

F Stuart Chapin Iii

List of Publications by Year in descending order

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Version: 2024-02-01

407
papers

110,782
citations

419

132
h-index

186

318
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417
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417
docs citations

417
times ranked

69358
citing authors

#	ARTICLE	IF	CITATIONS
1	Management Foundations for Navigating Ecological Transformation by Resisting, Accepting, or Directing Social-Driven Ecological Change. <i>BioScience</i> , 2022, 72, 30-44.	4.9	25
2	Reconciling well-being and resilience for sustainable development. <i>Nature Sustainability</i> , 2022, 5, 287-293.	23.7	47
3	Earth stewardship: Shaping a sustainable future through interacting policy and norm shifts. <i>Ambio</i> , 2022, 51, 1907-1920.	5.5	23
4	Our future in the Anthropocene biosphere. <i>Ambio</i> , 2021, 50, 834-869.	5.5	275
5	WTO must ban harmful fisheries subsidies. <i>Science</i> , 2021, 374, 544-544.	12.6	45
6	TRY plant trait database - enhanced coverage and open access. <i>Global Change Biology</i> , 2020, 26, 119-188.	9.5	1,038
7	Urbanization, Migration, and Adaptation to Climate Change. <i>One Earth</i> , 2020, 3, 396-399.	6.8	42
8	Interactions between changing climate and biodiversity: Shaping humanity's future. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 6295-6296.	7.1	46
9	Social dimensions of fertility behavior and consumption patterns in the Anthropocene. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 6300-6307.	7.1	33
10	Limited overall impacts of ectomycorrhizal inoculation on recruitment of boreal trees into Arctic tundra following wildfire belie species-specific responses. <i>PLoS ONE</i> , 2020, 15, e0235932.	2.5	4
11	Long-term warming research in high-latitude ecosystems: Responses from polar ecosystems and implications for future climate. , 2019, , 441-487.		2
12	Plant diversity enhances productivity and soil carbon storage. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 4027-4032.	7.1	368
13	Climate change, human impacts, and carbon sequestration in China. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 4015-4020.	7.1	419
14	Going beyond "it depends": the role of context in shaping participation in natural resource management. <i>Ecology and Society</i> , 2018, 23, .	2.3	31
15	Plant functional trait change across a warming tundra biome. <i>Nature</i> , 2018, 562, 57-62.	27.8	451
16	The potential for mycobiont sharing between shrubs and seedlings to facilitate tree establishment after wildfire at Alaska arctic treeline. <i>Molecular Ecology</i> , 2017, 26, 3826-3838.	3.9	32
17	Ecological Foundations of Landscape Stewardship. , 2017, , 21-34.		2
18	Now is the time for translational ecology. <i>Frontiers in Ecology and the Environment</i> , 2017, 15, 539-539.	4.0	19

