

Lena Gustafsson

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

85
papers

5,035
citations

34
h-index

70
g-index

90
ext. papers

5,593
ext. citations

4.4
avg, IF

5.54
L-index

#	Paper	IF	Citations
85	Higher levels of multiple ecosystem services are found in forests with more tree species. <i>Nature Communications</i> , 2013 , 4, 1340	17.4	776
84	Retention Forestry to Maintain Multifunctional Forests: A World Perspective. <i>BioScience</i> , 2012 , 62, 633-645	6.7	540
83	Threatened Plant, Animal, and Fungus Species in Swedish Forests: Distribution and Habitat Associations. <i>Conservation Biology</i> , 1994 , 8, 718-731	6	474
82	A major shift to the retention approach for forestry can help resolve some global forest sustainability issues. <i>Conservation Letters</i> , 2012 , 5, 421-431	6.9	274
81	Can retention forestry help conserve biodiversity? A meta-analysis. <i>Journal of Applied Ecology</i> , 2014 , 51, 1669-1679	5.8	243
80	Biodiversity and ecosystem services in forest ecosystems: a research agenda for applied forest ecology. <i>Journal of Applied Ecology</i> , 2017 , 54, 12-27	5.8	178
79	Tree retention as a conservation measure in clear-cut forests of northern Europe: a review of ecological consequences. <i>Scandinavian Journal of Forest Research</i> , 2010 , 25, 295-308	1.7	171
78	Does forest continuity matter in conservation? A study of epiphytic lichens and bryophytes in beech forests of southern Sweden. <i>Biological Conservation</i> , 2008 , 141, 655-668	6.2	130
77	Retention of trees at final harvest—evaluation of a conservation technique using epiphytic bryophyte and lichen transplants. <i>Biological Conservation</i> , 1999 , 90, 133-142	6.2	110
76	Factors of Importance for the Epiphytic Vegetation of Aspen <i>Populus tremula</i> with Special Emphasis on Bark Chemistry and Soil Chemistry. <i>Journal of Applied Ecology</i> , 1995 , 32, 412	5.8	99
75	Woodland key habitats in northern Europe: concepts, inventory and protection. <i>Scandinavian Journal of Forest Research</i> , 2010 , 25, 309-324	1.7	95
74	Bryophyte flora and vegetation of managed and virgin coniferous forests in South-West Sweden. <i>Biological Conservation</i> , 1988 , 44, 283-300	6.2	79
73	How climate change adaptation and mitigation strategies can threaten or enhance the biodiversity of production forests: Insights from Sweden. <i>Biological Conservation</i> , 2016 , 194, 11-20	6.2	75
72	Salvage logging in the world's forests: Interactions between natural disturbance and logging need recognition. <i>Global Ecology and Biogeography</i> , 2018 , 27, 1140-1154	6.1	72
71	Threat Levels and Threats to Red-Listed Species in Swedish Forests. <i>Conservation Biology</i> , 1995 , 9, 1629-1633	6.33	71
70	Spatial and temporal scales relevant for conservation of dead-wood associated species: current status and perspectives. <i>Biodiversity and Conservation</i> , 2014 , 23, 513-535	3.4	67
69	Retention patches as potential refugia for bryophytes and lichens in managed forest landscapes. <i>Biological Conservation</i> , 2009 , 142, 1125-1133	6.2	61

