

# Tiiu Kull

## List of Publications by Year in descending order

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Version: 2024-02-01

63  
papers

2,635  
citations

279487

23  
h-index

197535

49  
g-index

68  
all docs

68  
docs citations

68  
times ranked

3247  
citing authors

#	ARTICLE	IF	CITATIONS
1	Identifying and managing the conflicts between agriculture and biodiversity conservation in Europe – A review. <i>Agriculture, Ecosystems and Environment</i> , 2008, 124, 60-71.	2.5	517
2	Advantages of Volunteer-Based Biodiversity Monitoring in Europe. <i>Conservation Biology</i> , 2009, 23, 307-316.	2.4	276
3	High specificity generally characterizes mycorrhizal association in rare lady's slipper orchids, genus <i>Cypripedium</i> . <i>Molecular Ecology</i> , 2005, 14, 613-626.	2.0	171
4	A comparative analysis of decline in the distribution ranges of orchid species in Estonia and the United Kingdom. <i>Biological Conservation</i> , 2006, 129, 31-39.	1.9	149
5	THE EVOLUTIONARY HISTORY OF MYCORRHIZAL SPECIFICITY AMONG LADY'S SLIPPER ORCHIDS. <i>Evolution; International Journal of Organic Evolution</i> , 2007, 61, 1380-1390.	1.1	129
6	Mycorrhizal interactions of orchids colonizing Estonian mine tailings hills. <i>American Journal of Botany</i> , 2008, 95, 156-164.	0.8	104
7	Temporal patterns of orchid mycorrhizal fungi in meadows and forests as revealed by 454 pyrosequencing. <i>New Phytologist</i> , 2015, 205, 1608-1618.	3.5	96
8	Conflicts between Biodiversity Conservation and Human Activities in the Central and Eastern European Countries. <i>Ambio</i> , 2007, 36, 545-550.	2.8	84
9	<i>Cypripedium calceolus</i> L.. <i>Journal of Ecology</i> , 1999, 87, 913-924.	1.9	78
10	ADULT WHOLE-PLANT DORMANCY INDUCED BY STRESS IN LONG-LIVED ORCHIDS. <i>Ecology</i> , 2005, 86, 3099-3104.	1.5	66
11	Palynological richness and pollen sample evenness in relation to local floristic diversity in southern Estonia. <i>Review of Palaeobotany and Palynology</i> , 2011, 166, 344-351.	0.8	66
12	Interactions of fungi with other organisms. <i>Plant Biosystems</i> , 2013, 147, 208-218.	0.8	57
13	Fruit-set and recruitment in populations of <i>Cypripedium calceolus</i> L. in Estonia. <i>Botanical Journal of the Linnean Society</i> , 1998, 126, 27-38.	0.8	56
14	The role of landscape structure in determining palynological and floristic richness. <i>Vegetation History and Archaeobotany</i> , 2013, 22, 39-49.	1.0	44
15	Factors influencing IUCN threat levels to orchids across Europe on the basis of national red lists. <i>Ecology and Evolution</i> , 2016, 6, 6245-6265.	0.8	43
16	Minority cytotypes in European populations of the <i>Gymnadenia conopsea</i> complex (Orchidaceae) greatly increase intraspecific and intrapopulation diversity. <i>Annals of Botany</i> , 2012, 110, 977-986.	1.4	39
17	Drivers of vegetative dormancy across herbaceous perennial plant species. <i>Ecology Letters</i> , 2018, 21, 724-733.	3.0	39
18	The demography of terrestrial orchids: life history, population dynamics and conservation. <i>Botanical Journal of the Linnean Society</i> , 2020, 192, 315-332.	0.8	39

