

List of publications by Christian Körner

ORCID ID: 0000-0001-7768-7638

2021

- He XF, Wang SW, Körner C, Yang Y (2021) Water and nutrient relations of mistletoes at the drought limit of their hosting evergreen oaks in the semiarid upper Yangtze region, SW China. *Trees* 35:387-394, doi.org/10.1007/s00468-020-02039-x
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- Körner C (2021) 'Fading of the temperature-growth coupling' in treeline trees reflects a conceptual bias. *Global Change Biology* 27:3951-3952, doi: 10.1111/gcb.15730
- Körner C (2021) The cold range limit of trees. *Trends Ecol Evol* 26:979-989, doi.org/10.1016/j.tree.2021.06.011
- Körner C (2021) Mountain definitions and their consequences. *Alpine Botany* 131:213-217, doi.org/10.1007/s00035-021-00265-8
- Körner C (2021) Tools shape paradigms of plant-environment interactions. *Progress in Botany* 82:1-42, doi.org/10.1007/124_2020_41
- Körner C, Hiltbrunner E (2021) Why is the alpine flora comparatively robust against climatic warming? *Diversity* 13, 383, doi.org/10.3390/d13080383
- Seeber J, Newesely C, Steinwandter M, Rief A, Körner C, Tappeiner U, Meyer E (2021) Soil invertebrate abundance, diversity and community composition across steep high elevation snowmelt gradients in the European Alps. *Arctic Antarctic Alpine Res* 53:288-299, doi.org/10.1080/15230430.2021.1982665
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- Körner C (2020) Experiments by Nature: Strength in Realism. In: Burt T, Thompson D (eds) *Curious about Nature*, Cambridge university press, Cambridge, 236-240
- Körner C (2020) Trees at the limit. *KIOES Opinions (Austrian Acad Sci)* 10:12-17
- Körner C (2020) Biodiversität, Kohlenstoffkreislauf und Klimawirkungen sind im Wald eng verknüpft. *Forum für Wissen (WSL)* 2020:65-70
- Körner C (2020) Tools shape paradigms of plant-environment interactions. *Progress Botany* 82:1-42
- Möhl P, Hiltbrunner E, Körner C (2020) Halving sunlight reveals no carbon limitation of aboveground biomass production in alpine grassland. *Global Change Biol* DOI: 10.1111/gcb.14949
- Prescott CP, Grayston SJ, Helmisaari HS, Kaštovská E, Körner C, Lambers H, Meier IC, Millard P, Ostonen I (2020) Rhizosphere 'trade' is an unnecessary analogy: response to No₂. *Trends Ecol Evol* 36:176-177, doi.org/10.1016/j.tree.2020.12.005
- Prescott CP, Grayston SJ, Helmisaari HS, Kaštovská E, Körner C, Lambers H, Meier IC, Millard P, Ostonen I (2020) Surplus carbon drives allocation and plant-soil interactions. *Trends Ecol Evol* 35:1110-1118
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- Schuldt, Bernhard; Buras, Allan; Arend, Matthias; Vitasse, Yann; Beierkuhnlein, Carl; Damm, Alexander; Gharun, Mana; Grams, Thorsten E. E.; Hauck, Markus; Hajek, Peter; Hartmann, Henrik; Hiltbrunner, Erika; Hoch, Guenter; Holloway-Phillips, Meisha; Koerner, Christian; Larysch, Elena; Luebbe, Torben; Nelson, Daniel B.; Rammig, Anja; Rigling, Andreas; Rose, Laura; Ruehr, Nadine K.; Schumann, Katja; Weiser, Frank; Werner, Christiane; Wohlgemuth, Thomas; Zang, Christian S.; Kahmen, Ansgar (2020) A first assessment of the impact of the extreme 2018 summer drought on Central European forests. *Basic and Appl Ecology* 45:86-103
- Yang Y, Sun H, Körner C (2020) Explaining the exceptional 4270 m high elevation limit of an evergreen oak in the south-eastern Himalayas. *Tree Physiology* 40:1327-1342

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