Thomas F DÃ¶ring

List of Publications by Year
in descending order

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64 papers	2,806 citations	236833 25 h-index	189801 50 g-index
68 all docs	68 docs citations	68 times ranked	3099 citing authors

#	Article	IF	Citations
1	Remineralizing soils? The agricultural usage of silicate rock powders: A review. Science of the Total Environment, 2022, 807, 150976.	3.9	50
2	Quantifying compensation in crop mixtures and monocultures. European Journal of Agronomy, 2022, 132, 126408.	1.9	6
3	Root traits in cover crop mixtures of blue lupin and winter rye. Plant and Soil, 2022, 475, 309-328.	1.8	2
4	Effects of Multi-Species Microbial Inoculants on Early Wheat Growth and Litterbag Microbial Activity. Agronomy, 2022, 12, 899.	1.3	9
5	Mixture Ã— Genotype Effects in Cereal/Legume Intercropping. Frontiers in Plant Science, 2022, 13, 846720.	1.7	16
6	Relating Profile Wall Root-Length Density Estimates to Monolith Root-Length Density Measurements of Cover Crops. Agronomy, 2022, 12, 48.	1.3	2
7	Tillage effects on ground beetles in temperate climates: a review. Agronomy for Sustainable Development, 2022, 42, .	2.2	5
8	Effects of mixing two legume species at seedling stage under different environmental conditions. PeerJ, 2021, 9, e10615.	0.9	6
9	Methods of yield stability analysis in long-term field experiments. A review. Agronomy for Sustainable Development, 2021, 41, 1.	2.2	32
10	Poppy (Papaver somniferum L.) Intercropping with Spring Barley and with White Clover: Benefits and Competitive Effects. Agronomy, 2021, 11, 948.	1.3	1
11	Upper limits to sustainable organic wheat yields. Scientific Reports, 2021, 11, 12729.	1.6	5
12	Nutrient supply affects the yield stability of major European cropsâ€”a 50 year study. Environmental Research Letters, 2021, 16, 014003.	2.2	15
13	Effects of Rock Powder Additions to Cattle Slurry on Ammonia and Greenhouse Gas Emissions. Atmosphere, 2021, 12, 1652.	1.0	0
14	Effect of fertilizers and irrigation on multiâ€configuration electromagnetic induction measurements. Soil Use and Management, 2020, 36, 104-116.	2.6	12
15	Rice Yield Gaps in Smallholder Systems of the Kilombero Floodplain in Tanzania. Agronomy, 2020, 10, 1135.	1.3	15
16	Effect of Organic Amendments on the Productivity of Rainfed Lowland Rice in the Kilombero Floodplain of Tanzania. Agronomy, 2020, 10, 1280.	1.3	10
17	Vertical Root Distribution of Different Cover Crops Determined with the Profile Wall Method. Agriculture (Switzerland), 2020, 10, 503.	1.4	24
18	Crop Resilience to Drought With and Without Response Diversity. Frontiers in Plant Science, 2020, 11, 721.	1.7	14

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19	Disease suppressive soils vary in resilience to stress. Applied Soil Ecology, 2020, 149, 103482.	2.1	13
20	Site and Management Effects on Grain Yield and Yield Variability of Rainfed Lowland Rice in the Kilombero Floodplain of Tanzania. Agronomy, 2019, 9, 632.	1.3	18
21	Weed Suppression in Only-Legume Cover Crop Mixtures. Agronomy, 2019, 9, 648.	1.3	22
22	Natural Selection Towards Wild-Type in Composite Cross Populations of Winter Wheat. Frontiers in Plant Science, 2019, 10, 1757.	1.7	15
23	Grain legume yields are as stable as other spring crops in long-term experiments across northern Europe. Agronomy for Sustainable Development, 2018, 38, 63.	2.2	55
24	Detecting global trends of cereal yield stability by adjusting the coefficient of variation. European Journal of Agronomy, 2018, 99, 30-36.	1.9	68
25	Is there sufficient Ensifer and Rhizobium species diversity in UK farmland soils to support red clover (Trifolium pratense), white clover (T. repens), lucerne (Medicago sativa) and black medic (M.) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf	2.2	10
26	Boxwood BorerHeterobostrychus brunneus(Coleoptera: Bostrichidae) Infesting Dried Cassava: A Current Record from Southern Ethiopia. Journal of Insect Science, 2017, 17, 14.	0.6	2
27	Shallow non-inversion tillage in organic farming maintains crop yields and increases soil C stocks: a meta-analysis. Agronomy for Sustainable Development, 2016, 36, 1.	2.2	138
28	Resilience as a universal criterion of health. Journal of the Science of Food and Agriculture, 2015, 95, 455-465.	1.7	69
29	Impact of quality and quantity of biochar and hydrochar on soil Collembola and growth of spring wheat. Soil Biology and Biochemistry, 2015, 83, 84-87.	4.2	55
30	Assessing health in agricultureÂâ€“Âtowards a common research framework for soils, plants, animals, humans and ecosystems. Journal of the Science of Food and Agriculture, 2015, 95, 438-446.	1.7	15
31	Comparative analysis of performance and stability among composite cross populations, variety mixtures and pure lines of winter wheat in organic and conventional cropping systems. Field Crops Research, 2015, 183, 235-245.	2.3	77
32	Taylorâ€™s power law and the stability of crop yields. Field Crops Research, 2015, 183, 294-302.	2.3	58
33	Grain Legume Cropping Systems in Temperate Climates. Handbook of Plant Breeding, 2015, , 401-434.	0.1	8
34	Impact of hydro-/biochars on root morphology of spring wheat. Archives of Agronomy and Soil Science, 2015, 61, 1041-1054.	1.3	14
35	Comparison of Straw Mulch, Insecticides, Mineral Oil, and Birch Extract for Control of Transmission of Potato virus Y in Seed Potato Crops. Potato Research, 2014, 57, 59-75.	1.2	36
36	How aphids find their host plants, and how they don't. Annals of Applied Biology, 2014, 165, 3-26.	1.3	124