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19	Modeling and mapping forest diversity in the boreal forest of interior Alaska. <i>Landscape Ecology</i> , 2017, 32, 397-413.	4.2	17
20	Large CO ₂ effluxes at night and during synoptic weather events significantly contribute to CO ₂ emissions from a reservoir. <i>Environmental Research Letters</i> , 2016, 11, 064001.	5.2	66
21	Protected areas and their surrounding territory: socioecological systems in the context of ecological solidarity. <i>Ecological Applications</i> , 2016, 26, 5-16.	3.8	67
22	Community-empowered adaptation for self-reliance. <i>Current Opinion in Environmental Sustainability</i> , 2016, 19, 67-75.	6.3	22
23	Socio-Environmental Systems (SES) Research: what have we learned and how can we use this information in future research programs. <i>Current Opinion in Environmental Sustainability</i> , 2016, 19, 160-168.	6.3	89
24	Social norms as solutions. <i>Science</i> , 2016, 354, 42-43.	12.6	476
25	Arctic communities perceive climate impacts on access as a critical challenge to availability of subsistence resources. <i>Climatic Change</i> , 2016, 139, 413-427.	3.6	68
26	Absence of net long-term successional facilitation by alder in a boreal Alaska floodplain. <i>Ecology</i> , 2016, 97, 2986-2997.	3.2	47
27	Arctic sustainability research: toward a new agenda. <i>Polar Geography</i> , 2016, 39, 165-178.	1.9	30
28	Ecological Knowledge Among Communities, Managers and Scientists: Bridging Divergent Perspectives to Improve Forest Management Outcomes. <i>Environmental Management</i> , 2016, 57, 798-813.	2.7	21
29	Getting to the root of the matter: landscape implications of plant-fungal interactions for tree migration in Alaska. <i>Landscape Ecology</i> , 2016, 31, 895-911.	4.2	13
30	Fire-severity effects on plant-fungal interactions after a novel tundra wildfire disturbance: implications for arctic shrub and tree migration. <i>BMC Ecology</i> , 2016, 16, 25.	3.0	26
31	Biomass offsets little or none of permafrost carbon release from soils, streams, and wildfire: an expert assessment. <i>Environmental Research Letters</i> , 2016, 11, 034014.	5.2	199
32	Forest-landscape structure mediates effects of a spruce bark beetle (<i>Dendroctonus rufipennis</i>) outbreak on subsequent likelihood of burning in Alaskan boreal forest. <i>Forest Ecology and Management</i> , 2016, 369, 38-46.	3.2	23
33	Vegetation succession in deglaciated landscapes: implications for sediment and landscape stability. <i>Earth Surface Processes and Landforms</i> , 2015, 40, 1088-1100.	2.5	45
34	Detecting, estimating, and correcting for biases in harvest data. <i>Journal of Wildlife Management</i> , 2015, 79, 1152-1162.	1.8	10
35	Future changes in the supply of goods and services from natural ecosystems: prospects for the European north. <i>Ecology and Society</i> , 2015, 20, .	2.3	19
36	A Changing Number of Alternative States in the Boreal Biome: Reproducibility Risks of Replacing Remote Sensing Products. <i>PLoS ONE</i> , 2015, 10, e0143014.	2.5	13

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37	Ecosystem stewardship: A resilience framework for arctic conservation. <i>Global Environmental Change</i> , 2015, 34, 207-217.	7.8	58
38	Sense of place: A process for identifying and negotiating potentially contested visions of sustainability. <i>Environmental Science and Policy</i> , 2015, 53, 38-46.	4.9	130
39	Ranch Owner Perceptions and Planned Actions in Response to a Proposed Endangered Species Act Listing. <i>Rangeland Ecology and Management</i> , 2015, 68, 453-460.	2.3	11
40	Earth Stewardship: An Initiative by the Ecological Society of America to Foster Engagement to Sustain Planet Earth. <i>Ecology and Ethics</i> , 2015, , 173-194.	1.0	14
41	Relationship of Community Characteristics to Harvest Reporting: Comparative Study of Household Surveys and Harvest Tickets in Alaska. <i>Human Dimensions of Wildlife</i> , 2014, 19, 334-346.	1.8	9
42	Parks, people, and change: the importance of multistakeholder engagement in adaptation planning for conserved areas. <i>Ecology and Society</i> , 2014, 19, .	2.3	23
43	Robustness or resilience? Managing the intersection of ecology and engineering in an urban Alaskan fishery. <i>Ecology and Society</i> , 2014, 19, .	2.3	4
44	Nutrient availability as the key regulator of global forest carbon balance. <i>Nature Climate Change</i> , 2014, 4, 471-476.	18.8	383
45	Can antibrowsing defense regulate the spread of woody vegetation in arctic tundra?. <i>Ecography</i> , 2014, 37, 204-211.	4.5	32
46	Managing the whole landscape: historical, hybrid, and novel ecosystems. <i>Frontiers in Ecology and the Environment</i> , 2014, 12, 557-564.	4.0	378
47	Shifts and disruptions in resource-use trait syndromes during the evolution of herbaceous crops. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014, 281, 20141429.	2.6	73
48	Approaches to defining a planetary boundary for biodiversity. <i>Global Environmental Change</i> , 2014, 28, 289-297.	7.8	236
49	Policy Language in Restoration Ecology. <i>Restoration Ecology</i> , 2014, 22, 1-4.	2.9	15
50	Climate engineering reconsidered. <i>Nature Climate Change</i> , 2014, 4, 527-529.	18.8	63
51	The role of data assimilation in predictive ecology. <i>Ecosphere</i> , 2014, 5, 1-16.	2.2	65
52	A comprehensive review of climate adaptation in the United States: more than before, but less than needed. <i>Mitigation and Adaptation Strategies for Global Change</i> , 2013, 18, 361-406.	2.1	334
53	Expert assessment of vulnerability of permafrost carbon to climate change. <i>Climatic Change</i> , 2013, 119, 359-374.	3.6	257
54	Resilience of Arctic mycorrhizal fungal communities after wildfire facilitated by resprouting shrubs. <i>Ecoscience</i> , 2013, 20, 296-310.	1.4	32

