Artur Stefanski

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/4986840/publications.pdf

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36 papers	2,423 citations	394421 19 h-index	377865 34 g-index
37 all docs	37 docs citations	37 times ranked	4632 citing authors

#	Article	IF	Citations
1	Remote spectral detection of biodiversity effects on forest biomass. Nature Ecology and Evolution, 2021, 5, 46-54.	7.8	33
2	Short- and long-term responses of photosynthetic capacity to temperature in four boreal tree species in a free-air warming and rainfall manipulation experiment. Tree Physiology, 2021, 41, 89-102.	3.1	10
3	Species-specific flowering phenology responses to experimental warming and drought alter herbaceous plant species overlap in a temperateâ€“boreal forest community. Annals of Botany, 2021, 127, 203-211.	2.9	9
4	Enhanced light interception and light use efficiency explain overyielding in young tree communities. Ecology Letters, 2021, 24, 996-1006.	6.4	24
5	Assessing the relevant time frame for temperature acclimation of leaf dark respiration: A test with 10 boreal and temperate species. Global Change Biology, 2021, 27, 2945-2958.	9.5	8
6	Exotics are more complementary over time in tree biodiversityâ€“ecosystem functioning experiments. Functional Ecology, 2021, 35, 2550.	3.6	2
7	Surprising lack of sensitivity of biochemical limitation of photosynthesis of nine tree species to openâ€air experimental warming and reduced rainfall in a southern boreal forest. Global Change Biology, 2020, 26, 746-759.	9.5	26
8	Warming and disturbance alter soil microbiome diversity and function in a northern forest ecotone. FEMS Microbiology Ecology, 2020, 96, .	2.7	14
9	Phenology matters: Extended spring and autumn canopy cover increases biotic resistance of forests to invasion by common buckthorn (Rhamnus cathartica). Forest Ecology and Management, 2020, 464, 118067.	3.2	14
10	Phenological responses of temperate and boreal trees to warming depend on ambient spring temperatures, leaf habit, and geographic range. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 10397-10405.	7.1	65
11	Early stage litter decomposition across biomes. Science of the Total Environment, 2018, 628-629, 1369-1394.	8.0	177
12	Reduced feeding activity of soil detritivores under warmer and drier conditions. Nature Climate Change, 2018, 8, 75-78.	18.8	117
13	Biodiversity bottleneck: seedling establishment under changing climatic conditions at the borealâ€“temperate ecotone. Plant Ecology, 2018, 219, 691-704.	1.6	11
14	Effect of Simulated Climate Warming on the Ectomycorrhizal Fungal Community of Boreal and Temperate Host Species Growing Near Their Shared Ecotonal Range Limits. Microbial Ecology, 2018, 75, 348-363.	2.8	34
15	Mycorrhizal fungal spore community structure in a manipulated prairie. Restoration Ecology, 2018, 26, 124-133.	2.9	10
16	Effects of climate warming on photosynthesis in boreal tree species depend on soil moisture. Nature, 2018, 562, 263-267.	27.8	248
17	Experimental warming advances phenology of groundlayer plants at the borealâ€temperate forest ecotone. American Journal of Botany, 2018, 105, 851-861.	1.7	25
18	Warming alters energetic structure and function but not resilience of soil food webs. Nature Climate Change, 2017, 7, 895-900.	18.8	75

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19	Ectomycorrhizal fungal response to warming is linked to poor host performance at the borealâ€temperate ecotone. Global Change Biology, 2017, 23, 1598-1609.	9.5	100
20	Ectomycorrhizal fungal diversity and saprotrophic fungal diversity are linked to different tree community attributes in a fieldâ€based tree experiment. Molecular Ecology, 2016, 25, 4032-4046.	3.9	95
21	Consistent leaf respiratory response to experimental warming of three North American deciduous trees: a comparison across seasons, years, habitats and sites. Tree Physiology, 2016, 37, 285-300.	3.1	9
22	Effects of soil warming history on the performances of congeneric temperate and boreal herbaceous plant species and their associations with soil biota. Journal of Plant Ecology, 2016, , rtw066.	2.3	3
23	Is it getting hot in here? Adjustment of hydraulic parameters in six boreal and temperate tree species after 5Âyears of warming. Global Change Biology, 2016, 22, 4124-4133.	9.5	17
24	Boreal and temperate trees show strong acclimation of respiration to warming. Nature, 2016, 531, 633-636.	27.8	212
25	Temperature and leaf nitrogen affect performance of plant species at range overlap. Ecosphere, 2015, 6, art186.	2.2	7
26	Acclimation of photosynthetic temperature optima of temperate and boreal tree species in response to experimental forest warming. Global Change Biology, 2015, 21, 1342-1357.	9.5	108
27	Design and performance of combined infrared canopy and belowground warming in the B4Warm<scp>ED</scp> (Boreal Forest Warming at an Ecotone in Danger) experiment. Global Change Biology, 2015, 21, 2334-2348.	9.5	65
28	Geographic range predicts photosynthetic and growth response to warming in co-occurring treeÂspecies. Nature Climate Change, 2015, 5, 148-152.	18.8	179
29	Responses of two understory herbs, Maianthemum canadense and Eurybia macrophylla, to experimental forest warming: Early emergence is the key to enhanced reproductive output. American Journal of Botany, 2015, 102, 1610-1624.	1.7	31
30	Nematode community shifts in response to experimental warming and canopy conditions are associated with plant community changes in the temperate-boreal forest ecotone. Oecologia, 2014, 175, 713-723.	2.0	80
31	Some plants like it warmer: Increased growth of three selected invasive plant species in soils with a history of experimental warming. Pedobiologia, 2014, 57, 57-60.	1.2	11
32	Warming shifts â€˜wormingâ€™: effects of experimental warming on invasive earthworms in northern North America. Scientific Reports, 2014, 4, 6890.	3.3	20
33	The effect of experimental warming and precipitation change on proteolytic enzyme activity: positive feedbacks to nitrogen availability are not universal. Global Change Biology, 2012, 18, 2617-2625.	9.5	80
34	Advances, challenges and a developing synthesis of ecological community assembly theory. Philosophical Transactions of the Royal Society B: Biological Sciences, 2011, 366, 2403-2413.	4.0	498
35	BII-Implementation: The causes and consequences of plant biodiversity across scales in a rapidly changing world. Research Ideas and Outcomes, 0, 7, .	1.0	5
36	Patterns of belowground overyielding and fineâ€root biomass in native and exotic angiosperms and gymnosperms. Oikos, 0, , .	2.7	1