

Johannes Knops

List of Publications by Year in descending order

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Version: 2024-02-01

42
papers

13,870
citations

186265

28
h-index

315739

38
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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. Ecology, 2022, 103, e3627.	3.2	5
2	Nutrient identity modifies the destabilising effects of eutrophication in grasslands. Ecology Letters, 2022, 25, 754-765.	6.4	17
3	Biodiversity and yield trade-offs for organic farming. Ecology Letters, 2022, 25, 1699-1710.	6.4	25
4	Increasing effects of chronic nutrient enrichment on plant diversity loss and ecosystem productivity over time. Ecology, 2021, 102, e03218.	3.2	62
5	Misinformation, internet honey trading and beekeepers drive a plant invasion. Ecology Letters, 2021, 24, 165-169.	6.4	12
6	Soil properties as key predictors of global grassland production: Have we overlooked micronutrients?. Ecology Letters, 2021, 24, 2713-2725.	6.4	28
7	Opposing community assembly patterns for dominant and nondominant plant species in herbaceous ecosystems globally. Ecology and Evolution, 2021, 11, 17744-17761.	1.9	8
8	TRY plant trait database " enhanced coverage and open access. Global Change Biology, 2020, 26, 119-188.	9.5	1,038
9	General destabilizing effects of eutrophication on grassland productivity at multiple spatial scales. Nature Communications, 2020, 11, 5375.	12.8	75
10	Outbreak analysis with a logistic growth model shows COVID-19 suppression dynamics in China. PLoS ONE, 2020, 15, e0235247.	2.5	27
11	Nutrient availability controls the impact of mammalian herbivores on soil carbon and nitrogen pools in grasslands. Global Change Biology, 2020, 26, 2060-2071.	9.5	43
12	Nutrient addition increases grassland sensitivity to droughts. Ecology, 2020, 101, e02981.	3.2	44
13	Climate and local environment structure asynchrony and the stability of primary production in grasslands. Global Ecology and Biogeography, 2020, 29, 1177-1188.	5.8	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. Nature Communications, 2019, 10, 4981.	12.8	57

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19	Sensitivity of global soil carbon stocks to combined nutrient enrichment. <i>Ecology Letters</i> , 2019, 22, 936-945.	6.4	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.	4.1	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.	4.0	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.	2.2	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.	3.2	47
24	Addition of multiple limiting resources reduces grassland diversity. <i>Nature</i> , 2016, 537, 93-96.	27.8	355
25	Integrative modelling reveals mechanisms linking productivity and plant species richness. <i>Nature</i> , 2016, 529, 390-393.	27.8	564
26	Grassland productivity limited by multiple nutrients. <i>Nature Plants</i> , 2015, 1, 15080.	9.3	403
27	Effect of the Internet Commerce on Dispersal Modes of Invasive Alien Species. <i>PLoS ONE</i> , 2014, 9, e99786.	2.5	55
28	Eutrophication weakens stabilizing effects of diversity in natural grasslands. <i>Nature</i> , 2014, 508, 521-525.	27.8	409
29	Predicting invasion in grassland ecosystems: is exotic dominance the real embarrassment of richness?. <i>Global Change Biology</i> , 2013, 19, 3677-3687.	9.5	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.	2.2	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.	5.6	10
32	Biodiversity and ecosystem stability in a decade-long grassland experiment. <i>Nature</i> , 2006, 441, 629-632.	27.8	1,668
33	Fire does not alter vegetation in infertile prairie. <i>Oecologia</i> , 2006, 150, 477-483.	2.0	47
34	Diversity and Productivity in a Long-Term Grassland Experiment. <i>Science</i> , 2001, 294, 843-845.	12.6	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.	1.4	41
36	DYNAMICS OF SOIL NITROGEN AND CARBON ACCUMULATION FOR 61 YEARS AFTER AGRICULTURAL ABANDONMENT. <i>Ecology</i> , 2000, 81, 88-98.	3.2	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.	6.4	723
38	Scale of mast-seeding and tree-ring growth. Nature, 1998, 396, 225-226.	27.8	278
39	HERBIVORE EFFECTS ON PLANT AND NITROGEN DYNAMICS IN OAK SAVANNA. Ecology, 1998, 79, 165-177.	3.2	407
40	The Influence of Functional Diversity and Composition on Ecosystem Processes. Science, 1997, 277, 1300-1302.	12.6	2,414
41	Biodiversity and Ecosystem Properties. Science, 1997, 278, 1865c-1869.	12.6	104
42	Productivity and sustainability influenced by biodiversity in grassland ecosystems. Nature, 1996, 379, 718-720.	27.8	2,237