

Johannes Knops

List of Publications by Year in descending order

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Version: 2024-02-01

42
papers

13,870
citations

185998

28
h-index

315357

38
g-index

43
all docs

43
docs citations

43
times ranked

14503
citing authors

#	ARTICLE	IF	CITATIONS
1	Pocket gopher disturbance slows soil carbon accumulation in abandoned agricultural lands. <i>Ecology</i> , 2022, 103, e3627.	1.5	5
2	Nutrient identity modifies the destabilising effects of eutrophication in grasslands. <i>Ecology Letters</i> , 2022, 25, 754-765.	3.0	17
3	Biodiversity and yield trade-offs for organic farming. <i>Ecology Letters</i> , 2022, 25, 1699-1710.	3.0	25
4	Increasing effects of chronic nutrient enrichment on plant diversity loss and ecosystem productivity over time. <i>Ecology</i> , 2021, 102, e03218.	1.5	62
5	Misinformation, internet honey trading and beekeepers drive a plant invasion. <i>Ecology Letters</i> , 2021, 24, 165-169.	3.0	12
6	Soil properties as key predictors of global grassland production: Have we overlooked micronutrients?. <i>Ecology Letters</i> , 2021, 24, 2713-2725.	3.0	28
7	Opposing community assembly patterns for dominant and nondominant plant species in herbaceous ecosystems globally. <i>Ecology and Evolution</i> , 2021, 11, 17744-17761.	0.8	8
8	TRY plant trait database " enhanced coverage and open access. <i>Global Change Biology</i> , 2020, 26, 119-188.	4.2	1,038
9	General destabilizing effects of eutrophication on grassland productivity at multiple spatial scales. <i>Nature Communications</i> , 2020, 11, 5375.	5.8	75
10	Outbreak analysis with a logistic growth model shows COVID-19 suppression dynamics in China. <i>PLoS ONE</i> , 2020, 15, e0235247.	1.1	27
11	Nutrient availability controls the impact of mammalian herbivores on soil carbon and nitrogen pools in grasslands. <i>Global Change Biology</i> , 2020, 26, 2060-2071.	4.2	43
12	Nutrient addition increases grassland sensitivity to droughts. <i>Ecology</i> , 2020, 101, e02981.	1.5	44
13	Climate and local environment structure asynchrony and the stability of primary production in grasslands. <i>Global Ecology and Biogeography</i> , 2020, 29, 1177-1188.	2.7	41
14	Outbreak analysis with a logistic growth model shows COVID-19 suppression dynamics in China. , 2020, 15, e0235247.		0
15	Outbreak analysis with a logistic growth model shows COVID-19 suppression dynamics in China. , 2020, 15, e0235247.		0
16	Outbreak analysis with a logistic growth model shows COVID-19 suppression dynamics in China. , 2020, 15, e0235247.		0
17	Outbreak analysis with a logistic growth model shows COVID-19 suppression dynamics in China. , 2020, 15, e0235247.		0
18	Soil net nitrogen mineralisation across global grasslands. <i>Nature Communications</i> , 2019, 10, 4981.	5.8	57

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19	Sensitivity of global soil carbon stocks to combined nutrient enrichment. <i>Ecology Letters</i> , 2019, 22, 936-945.	3.0	75
20	Multispecies invasion reduces the negative impact of single alien plant species on native flora. <i>Diversity and Distributions</i> , 2019, 25, 951-962.	1.9	25
21	Contingent factors explain average divergence in functional composition over 88 years of old field succession. <i>Journal of Ecology</i> , 2019, 107, 545-558.	1.9	56
22	Effects of elevated CO ₂ , increased nitrogen deposition, and plant diversity on aboveground litter and root decomposition. <i>Ecosphere</i> , 2018, 9, e02111.	1.0	6
23	Increased productivity in wet years drives a decline in ecosystem stability with nitrogen additions in arid grasslands. <i>Ecology</i> , 2017, 98, 1779-1786.	1.5	47
24	Addition of multiple limiting resources reduces grassland diversity. <i>Nature</i> , 2016, 537, 93-96.	13.7	355
25	Integrative modelling reveals mechanisms linking productivity and plant species richness. <i>Nature</i> , 2016, 529, 390-393.	13.7	564
26	Grassland productivity limited by multiple nutrients. <i>Nature Plants</i> , 2015, 1, 15080.	4.7	403
27	Effect of the Internet Commerce on Dispersal Modes of Invasive Alien Species. <i>PLoS ONE</i> , 2014, 9, e99786.	1.1	55
28	Eutrophication weakens stabilizing effects of diversity in natural grasslands. <i>Nature</i> , 2014, 508, 521-525.	13.7	409
29	Predicting invasion in grassland ecosystems: is exotic dominance the real embarrassment of richness?. <i>Global Change Biology</i> , 2013, 19, 3677-3687.	4.2	70
30	Soil Carbon and Nitrogen Accumulation and Vertical Distribution across a 74-Year Chronosequence. <i>Soil Science Society of America Journal</i> , 2009, 73, 2096-2104.	1.2	62
31	The impact of co-occurring tree and grassland species on carbon sequestration and potential biofuel production. <i>GCB Bioenergy</i> , 2009, 1, 392-403.	2.5	10
32	Biodiversity and ecosystem stability in a decade-long grassland experiment. <i>Nature</i> , 2006, 441, 629-632.	13.7	1,668
33	Fire does not alter vegetation in infertile prairie. <i>Oecologia</i> , 2006, 150, 477-483.	0.9	47
34	Diversity and Productivity in a Long-Term Grassland Experiment. <i>Science</i> , 2001, 294, 843-845.	6.0	1,873
35	Selective herbivory on a nitrogen fixing legume (<i>Lathyrus venosus</i>) influences productivity and ecosystem nitrogen pools in an oak savanna. <i>Ecoscience</i> , 2000, 7, 166-174.	0.6	41
36	DYNAMICS OF SOIL NITROGEN AND CARBON ACCUMULATION FOR 61 YEARS AFTER AGRICULTURAL ABANDONMENT. <i>Ecology</i> , 2000, 81, 88-98.	1.5	457

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37	Effects of plant species richness on invasion dynamics, disease outbreaks, insect abundances and diversity. Ecology Letters, 1999, 2, 286-293.	3.0	723
38	Scale of mast-seeding and tree-ring growth. Nature, 1998, 396, 225-226.	13.7	278
39	HERBIVORE EFFECTS ON PLANT AND NITROGEN DYNAMICS IN OAK SAVANNA. Ecology, 1998, 79, 165-177.	1.5	407
40	The Influence of Functional Diversity and Composition on Ecosystem Processes. Science, 1997, 277, 1300-1302.	6.0	2,414
41	Biodiversity and Ecosystem Properties. Science, 1997, 278, 1865c-1869.	6.0	104
42	Productivity and sustainability influenced by biodiversity in grassland ecosystems. Nature, 1996, 379, 718-720.	13.7	2,237