68	Effects of forest-fuel harvesting on the amount of deadwood on clear-cuts. <i>Scandinavian Journal of Forest Research</i> , 2005 , 20, 235-242	1.7	58
67	Presence and Abundance of Red-Listed Plant Species in Swedish Forests. <i>Conservation Biology</i> , 2002 , 16, 377-388	6	54
66	Biodiversity conservation in Swedish forests: ways forward for a 30-year-old multi-scaled approach. <i>Ambio</i> , 2010 , 39, 546-54	6.5	53
65	Presence and abundance of four epiphytic bryophytes in relation to density of aspen (<i>Populus tremula</i>) and other stand characteristics. <i>Forest Ecology and Management</i> , 1998 , 107, 147-158	3.9	52
64	Retention as an integrated biodiversity conservation approach for continuous-cover forestry in Europe. <i>Ambio</i> , 2020 , 49, 85-97	6.5	51
63	Salvage logging effects on regulating and supporting ecosystem services – a systematic map. <i>Canadian Journal of Forest Research</i> , 2018 , 48, 983-1000	1.9	48
62	Evaluation of Swedish woodland key habitats using red-listed bryophytes and lichens. <i>Biodiversity and Conservation</i> , 1999 , 8, 1101-1114	3.4	45
61	Red-listed species and indicators. <i>Biological Conservation</i> , 2000 , 92, 35-43	6.2	43
60	Factors of Importance to Some Lichen Species of Deciduous Broad-Leaved Woods in Southern Sweden. <i>Lichenologist</i> , 1992 , 24, 255-266	1.1	43
59	Retaining trees for conservation at clearcutting has increased structural diversity in young Swedish production forests. <i>Forest Ecology and Management</i> , 2013 , 304, 312-321	3.9	42
58	Hotspots in cold climate: Conservation value of woodland key habitats in boreal forests. <i>Biological Conservation</i> , 2011 , 144, 2061-2067	6.2	39
57	High occurrence of red-listed bryophytes and lichens in mature managed forests in boreal Sweden. <i>Basic and Applied Ecology</i> , 2004 , 5, 123-129	3.2	39
56	Keeping pace with forestry: Multi-scale conservation in a changing production forest matrix. <i>Ambio</i> , 2020 , 49, 1050-1064	6.5	37
55	Retention forestry in Sweden: driving forces, debate and implementation 1968–2003. <i>Scandinavian Journal of Forest Research</i> , 2015 , 30, 154-173	1.7	36
54	Biological legacies buffer local species extinction after logging. <i>Journal of Applied Ecology</i> , 2014 , 51, 53-62	5.8	36
53	Effects on ground vegetation of the application of wood ash to a Swedish Scots pine stand. <i>Basic and Applied Ecology</i> , 2001 , 2, 233-241	3.2	36
52	Forests regenerating after clear-cutting function as habitat for bryophyte and lichen species of conservation concern. <i>PLoS ONE</i> , 2011 , 6, e18639	3.7	35
51	Conservation goals and the relative importance of costs and benefits in reserve selection. <i>Conservation Biology</i> , 2008 , 22, 1331-9	6	33