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37	Red oilseed rape? The potential for manipulation of petal colour in control strategies for the pollen beetle (Meligethes aeneus). Arthropod-Plant Interactions, 2013, 7, 249-258.	0.5	24
38	Seed exchange networks for agrobiodiversity conservation. A review. Agronomy for Sustainable Development, 2013, 33, 151-175.	2.2	179
39	Seasonal Phenology and Species Composition of the Aphid Fauna in a Northern Crop Production Area. PLoS ONE, 2013, 8, e71030.	1.1	13
40	Colour choice behaviour in the pollen beetle Meligethes aeneus (Coleoptera: Nitidulidae). Physiological Entomology, 2012, 37, 360-378.	0.6	44
41	The organic seed regulations framework in Europeâ€"current status and recommendations for future development. Organic Agriculture, 2012, 2, 173-183.	1.2	27
42	Impacts of climate change on plant diseasesâ€"opinions and trends. European Journal of Plant Pathology, 2012, 133, 295-313.	0.8	236
43	Concepts of plant health â€“ reviewing and challenging the foundations of plant protection. Plant Pathology, 2012, 61, 1-15.	1.2	61
44	Evolutionary Plant Breeding in Cerealsâ€"Into a New Era. Sustainability, 2011, 3, 1944-1971.	1.6	93
45	Information-theory-based model selection for determining the main vector and period of transmission of Potato virus Y. Annals of Applied Biology, 2011, 159, 414-427.	1.3	24
46	Potential and Limitations of Plant Virus Epidemiology: Lessons from the Potato virus Y Pathosystem. Potato Research, 2011, 54, 341-354.	1.2	12
47	Spectral sensitivity of the green photoreceptor of winged pea aphids. Physiological Entomology, 2011, 36, 392-396.	0.6	23
48	Autumn leaves seen through herbivore eyes. Proceedings of the Royal Society B: Biological Sciences, 2009, 276, 121-127.	1.2	111
49	Effect of sowing date and straw mulch on virus incidence and aphid infestation in organically grown faba beans (Vicia faba). Annals of Applied Biology, 2009, 154, 239-250.	1.3	14
50	Unravelling the evolution of autumn colours: an interdisciplinary approach. Trends in Ecology and Evolution, 2009, 24, 166-173.	4.2	245
51	Response to Sinkkonen: Ultraviolet reflectance in autumn leaves and the un-naming of colours. Trends in Ecology and Evolution, 2009, 24, 237-238.	4.2	6
52	Host finding in aphids and the handicaps of trapping methods. Biology Letters, 2007, 3, 150-151.	1.0	5
53	Are Autumn Foliage Colors Red Signals to Aphids?. PLoS Biology, 2007, 5, e187.	2.6	59
54	Quality evaluation needs some better quality tools. Nature, 2007, 445, 709-709.	13.7	6

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55	Photoreceptor spectral sensitivity in island and mainland populations of the bumblebee, Bombus terrestris. Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology, 2007, 193, 485-494.	0.7	100
56	Representation of Potato Virus Y Control Strategies in Current and Past Extension Literature. Potato Research, 2007, 49, 225-239.	1.2	12
57	Blattfarben von Wirts- und Nichtwirtspflanzen im Wahrnehmungsbereich des KartoffelkÃfers (Coleoptera: Chrysomelidae). Entomologia Generalis, 2007, 29, 81-95.	1.1	20
58	Preliminary Characterisation of the Spectral Sensitivity in the Cabbage Aphid with Electroretinogram Recordings (Hemiptera: Aphididae). Entomologia Generalis, 2007, 30, 233-234.	1.1	10
59	Evidence for trichromacy in the green peach aphid, Myzus persicae (Sulz.) (Hemiptera: Aphididae). Journal of Insect Physiology, 2005, 51, 1255-1260.	0.9	81
60	Effects of straw mulch on soil nitrate dynamics, weeds, yield and soil erosion in organically grown potatoes. Field Crops Research, 2005, 94, 238-249.	2.3	157
61	Potato virus Y reduction by straw mulch in organic potatoes. Annals of Applied Biology, 2004, 144, 347-355.	1.3	66
62	Response of alate aphids to green targets on coloured backgrounds. Entomologia Experimentalis Et Applicata, 2004, 113, 53-61.	0.7	61
63	Biotic indicators of carabid species richness on organically and conventionally managed arable fields. Agriculture, Ecosystems and Environment, 2003, 98, 133-139.	2.5	18
64	Which carabid species benefit from organic agriculture?â€”a review of comparative studies in winter cereals from Germany and Switzerland. Agriculture, Ecosystems and Environment, 2003, 98, 153-161.	2.5	63