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55	The impacts of climate change on ecosystem structure and function. <i>Frontiers in Ecology and the Environment</i> , 2013, 11, 474-482.	4.0	433
56	Temperature and vegetation seasonality diminishment over northern lands. <i>Nature Climate Change</i> , 2013, 3, 581-586.	18.8	485
57	Case Study: Novel Socio-ecological Systems in the North: Potential Pathways Toward Ecological and Societal Resilience. , 2013, , 334-344.		6
58	Fire Severity Filters Regeneration Traits to Shape Community Assembly in Alaska's Boreal Forest. <i>PLoS ONE</i> , 2013, 8, e56033.	2.5	95
59	Resilience, experimentation, and scale mismatches in social-ecological landscapes. <i>Landscape Ecology</i> , 2013, 28, 1139-1150.	4.2	197
60	Indigenous frameworks for observing and responding to climate change in Alaska. <i>Climatic Change</i> , 2013, 120, 557-567.	3.6	108
61	Adaptive governance and institutional strategies for climate-induced community relocations in Alaska. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 9320-9325.	7.1	179
62	Using DNA to test the utility of pellet-group counts as an index of deer counts. <i>Wildlife Society Bulletin</i> , 2013, 37, 444-450.	1.6	7
63	Meeting Indigenous Subsistence Needs: The Case for Prey Switching in Rural Alaska. <i>Human Dimensions of Wildlife</i> , 2013, 18, 109-123.	1.8	9
64	Climate-change impacts on ecological systems: introduction to a US assessment. <i>Frontiers in Ecology and the Environment</i> , 2013, 11, 456-464.	4.0	44
65	Invitation to Earth Stewardship. <i>Frontiers in Ecology and the Environment</i> , 2013, 11, 339-339.	4.0	19
66	Indigenous frameworks for observing and responding to climate change in Alaska. , 2013, , 49-59.		19
67	Traditional Knowledge and Wisdom: A Guide for Understanding and Shaping Alaskan Social-Ecological Change. , 2013, , 49-62.		6
68	Proactive ecology for the Anthropocene. <i>Elementa</i> , 2013, 1, .	3.2	7
69	Changing Daily Wind Speeds on Alaska's North Slope: Implications for Rural Hunting Opportunities. <i>Arctic</i> , 2013, 66, .	0.4	13
70	Planetary Opportunities: A Social Contract for Global Change Science to Contribute to a Sustainable Future. <i>BioScience</i> , 2012, 62, 603-606.	4.9	169
71	Thresholds for boreal biome transitions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 21384-21389.	7.1	286
72	Science and Society: The Role of Long-Term Studies in Environmental Stewardship. <i>BioScience</i> , 2012, 62, 354-366.	4.9	42