50	A cross-continental comparison of plant and beetle responses to retention of forest patches during timber harvest. <i>Ecological Applications</i> , 2016 , 26, 2493-2504	4.9	32
49	Biodiversity Conservation in Southeast Asian Timber Concessions: a Critical Evaluation of Policy Mechanisms and Guidelines. <i>Ecology and Society</i> , 2008 , 13,	4.1	32
48	Semi-natural deciduous broadleaved woods in southern Sweden Habitat factors of importance to some bryophyte species. <i>Biological Conservation</i> , 1992 , 59, 175-181	6.2	32
47	Plant conservation aspects of energy forestry A new type of land use in Sweden. <i>Forest Ecology and Management</i> , 1987 , 21, 141-161	3.9	32
46	Rapid ecological response and intensified knowledge accumulation following a north European mega-fire. <i>Scandinavian Journal of Forest Research</i> , 2019 , 34, 234-253	1.7	30
45	Bryophytes and lichens in different types of forest set-asides in boreal Sweden. <i>Forest Ecology and Management</i> , 2007 , 242, 374-390	3.9	30
44	Uncommon bryophytes in Swedish forests Key habitats and production forests compared. <i>Forest Ecology and Management</i> , 2004 , 194, 11-22	3.9	30
43	A comparison of biological characteristics and distribution between Swedish threatened and non-threatened forest vascular plants. <i>Ecography</i> , 1994 , 17, 39-49	6.5	29
42	Low genetic variation in Swedish populations of the rare species <i>Vicia pisiformis</i> (Fabaceae) revealed with rflp (rDNA) and RAPD. <i>Plant Systematics and Evolution</i> , 1994 , 189, 133-148	1.3	26
41	Half a century of multiple anthropogenic stressors has altered northern forest understory plant communities. <i>Ecological Applications</i> , 2019 , 29, e01874	4.9	26
40	Lichen species richness on retained aspens increases with time since clear-cutting. <i>Forest Ecology and Management</i> , 2013 , 293, 49-56	3.9	25
39	Red-listed and indicator lichens in woodland key habitats and production forests in Sweden. <i>Canadian Journal of Forest Research</i> , 2001 , 31, 1617-1628	1.9	25
38	Salvage logging effects on regulating ecosystem services and fuel loads. <i>Frontiers in Ecology and the Environment</i> , 2020 , 18, 391-400	5.5	24
37	Life history traits predict the response to increased light among 33 tropical rainforest tree species. <i>Forest Ecology and Management</i> , 2016 , 362, 20-28	3.9	24
36	Landscape properties affect biodiversity response to retention approaches in forestry. <i>Journal of Applied Ecology</i> , 2017 , 54, 1627-1637	5.8	21
35	Functional redundancy of multiple forest taxa along an elevational gradient: predicting the consequences of non-random species loss. <i>Journal of Biogeography</i> , 2015 , 42, 1383-1396	4.1	21
34	Cost-effectiveness of conservation strategies implemented in boreal forests: The area selection process. <i>Biological Conservation</i> , 2009 , 142, 614-624	6.2	21
33	Research on retention forestry in Northern Europe. <i>Ecological Processes</i> , 2020 , 9,	3.6	21

32	Survival and vitality of a macrolichen 14 years after transplantation on aspen trees retained at clearcutting. <i>Forest Ecology and Management</i> , 2013 , 291, 436-441	3.9	20
31	Cost-effective age structure and geographical distribution of boreal forest reserves. <i>Journal of Applied Ecology</i> , 2011 , 48, 133-142	5.8	20
30	Nesting of solitary wasps and bees in natural and artificial holes in dead wood in young boreal forest stands. <i>Insect Conservation and Diversity</i> , 2015 , 8, 493-504	3.8	19
29	Introducing Intensively Managed Spruce Plantations in Swedish Forest Landscapes will Impair Biodiversity Decline. <i>Forests</i> , 2011 , 2, 610-630	2.8	17
28	Does post-disturbance salvage logging affect the provision of ecosystem services? A systematic review protocol. <i>Environmental Evidence</i> , 2015 , 4,	3.3	16
27	Natural Versus National Boundaries: the Importance of Considering Biogeographical Patterns in Forest Conservation Policy. <i>Conservation Letters</i> , 2015 , 8, 50-57	6.9	15
26	Economic development, institutions, and biodiversity loss at the global scale. <i>Regional Environmental Change</i> , 2016 , 16, 445-457	4.3	14
25	The value of information in conservation planning: Selecting retention trees for lichen conservation. <i>Forest Ecology and Management</i> , 2014 , 318, 175-182	3.9	12
24	Co-variation of lichens, bryophytes, saproxylic beetles and dead wood in Swedish boreal forests. <i>Systematics and Biodiversity</i> , 2010 , 8, 247-256	1.7	12
23	Conservation values of certified-driven voluntary forest set-asides. <i>Forest Ecology and Management</i> , 2016 , 375, 249-258	3.9	12
22	Fine-scale conservation planning outside of reserves: Cost-effective selection of retention patches at final harvest. <i>Ecological Economics</i> , 2011 , 70, 771-777	5.6	11
21	RAPD and morphological analysis of the rare plant species <i>Vicia pisiformis</i> (Fabaceae). <i>Biological Journal of the Linnean Society</i> , 1997 , 61, 325-343	1.9	11
20	Tree retention practices in boreal forests: what kind of future landscapes are we creating?. <i>Scandinavian Journal of Forest Research</i> , 2015 , 30, 526-537	1.7	10
19	Fewer butterflies and a different composition of bees, wasps and hoverflies on recently burned compared to unburned clear-cuts, regardless of burn severity. <i>Forest Ecology and Management</i> , 2020 , 463, 118033	3.9	7
18	Considering Future Potential Regarding Structural Diversity in Selection of Forest Reserves. <i>PLoS ONE</i> , 2016 , 11, e0148960	3.7	7
17	Tree Species Composition Predicts Epiphytic Lichen Communities in an African Montane Rain Forest. <i>Biotropica</i> , 2015 , 47, 542-549	2.3	6
16	Biodiversity value of potential forest fertilisation stands, as assessed by red-listed and β diversity of bryophytes and lichens. <i>Silva Fennica</i> , 2005 , 39,	1.9	6
15	Environmental policies to cope with novel disturbance regimes—steps to address a world scientists' warning to humanity. <i>Environmental Research Letters</i> , 2021 , 16, 021003	6.2	6

