Yigal Elad Reviewed publications 3 2025

**Refereed journal articles in English**

1. Grinstein A., **Elad, Y.**, Katan, J. and Chet, I. (1979) Control of *Sclerotium rolfsii* by means of an herbicide and *Trichoderma* *harzianum*. Plant Disease Reporter 63:823‑826.
2. Grinstein A., Katan, J., Abdul Razik, A., Zeidan, O. and **Elad, Y.** (1979) Control of *Sclerotium rolfsii* and weeds in peanuts by solar heating of the soil. Plant Disease Reporter 63:1056‑1059.
3. **Elad, Y.**, Chet, I. and Katan, J. (1980) *Trichoderma* *harzianum*, a biocontrol agent of *Sclerotium rolfsii* and *Rhizoctonia solani*. Phytopathology 70:119‑121. DOI: 10.1094/Phyto-70-119
4. **Elad, Y.**, Katan, J. and Chet, I. (1980) Physical, biological and chemical control integrated for soil‑borne diseases in potatoes. Phytopathology 70:418‑422. DOI: 10.1094/Phyto-70-418
5. **Elad, Y.**, Chet, I. and Henis, Y. (1981) A selective medium for improving quantitative isolation of *Trichoderma* spp. from soil. Phytoparasitica 9:59‑67. DOI: 10.1007/BF03158330
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[Correction: Comparative genomic analysis Indicates that niche adaptation of terrestrial flavobacteria is strongly linked to plant glycan metabolism](http://scholar.google.co.il/citations?view_op=view_citation&hl=en&user=srAM8IsAAAAJ&pagesize=100&citation_for_view=srAM8IsAAAAJ:M3ejUd6NZC8C) PloS one 9 (1)

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**Internal ARO review**

1. Ezra, D., Lousky, T., Zada, A., Kirshner, B., Dragushich, D., Hess, W. M. and **Elad, Y**. (2008) Isolation and characterization of *Daldinia odoratus* (OBRB1A), an endophyte of [*Olea*](http://www.desert-tropicals.com/Plants/Oleaceae/Olea.html) *europaea* L. that emits volatile antibiotics.

This manuscript was written as for the journal Fungal Diversity and was accepted as a paper by an internal ARO review process, because of patent issues.

**Refereed, Invited Reviews**

1. **Elad, Y.** (1990) Reasons for the delay in development of biological control of foliar pathogens. Phytoparasitica 18:99‑105. DOI: 10.1007/BF02981226
2. **Elad, Y.** and Shtienberg, D. (1995) *Botrytis cinerea* in greenhouse vegetables; chemical, cultural, physiological and biological controls and their integration. Integrated Pest Management Reviews 1:15-29. DOI: 10.1007/BF00140331
3. **Elad, Y.** and Evensen, K. (1995) Physiological aspects of resistance to *Botrytis cinerea*. Phytopathology 85:637-643. DOI: 10.1094/Phyto-85-637
4. **Elad, Y.**, Malathrakis, N.E. and Dik, A.J. (1995) Biological control of Botrytis incited diseases and powdery mildews in greenhouse crops. Crop Protection 15:229-240. DOI: 10.1016/0261-2194(95)00129-8
5. **Elad, Y.** (1996) Mechanisms involved in the biological control of *Botrytis cinerea* incited diseases. European Journal of Plant Pathology 102:719-732. DOI: 10.1007/BF01877146
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12. **Elad, Y**. and Pertot, I. (2014) Climate change impacts on plant pathogens and plant diseases. Journal of Crop Improvement 28:99-139. DOI: 10.1080/15427528.2014.865412
13. Graber, E.R., Frenkel, O., Jaiswal, A.K. and **Elad, Y**. (2014) How may biochar influence severity of diseases caused by soilborne pathogens? Carbon Management, 5:(2):169-183. DOI: 10.1080/17583004.2014.913360?journalCode=tcmt20#.VAIOQsWSy80
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**Special publication**

**Elad, Y**., Ausher, R., Dinoor, A., Kislev, M., Levi, E., Skutelsky, Y. and Spiegel, S. (2011) Common Names of Diseases of Agricultural Crops and Forest Trees in Israel. Israeli Phytopathological Society. <http://www.phytopathology.org.il/crops_table.html>

**Elad, Y**. (2017) Plant Pathology Front cover: *Botrytis cinerea* infected sweet basil plant (grey mould) grown in a greenhouse. 66 (1).

**Refereed journal articles in Hebrew** (the titles were translated intoEnglish**)**

1. **Elad, Y.** (1978) Biological control of *Sclerotium rolfsii* by *Trichoderma* *harzianum*. M.Sc. Thesis. The Hebrew University of Jerusalem, Faculty of Agriculture, 81 pp.
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3. **Elad, Y.** and Shimshoni‑Zimand, G. (1989) Biological control of gray mold by means of antagonistic microorganisms. Agricultural Research in Israel 3:95‑106.
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7. Niv, A., Shtienberg, D., **Elad, Y.**, Dubitzki, A., Bilitzer, N., Danun, T., Henen, J. and Cohen, A. (1993) The frequency of fungicide applications for the control of grey mould in greenhouse-grown vegetables. Hassadeh 74:622-626
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11. **Elad, Y**. and Yaakov, D. (2014) Plant diseases names in Hebrew. Akadem (the Hebrew Language Academy) 50: (March 2014) pp. 2-3.