proceedings of the International Conference, NEWENVIRO, D. Pankovic, L. Jovanovic, S. Veliovic-Jovanivic (eds.), Novi Sad, Educons Univ. pp. 11-15.
102. Haile Mehari, Z., Meller Harel, Y., Rav-David, D., Graber, E.R. and **Elad, Y**. (2013) The nature of systemic resistance induced in tomato (*Solanum lycopersicum*) by biochar soil treatments. 6th meeting of the Working Group Induced resistance in plants against insects and diseases, June 10-13, 2013 - Avignon, France. IOBC/WPRS Bulletin 89:227-230.
103. Rav-David, D. and **Elad, Y**. (2013) Effect of temperature on induced systemic resistance to strawberry powdery mildew. 6th meeting of the Working Group Induced resistance in plants against insects and diseases, June 10-13, 2013 - Avignon, France. IOBC/WPRS Bulletin 89:149-153.
104. Rav-David, D. and **Elad, Y**. (2013) Induction of resistance under different watering regimes. 6th meeting of the Working Group Induced resistance in plants against insects and diseases, June 10-13, 2013 - Avignon, France. IOBC/WPRS Bulletin 89:155-159.
105. Yermiyahu, U., Israeli, L., Fogel, M., **Elad, Y**. (2013) Enhanced potassium status in sweet basil reduced diseases caused by *Botrytis cinerea* and *Sclerotinia sclerotiorum*. Proceedings International Plant Nutrition Colloquium XVII. Pp. 526-527.
106. **Elad, Y**., Fogel, M., Rav David, D., Messika, Y., Jacob, D., Silverman, D., Shapiro, D., Adler, U., Esquira, I., Yitzhak, S., Deko, T., Harary, D., Maduel, A. and Pressman, E. (2014) Daytime solar heat treatment for the suppression of foliar plant pathogens in polyethylene-covered greenhouses. Acta Horticulturae No. 1015:89-94.  
     DOI:10.17660/ActaHortic.2014.1015.9
107. Schor, N., Berman, S., Dombrovsky, A., **Elad, Y**., Ignat, T. and Bechar, A. (2015) A robotic monitoring system for diseases of pepper in greenhouse. In Precision Agriculture '15, Stafford, J. V. (ed.), Wageningen Academic Publishers, pp. 627-634. DOI: 10.3920/978-90-8686-814-8\_78
108. Pertot, I., Tizianel, A., Fiamingo, F., Fratton, S. and **Elad, Y**. (2016) Efficacy and residual effect of fungicides and biocontrol agents against *Podosphaera aphanis* on strawberry. Biocontrol of Plant Diseases: “From the field to the laboratory and back again” IOBC WPRS meeting, SLU, Uppsala, Sweden 15-18 June 2014.
109. Zapata, J., Diaz, A., Grijalba, E., García, M., Rodríguez, S., Rodríguez, F., **Elad, Y**., Cotes, A.M. (2016) Yeasts as biological agents to control *Botrytis cinerea* on roses. II International Symposium on Postharvest Pathology: Using Science to Increase Food Availability, 7-11 June, Bari, Italy Acta Horticulturae No. 1144: 77-84 DOI: 10.17660/ActaHortic.2016.1144.11
110. **Elad, Y**. (2017) Disease management in organic greenhouse horticulture: Solutions, new insights and bottlenecks. 3rd ISHS Organic Greenhouse Horticulture Symposium, April 10 to 14, Izmir, Turkey. Acta Horticulturae No. 1164: 311-318.
111. Jaiswal, A.K., **Elad, Y**., Graber, E.R., Cytryn, E. and Frenkel, O. (2016) Effect of biochar on pre-emergence damping-off in nursery growth media and its influence on microbial community structure. IOBC/WPRS Bulletin 117:149-153.
112. Grinberg-Baran, M., Blank, L., **Elad, Y**., Green, S.J. and Ezra, D. (2016) Taking a look at the inside of trees, does irrigation water quality have an effect on fungal endophytes in *Citrus sinensis* (orange) trees? IOBC/WPRS Bulletin 117:221-225.
113. Jaiswal, A.K., **Elad, Y**., Graber, E.R., Cytryn, E. and Frenkel, O. (2016) Linking the belowground microbial composition, diversity and activity to soilborne disease suppression and growth promotion of tomato amended with biochar. IOBC/WPRS Bulletin 117:204.
114. Jaiswal, A.K., **Elad, Y**., Graber, E.R., Cytryn, E. and Frenkel, O. (2016) Effect of biochar on pre-emergence damping-off in nursery growth media and its influence on microbial community structure. IOBC/WPRS Bulletin 117: 149-153.
115. **Elad, Y.** (2018) Disease management: Disease suppression by cultural means and through bio-control. Acta Horticulturae No. 1207:105-113. DOI:0.17660/ActaHortic.2018.1207.14
116. Jaiswal, A.K., **Elad, Y**., Graber, E., Cytryn, E. and Frenkel, O. (2018) Soil-borne disease suppression and plant growth promotion by biochar soil amendments and possible mode of action. Acta Horticulturae No. 1207:69-76. DOI 10.17660/ActaHortic.2018.1207.9

**Monographs**

* + - 1. Baker, R., Paulitz, T., Windham, M.T. and **Elad, Y.** (1986) Enhancement of growth of ornamentals by a biocontrol agent. Colorado Greenhouse Growers Association Research Bulletin 431:1-8.
      2. **Elad, Y.** and Katan, T. (1988) Insensitivity to diethofencarb (NPC) in benomyl‑ resistant isolates of *Botrytis* *cinerea*. Chemical Control News Letter 11:47.
      3. **Elad, Y.** and Volpin, H. (1988) The involvement of ethylene and calcium in gray mold of pelargonium, ruscus and rose flowers. Phytoparasitica 16:119‑131.
      4. **Elad, Y.** (1989) Effect of calcium nutrition and inhibitors of ethylene on gray mold of roses. In Memorial of Hillela Vigodski‑Haas. Phytoparasitica 17:223‑224.
      5. **Elad, Y.** (1990) Fertilization for the reduction of grey mould in roses. Hassadeh Quarterly 1:39, 54.
      6. **Elad, Y**. (2004) Biological and integrated control of plant pathogens - activity of the IOBC/WPRS ‘Biological Control of Fungal and Bacterial Plant Pathogens’ Working Group. Outlooks on Pest Management August 2004 185-188. DOI: 10.1564/15aug14
      7. Derridj, S., Arnault, I., Nicholas, A., Birch, N.E., **Elad, Y.**, Lombarkia, N., Couzi, P., Pierre, P. and Auger, J. (2011) Les sucres solubles, une opportunité pour l’agriculture durable? Des expérimentations menées sur maïs, tomate, pomme de terre et pommier. Phytoma 640:10-14.