

(a) Chapters in collective volumes

Book chapters

1. Gersani, M., Z. Abramsky and **O. Falik**, 1997. Density dependent habitat selection in plants. In: *Biology of root formation and development* (A. Altman and Y. Waisel, eds.). pp. 271-274. Plenum Press, New York and London.
2. Zdunek E., **O. Falik**, K. Fülöp, M. Gersani and S.H. Lips. 2000. Interchange of shoot and root signals during competition and limiting nitrogen. In: *Nitrogen in a sustainable ecosystem from the cell to the plant*. (M. A. Martins-Louçao and S.H. Lips, eds). Backhuys Publishers, Leiden, The Netherlands.
3. Rewald, B., Godbold, DL., **Falik, O.** and Rachmilevitch Shimon (Edt). 2014. *Book: Ecophysiology of root systems-environment interactions*. Frontiers Publications.

(b) Refereed articles and refereed letters in scientific journals

1. Gersani, M., Z. Abramsky and **O. Falik**, 1998. Density dependent habitat selection. *Evolutionary Ecology* 12: 223-234.
2. **Falik, O.**, P. Reides, M. Gersani and A. Novoplansky. 2003. Self/nonsel discrimination in roots. *Journal of Ecology* 91: 525-531.
3. **Falik, O.**, P. Reides, M. Gersani and A. Novoplansky. 2005. Root navigation by self inhibition. *Plant, Cell and Environment*, 28: 562-569.
4. **Falik, O.**, H. de Kroon and A. Novoplansky. 2006. Physiologically-mediated self/nonsel root discrimination in *Trifolium repens* has mixed effects on plant performance. *Plant signaling and behavior*, 1:3, 116-121.
5. **Falik, O.**, Mordoch Y., Quansah, L., Fait, A. and and A. Novoplansky. 2011. Rumor has it...relay communication of stress cues in plants. *PLoS ONE*, 6:11.
6. **Falik, O.**, Mordoch Y., Ben-Natan, D., Vanunu, M., Goldstein, O. and Novoplansky, A. 2012. Plant responsiveness to root-root communication of stress cues. *Annals of Botany*, 110: 271-280.
7. Meier, I. C, **Falik, O.**, Shelef, O. and Rachmilevitch S. 2013. Increased root oxygen uptake in pea plants responding to non-self neighbors. *Planta*, 238: 577-586.
8. **Falik, O.**, Hoffmann, I. and Novoplansky, A. 2014. Say it in flowers: Flowers acceleration by root communication. *Plant signaling and behavior*, 5: 2-10.
9. Rewald, B., Godbold, DL., **Falik, O.** and Rachmilevitch S. 2014. Root and rhizosphere processes—high time to dig deeper. *Frontiers in Plant Science*. 278(5) 1-3.