

# Constanze Buhk

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7854841/publications.pdf>

Version: 2024-02-01

30  
papers

1,089  
citations

567281

15  
h-index

552781

26  
g-index

31  
all docs

31  
docs citations

31  
times ranked

2394  
citing authors

#	ARTICLE	IF	CITATIONS
1	Fire-related traits for plant species of the Mediterranean Basin. <i>Ecology</i> , 2009, 90, 1420-1420.	3.2	217
2	Environmental drivers of large, infrequent wildfires: the emerging conceptual model. <i>Progress in Physical Geography</i> , 2007, 31, 287-312.	3.2	181
3	Local adaptations to frost in marginal and central populations of the dominant forest tree <i>Fagus sylvatica</i> L. as affected by temperature and extreme drought in common garden experiments. <i>Ecology and Evolution</i> , 2014, 4, 594-605.	1.9	97
4	The challenge of plant regeneration after fire in the Mediterranean Basin: scientific gaps in our knowledge on plant strategies and evolution of traits. <i>Plant Ecology</i> , 2007, 192, 1-19.	1.6	76
5	Different reactions of central and marginal provenances of <i>Fagus sylvatica</i> to experimental drought. <i>European Journal of Forest Research</i> , 2014, 133, 247-260.	2.5	74
6	Post-fire regeneration in a Mediterranean pine forest with historically low fire frequency. <i>Acta Oecologica</i> , 2006, 30, 288-298.	1.1	69
7	Flower strip networks offer promising long term effects on pollinator species richness in intensively cultivated agricultural areas. <i>BMC Ecology</i> , 2018, 18, 55.	3.0	57
8	Homogenizing and diversifying effects of intensive agricultural land-use on plant species beta diversity in Central Europe – A call to adapt our conservation measures. <i>Science of the Total Environment</i> , 2017, 576, 225-233.	8.0	44
9	Fire seeders during early post-fire succession and their quantitative importance in south-eastern Spain. <i>Journal of Arid Environments</i> , 2006, 66, 193-209.	2.4	41
10	Seed characteristics and germination limitations in the highly invasive <i>Fallopia japonica</i> s.l. (Polygonaceae). <i>Ecological Research</i> , 2011, 26, 555-562.	1.5	29
11	Predicting plant species richness and vegetation patterns in cultural landscapes using disturbance parameters. <i>Agriculture, Ecosystems and Environment</i> , 2007, 122, 446-452.	5.3	24
12	Contrasting effects of irrigation and fertilization on plant diversity in hay meadows. <i>Basic and Applied Ecology</i> , 2016, 17, 576-585.	2.7	22
13	Hybridisation boosts the invasion of an alien species complex: Insights into future invasiveness. <i>Perspectives in Plant Ecology, Evolution and Systematics</i> , 2015, 17, 274-283.	2.7	19
14	Plant regeneration mechanisms during early post-fire succession in south-eastern Spain. <i>Feddes Repertorium</i> , 2005, 116, 392-404.	0.5	17
15	Invasion of a Legume Ecosystem Engineer in a Cold Biome Alters Plant Biodiversity. <i>Frontiers in Plant Science</i> , 2018, 9, 715.	3.6	17
16	Plant diversity in a water-meadow landscape: the role of irrigation ditches. <i>Plant Ecology</i> , 2017, 218, 971-981.	1.6	17
17	High plasticity in germination and establishment success in the dominant forest tree <i>Fagus sylvatica</i> across Europe. <i>Global Ecology and Biogeography</i> , 2021, 30, 1583-1596.	5.8	15
18	Effects of climatic factors on <i>Fallopia japonica</i> s.l. seedling establishment: evidence from laboratory experiments. <i>Plant Species Biology</i> , 2012, 27, 218-225.	1.0	12

#	ARTICLE	IF	CITATIONS
19	Plant functional shifts in Central European grassland under traditional flood irrigation. <i>Applied Vegetation Science</i> , 2016, 19, 122-131.	1.9	12
20	A systematic approach to relate plant-species diversity to land use diversity across landscapes. <i>Landscape and Urban Planning</i> , 2012, 107, 236-244.	7.5	9
21	Invasion windows for a global legume invader are revealed after joint examination of abiotic and biotic filters. <i>Plant Biology</i> , 2019, 21, 832-843.	3.8	9
22	On the influence of provenance to soil quality enhanced stress reaction of young beech trees to summer drought. <i>Ecology and Evolution</i> , 2016, 6, 8276-8290.	1.9	8
23	Seed longevity of eight species common during early postfire regeneration in south-eastern Spain: A 3-year burial experiment. <i>Plant Species Biology</i> , 2008, 23, 18-24.	1.0	7
24	Disentangling the role of management, vegetation structure, and plant quality for Orthoptera in lowland meadows. <i>Insect Science</i> , 2019, 26, 366-378.	3.0	7
25	Flood Pulse Irrigation of Meadows Shapes Soil Chemical and Microbial Parameters More Than Mineral Fertilization. <i>Soil Systems</i> , 2021, 5, 24.	2.6	6
26	A transplantation experiment along climatic gradients suggests limitations of experimental warming manipulations. <i>Climate Research</i> , 2014, 60, 63-71.	1.1	2
27	Evidence for species specific impacts of resprouters on herbal vegetation patterns during post-fire succession in south-eastern Spain. <i>Basic and Applied Dryland Research</i> , 2008, 2, 1-11.	0.7	0
28	Traditional Water Meadows: A Sustainable Management Type for the Future?. , 2019, , .		0
29	Disturbances and Biodiversity at GrafenwÄhr Training Area. <i>Biodiversity and Ecology = Biodiversitat Und Okologie</i> , 2012, 4, 365-365.	0.3	0
30	Disturbances and Biodiversity in the Fichtelgebirge. <i>Biodiversity and Ecology = Biodiversitat Und Okologie</i> , 2012, 4, 364-364.	0.3	0