14	Vegetation succession during the establishment of an energy forest on a sphagnum peat bog in east-central Sweden. <i>Scandinavian Journal of Forest Research</i> , 1988 , 3, 371-385	1.7	5
13	Uncommon vascular plant species in an East-Central Swedish forest area-a comparison between young and old stands. <i>Nordic Journal of Botany</i> , 2000 , 20, 51-60	1.1	4
12	Resilience impacts of a secondary disturbance: Meta-analysis of salvage logging effects on tree regeneration. <i>Journal of Ecology</i> , 2021 , 109, 3224-3232	6	4
11	Weak response of bryophyte assemblages to second commercial thinning in boreal spruce forest of south-central Sweden. <i>Scandinavian Journal of Forest Research</i> , 2016 , 31, 19-28	1.7	2
10	How reserve selection is affected by preferences in Swedish boreal forests. <i>Forest Policy and Economics</i> , 2014 , 41, 40-50	3.6	2
9	Does the amount of trees retained at clearfelling of temperate and boreal forests influence biodiversity response?. <i>Environmental Evidence</i> , 2012 , 1, 5	3.3	2
8	RAPD and morphological analysis of the rare plant species <i>Vicia pisiformis</i> (Fabaceae). <i>Biological Journal of the Linnean Society</i> , 1997 , 61, 325-343	1.9	2
7	Tree traits and canopy closure data from an experiment with 34 planted species native to Sabah, Borneo. <i>Data in Brief</i> , 2016 , 6, 466-70	1.2	2
6	Epiphytic lichen responses to environmental change due to clear-cutting differ among tree taxa. <i>Journal of Vegetation Science</i> , 2018 , 29, 1065-1074	3.1	2
5	Interactions between local and global drivers determine long-term trends in boreal forest understorey vegetation. <i>Global Ecology and Biogeography</i> , 2021 , 30, 1765-1780	6.1	2
4	Burn severity and soil chemistry are weak drivers of early vegetation succession following a boreal mega-fire in a production forest landscape. <i>Journal of Vegetation Science</i> , 2021 , 32, e12966	3.1	1
3	Disturbance interval modulates the starting point for vegetation succession. <i>Ecology</i> , 2021 , 102, e034394.6	4.6	1
2	What does FSC forest certification contribute to biodiversity conservation in relation to national legislation?. <i>Journal of Environmental Management</i> , 2021 , 299, 113606	7.9	1
1	The effectiveness of area protection to capture coastal bird richness and occurrence in the Swedish archipelago. <i>Global Ecology and Conservation</i> , 2019 , 17, e00528	2.8	0