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19	Habitat preferences as related to the prolonged dormancy of perennial herbs and ferns. <i>Plant Ecology</i> , 2010, 210, 111-123.	0.7	33
20	Fertilising semi-natural grasslands may cause long-term negative effects on both biodiversity and ecosystem stability. <i>Journal of Applied Ecology</i> , 2018, 55, 1951-1955.	1.9	33
21	The tourism partnership life cycle in Estonia: Striving towards sustainable multisectoral rural tourism collaboration. <i>Tourism Management Perspectives</i> , 2019, 31, 219-230.	3.2	29
22	Demographic response to shading and defoliation in two woodland orchids. <i>Folia Geobotanica</i> , 2006, 41, 95-106.	0.4	27
23	The potential impacts of changes in ecological networks, land use and climate on the Eurasian crane population in Estonia. <i>Landscape Ecology</i> , 2015, 30, 887-904.	1.9	24
24	High genetic diversity in a threatened clonal species, <i>Cypripedium calceolus</i> (Orchidaceae), enables long-term stability of the species in different biogeographical regions in Estonia. <i>Botanical Journal of the Linnean Society</i> , 2018, 186, 560-571.	0.8	24
25	Distribution trends of rare vascular plant species in Estonia. <i>Biodiversity and Conservation</i> , 2002, 11, 171-196.	1.2	23
26	Necessity and reality of monitoring threatened European vascular plants. <i>Biodiversity and Conservation</i> , 2008, 17, 3383-3402.	1.2	23
27	Fungi from the roots of the terrestrial photosynthetic orchid <i>Himantoglossum adriaticum</i> . <i>Plant Ecology and Evolution</i> , 2013, 146, 145-152.	0.3	23
28	Local-scale spatial structure and community composition of orchid mycorrhizal fungi in semi-natural grasslands. <i>Mycorrhiza</i> , 2017, 27, 355-367.	1.3	21
29	Linking vegetative dormancy to fitness in two long-lived herbaceous perennials. <i>Ecosphere</i> , 2012, 3, art13.	1.0	19
30	Habitat preferences and distribution characteristics are indicative of species long-term persistence in the Estonian flora. <i>Biodiversity and Conservation</i> , 2008, 17, 3531-3550.	1.2	17
31	Molecular identification of root fungal associates in <i>Orchis pauciflora</i> Tenore. <i>Plant Biosystems</i> , 2012, 146, 985-991.	0.8	15
32	Effective double-digest RAD sequencing and genotyping despite large genome size. <i>Molecular Ecology Resources</i> , 2021, 21, 1037-1055.	2.2	15
33	<i>Orchis ustulata</i> L.. <i>Journal of Ecology</i> , 2004, 92, 174-184.	1.9	13
34	Orchid abundance in hemiboreal forests: stand-scale effects of clear-cutting, green-tree retention, and artificial drainage. <i>Canadian Journal of Forest Research</i> , 2011, 41, 1352-1358.	0.8	13
35	A framework for habitat monitoring and climate change modelling: construction and validation of the Environmental Stratification of Estonia. <i>Regional Environmental Change</i> , 2017, 17, 335-349.	1.4	13
36	Factors of divergence in co-occurring varieties of <i>Dactylorhiza incarnata</i> (Orchidaceae). <i>Plant Systematics and Evolution</i> , 2004, 248, 177.	0.3	12