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73	Response to "Ecosystem Services: Free Lunch No More. Science, 2012, 335, 656-657.	12.6	11
74	An index to assess the health and benefits of the global ocean. Nature, 2012, 488, 615-620.	27.8	736
75	Sinks for nitrogen inputs in terrestrial ecosystems: a meta-analysis of ¹⁵ N tracer field studies. Ecology, 2012, 93, 1816-1829.	3.2	192
76	Plant toxins and trophic cascades alter fire regime and succession on a boreal forest landscape. Ecological Modelling, 2012, 244, 79-92.	2.5	34
77	Design principles for social-ecological transformation toward sustainability: lessons from New Zealand sense of place. Ecosphere, 2012, 3, 1-22.	2.2	31
78	A Case for Developing Place-Based Fire Management Strategies from Traditional Ecological Knowledge. Ecology and Society, 2012, 17, .	2.3	31
79	Fertile forests produce biomass more efficiently. Ecology Letters, 2012, 15, 520-526.	6.4	273
80	The Ecosystem Concept. , 2011, , 3-22.		17
81	Principles of Terrestrial Ecosystem Ecology. , 2011, , .		860
82	Water and Energy Balance. , 2011, , 93-122.		1
83	Earth's Climate System. , 2011, , 23-62.		6
84	Effects of species and tree size diversity on recruitment in the Alaskan boreal forest: A geospatial approach. Forest Ecology and Management, 2011, 262, 1608-1617.	3.2	21
85	Coupled biogeochemical cycles and Earth stewardship. Frontiers in Ecology and the Environment, 2011, 9, 3-3.	4.0	14
86	Paying for Ecosystem Services "Promise and Peril. Science, 2011, 334, 603-604.	12.6	310
87	Cross-system comparisons elucidate disturbance complexities and generalities. Ecosphere, 2011, 2, art81.	2.2	107
88	Earth Stewardship: science for action to sustain the human-earth system. Ecosphere, 2011, 2, art89.	2.2	154
89	Evidence and implications of recent and projected climate change in Alaska's forest ecosystems. Ecosphere, 2011, 2, art124.	2.2	87
90	TRY " a global database of plant traits. Global Change Biology, 2011, 17, 2905-2935.	9.5	2,002

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91	Linkages between large-scale climate patterns and the dynamics of Arctic caribou populations. <i>Ecography</i> , 2011, 34, 345-352.	4.5	58
92	Fire severity mediates climate-driven shifts in understory community composition of black spruce stands of interior Alaska. <i>Journal of Vegetation Science</i> , 2011, 22, 32-44.	2.2	47
93	Estimating abundance of Sitka black-tailed deer using DNA from fecal pellets. <i>Journal of Wildlife Management</i> , 2011, 75, 232-242.	1.8	56
94	Earth stewardship: a strategy for social-ecological transformation to reverse planetary degradation. <i>Journal of Environmental Studies and Sciences</i> , 2011, 1, 44-53.	2.0	84
95	Reconnecting to the Biosphere. <i>Ambio</i> , 2011, 40, 719-38.	5.5	420
96	Business strategies and the transition to low-carbon cities. <i>Business Strategy and the Environment</i> , 2011, 20, 251-265.	14.3	43
97	Species Effects on Ecosystem Processes. , 2011, , 321-336.		3
98	Decomposition and Ecosystem Carbon Budgets. , 2011, , 183-228.		18
99	A climate-change adaptation framework to reduce continental-scale vulnerability across conservation reserves. <i>Ecosphere</i> , 2011, 2, art112.	2.2	32
100	Trophic Dynamics. , 2011, , 297-320.		2
101	This Must Be the Place: Underrepresentation of Identity and Meaning in Climate Change Decision-Making. <i>Global Environmental Politics</i> , 2011, 11, 1-25.	3.0	361
102	Temporal Dynamics. , 2011, , 339-367.		5
103	Landscape Heterogeneity and Ecosystem Dynamics. , 2011, , 369-397.		14
104	Plant Carbon Budgets. , 2011, , 157-181.		4
105	Plant Nutrient Use. , 2011, , 229-258.		6
106	Managing and Sustaining Ecosystems. , 2011, , 423-447.		0
107	Chapter Thirteen. Disease Effects on Landscape and Regional Systems: a Resilience Framework. , 2010, , 284-303.		0
108	Estimating methane emissions from northern lakes using ice-bubble surveys. <i>Limnology and Oceanography: Methods</i> , 2010, 8, 592-609.	2.0	94

