

# Josef Kohler

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/7338311/josef-kohler-publications-by-year.pdf>

**Version:** 2024-04-09

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

28 papers	1,567 citations	20 h-index	28 g-index
28 ext. papers	1,763 ext. citations	5.8 avg, IF	4.54 L-index

#	Paper	IF	Citations
28	Assessing soil ecosystem processes biodiversity relationships in a nature reserve in Central Europe. <i>Plant and Soil</i> , <b>2018</b> , 424, 491-501	4.2	2
27	Unraveling the role of hyphal networks from arbuscular mycorrhizal fungi in aggregate stabilization of semiarid soils with different textures and carbonate contents. <i>Plant and Soil</i> , <b>2017</b> , 410, 273-281	4.2	23
26	Arbuscular mycorrhizal fungi negatively affect soil seed bank viability. <i>Ecology and Evolution</i> , <b>2016</b> , 6, 7683-7689	2.8	9
25	Biochars reduce infection rates of the root-lesion nematode <i>Pratylenchus penetrans</i> and associated biomass loss in carrot. <i>Soil Biology and Biochemistry</i> , <b>2016</b> , 95, 11-18	7.5	40
24	Suitability of the microbial community composition and function in a semiarid mine soil for assessing phytomanagement practices based on mycorrhizal inoculation and amendment addition. <i>Journal of Environmental Management</i> , <b>2016</b> , 169, 236-46	7.9	20
23	Arum-type of arbuscular mycorrhizae, dark septate endophytes and <i>Olpidium</i> spp. in fine roots of container-grown seedlings of <i>Sorbus torminalis</i> (Rosaceae). <i>Acta Societatis Botanicorum Poloniae</i> , <b>2016</b> , 85,	1.5	3
22	Biochar increases arbuscular mycorrhizal plant growth enhancement and ameliorates salinity stress. <i>Applied Soil Ecology</i> , <b>2015</b> , 96, 114-121	5	104
21	The combination of compost addition and arbuscular mycorrhizal inoculation produced positive and synergistic effects on the phytomanagement of a semiarid mine tailing. <i>Science of the Total Environment</i> , <b>2015</b> , 514, 42-8	10.2	42
20	Selection of Plant Species/Organic Amendment Combinations to Assure Plant Establishment and Soil Microbial Function Recovery in the Phytostabilization of a Metal-Contaminated Soil. <i>Water, Air, and Soil Pollution</i> , <b>2014</b> , 225, 1	2.6	17
19	Interactive effects of root endophytes and arbuscular mycorrhizal fungi on an experimental plant community. <i>Oecologia</i> , <b>2014</b> , 174, 263-70	2.9	34
18	Palatability of carbonized materials to Collembola. <i>Applied Soil Ecology</i> , <b>2013</b> , 64, 63-69	5	16
17	Arbuscular mycorrhizal fungi--short-term liability but long-term benefits for soil carbon storage?. <i>New Phytologist</i> , <b>2013</b> , 197, 366-368	9.8	43
16	Earthworms can modify effects of hydrochar on growth of <i>Plantago lanceolata</i> and performance of arbuscular mycorrhizal fungi. <i>Pedobiologia</i> , <b>2013</b> , 56, 219-224	1.7	18
15	Soil biota effects on soil structure: Interactions between arbuscular mycorrhizal fungal mycelium and collembola. <i>Soil Biology and Biochemistry</i> , <b>2012</b> , 50, 33-39	7.5	49
14	Comparative effects of native filamentous and arbuscular mycorrhizal fungi in the establishment of an autochthonous, leguminous shrub growing in a metal-contaminated soil. <i>Science of the Total Environment</i> , <b>2011</b> , 409, 1205-9	10.2	21
13	A molecular approach to ascertain the success of "in situ" AM fungi inoculation in the revegetation of a semiarid, degraded land. <i>Science of the Total Environment</i> , <b>2011</b> , 409, 2874-80	10.2	26
12	Effects of elevated CO <sub>2</sub> , water stress, and inoculation with <i>Glomus intraradices</i> or <i>Pseudomonas mendocina</i> on lettuce dry matter and rhizosphere microbial and functional diversity under growth chamber conditions. <i>Journal of Soils and Sediments</i> , <b>2010</b> , 10, 1585-1597	3.4	25

11	An AM fungus and a PGPR intensify the adverse effects of salinity on the stability of rhizosphere soil aggregates of <i>Lactuca sativa</i> . <i>Soil Biology and Biochemistry</i> , <b>2010</b> , 42, 429-434	7.5	112
10	Addition of microbially-treated sugar beet residue and a native bacterium increases structural stability in heavy metal-contaminated Mediterranean soils. <i>Science of the Total Environment</i> , <b>2009</b> , 407, 5448-54	10.2	9
9	Elevated CO <sub>2</sub> increases the effect of an arbuscular mycorrhizal fungus and a plant-growth-promoting rhizobacterium on structural stability of a semiarid agricultural soil under drought conditions. <i>Soil Biology and Biochemistry</i> , <b>2009</b> , 41, 1710-1716	7.5	34
8	Induction of antioxidant enzymes is involved in the greater effectiveness of a PGPR versus AM fungi with respect to increasing the tolerance of lettuce to severe salt stress. <i>Environmental and Experimental Botany</i> , <b>2009</b> , 65, 245-252	5.9	273
7	Differential effects of <i>Pseudomonas mendocina</i> and <i>Glomus intraradices</i> on lettuce plants physiological response and aquaporin PIP2 gene expression under elevated atmospheric CO <sub>2</sub> and drought. <i>Microbial Ecology</i> , <b>2009</b> , 58, 942-51	4.4	40
6	Effect of drought on the stability of rhizosphere soil aggregates of <i>Lactuca sativa</i> grown in a degraded soil inoculated with PGPR and AM fungi. <i>Applied Soil Ecology</i> , <b>2009</b> , 42, 160-165	5	51
5	Poultry manure and banana waste are effective biofertilizer carriers for promoting plant growth and soil sustainability in banana crops. <i>Soil Biology and Biochemistry</i> , <b>2008</b> , 40, 3092-3095	7.5	62
4	Plant-growth-promoting rhizobacteria and arbuscular mycorrhizal fungi modify alleviation biochemical mechanisms in water-stressed plants. <i>Functional Plant Biology</i> , <b>2008</b> , 35, 141-151	2.7	250
3	Impact of DOM from composted "alperujo" on soil structure, AM fungi, microbial activity and growth of <i>Medicago sativa</i> . <i>Waste Management</i> , <b>2008</b> , 28, 1423-31	8.6	11
2	Interactions between a plant growth-promoting rhizobacterium, an AM fungus and a phosphate-solubilising fungus in the rhizosphere of <i>Lactuca sativa</i> . <i>Applied Soil Ecology</i> , <b>2007</b> , 35, 480-487	5	115
1	Contribution of <i>Pseudomonas mendocina</i> and <i>Glomus intraradices</i> to aggregate stabilization and promotion of biological fertility in rhizosphere soil of lettuce plants under field conditions. <i>Soil Use and Management</i> , <b>2006</b> , 22, 298-304	3.1	118