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37	Pollen flow and post-pollination barriers in two varieties of <i>Dactylorhiza incarnata</i> s.l. (Orchidaceae). <i>Plant Systematics and Evolution</i> , 2008, 274, 171-178.	0.3	12
38	Change in agriculturally used land and related habitat loss: A case study in eastern Estonia over 50 years. <i>Estonian Journal of Ecology</i> , 2008, 57, 119.	0.5	12
39	Phylogeography and post-glacial dynamics in the clonal-sexual orchid <i>Cypripedium calceolus</i> L.. <i>Journal of Biogeography</i> , 2019, 46, 526-538.	1.4	12
40	Trait-based analysis of decline in plant species ranges during the 20th century: a regional comparison between the UK and Estonia. <i>Global Change Biology</i> , 2015, 21, 2726-2738.	4.2	11
41	The long-term recovery of a moderately fertilised semi-natural grassland. <i>Agriculture, Ecosystems and Environment</i> , 2020, 289, 106744.	2.5	11
42	Weather and herbivores influence fertility in the endangered fern <i>Botrychium multifidum</i> (S.G. Gmel.) Rupr. <i>Plant Ecology</i> , 2009, 203, 23-31.	0.7	9
43	The impact of recent colonization on the genetic diversity and fine-scale genetic structure in <i>Orchis militaris</i> (L.). <i>Plant Systematics and Evolution</i> , 2015, 301, 1875-1886.	0.3	9
44	Four seed-quality measures in orchids with different pollination systems. <i>Acta Botanica Gallica</i> , 2015, 162, 263-269.	0.9	8
45	Highly variable flowering time in <i>Orchis ustulata</i> (Orchidaceae): consequences for population dynamics. <i>Nordic Journal of Botany</i> , 2001, 21, 457-466.	0.2	7
46	Temporal cycles and spatial asynchrony in the reproduction and growth of a rare nectarless orchid, <i>Cypripedium calceolus</i> . <i>Botanical Journal of the Linnean Society</i> , 2017, 183, 316-326.	0.8	7
47	Drivers of species richness and community integrity of small forest patches in an agricultural landscape. <i>Journal of Vegetation Science</i> , 2018, 29, 978-988.	1.1	7
48	Genetic diversity patterns of the orchid <i>Anacamptis pyramidalis</i> at the edges of its distribution range. <i>Plant Systematics and Evolution</i> , 2016, 302, 1227-1238.	0.3	6
49	Creating shared collaborative tourism identity in a post-communist environment. <i>Scandinavian Journal of Hospitality and Tourism</i> , 2021, 21, 313-340.	1.4	6
50	ConservePlants: An integrated approach to conservation of threatened plants for the 21st Century. <i>Research Ideas and Outcomes</i> , 0, 7, .	1.0	6
51	Analysis of fungal diversity in <i>Orchis tridentata</i> Scopoli. <i>Open Life Sciences</i> , 2012, 7, 850-857.	0.6	4
52	The use of 3D visualization for sustainable tourism planning. <i>Journal of Baltic Studies</i> , 2018, 49, 371-385.	0.2	4
53	Management affects the pollinator abundance but not the reproductive success of butterfly orchids. <i>Plant Ecology</i> , 2018, 219, 1329-1339.	0.7	4
54	Fruit-set and recruitment in populations of <i>Cypripedium calceolus</i> L. in Estonia. <i>Botanical Journal of the Linnean Society</i> , 1998, 126, 27-38.	0.8	3

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55	Ecology and population dynamics of terrestrial orchids: An introduction. <i>Folia Geobotanica</i> , 2006, 41, 1-2.	0.4	3
56	Generality, specificity and diversity of clonal plant research. <i>Evolutionary Ecology</i> , 2008, 22, 273-277.	0.5	3
57	Reduced light availability and increased competition diminish the reproductive success of wet forest sedge <i>Carex loliacea</i> L.. <i>Plant Species Biology</i> , 2011, 26, 84-92.	0.6	3
58	Artificial crossing and pollen tracking reveal new evidence of hybridization between sympatric <i>Platanthera</i> species. <i>Plant Systematics and Evolution</i> , 2021, 307, 1.	0.3	3
59	Change in Species Composition during 55 Years: A Re-Sampling Study of Species-Rich Meadows in Estonia. <i>Annales Botanici Fennici</i> , 2015, 52, 419-431.	0.0	2
60	Vegetative dormancy in orchids incurs absolute and relative demographic costs in large but not in small plants. <i>Botanical Journal of the Linnean Society</i> , 0, , .	0.8	2
61	Weak population spatial genetic structure and low infraspecific specificity for fungal partners in the rare mycoheterotrophic orchid <i>Epipogium aphyllum</i> . <i>Journal of Plant Research</i> , 2022, 135, 275.	1.2	2
62	Temporal cycles and spatial asynchrony in the reproduction and growth of a rare nectarless orchid, <i>Cypripedium calceolus</i> . <i>Botanical Journal of the Linnean Society</i> , 2018, 188, 438-440.	0.8	1
63	Agricultural Bioenergy Production. <i>Sustainable Agriculture Reviews</i> , 2015, , 77-106.	0.6	0