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109	Planetary Stewardship, with an Introduction from the Editor-in-Chief. Bulletin of the Ecological Society of America, 2010, 91, 143-175.	0.2	16
110	Challenges to Adaptation in Northernmost Europe as a Result of Global Climate Change. Ambio, 2010, 39, 81-84.	5.5	10
111	Changes in fire regime break the legacy lock on successional trajectories in Alaskan boreal forest. Global Change Biology, 2010, 16, 1281-1295.	9.5	448
112	Resilience of Alaska's boreal forest to climatic change This article is one of a selection of papers from The Dynamics of Change in Alaska's Boreal Forests: Resilience and Vulnerability in Response to Climate Warming.. Canadian Journal of Forest Research, 2010, 40, 1360-1370.	1.7	125
113	Guiding concepts for park and wilderness stewardship in an era of global environmental change. Frontiers in Ecology and the Environment, 2010, 8, 483-490.	4.0	110
114	Climate Change and the Integrity of Science. Science, 2010, 328, 689-690.	12.6	143
115	Ecosystem stewardship: sustainability strategies for a rapidly changing planet. Trends in Ecology and Evolution, 2010, 25, 241-249.	8.7	744
116	Winter habitat selection by caribou in relation to lichen abundance, wildfires, grazing, and landscape characteristics in northwest Alaska. Ecoscience, 2010, 17, 321-333.	1.4	59
117	The changing effects of Alaska's boreal forests on the climate system This article is one of a selection of papers from The Dynamics of Change in Alaska's Boreal Forests: Resilience and Vulnerability in Response to Climate Warming.. Canadian Journal of Forest Research, 2010, 40, 1336-1346.	1.7	40
118	Fire, climate change, and forest resilience in interior Alaska This article is one of a selection of papers from The Dynamics of Change in Alaska's Boreal Forests: Resilience and Vulnerability in Response to Climate Warming.. Canadian Journal of Forest Research, 2010, 40, 1302-1312.	1.7	306
119	Resilience of Athabaskan subsistence systems to interior Alaska's changing climate This article is one of a selection of papers from The Dynamics of Change in Alaska's Boreal Forests: Resilience and Vulnerability in Response to Climate Warming.. Canadian Journal of Forest Research, 2010, 40, 1347-1359.	1.7	79
120	Planetary stewardship. Frontiers in Ecology and the Environment, 2009, 7, 399-399.	4.0	28
121	Plant Toxicity, Adaptive Herbivory, and Plant Community Dynamics. Ecosystems, 2009, 12, 534-547.	3.4	47
122	The changing global carbon cycle: linking plant-soil carbon dynamics to global consequences. Journal of Ecology, 2009, 97, 840-850.	4.0	262
123	Mycorrhizal community resilience in response to experimental plant functional type removals in a woody ecosystem. Journal of Ecology, 2009, 97, 1291-1301.	4.0	46
124	A safe operating space for humanity. Nature, 2009, 461, 472-475.	27.8	8,638
125	Vulnerability and adaptation to climate-related fire impacts in rural and urban interior Alaska. Polar Research, 2009, 28, 100-118.	1.6	48
126	Conservation, Community, and Livelihoods: Sustaining, Renewing, and Adapting Cultural Connections to the Land. , 2009, , 129-147.		17

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127	Projected changes in atmospheric heating due to changes in fire disturbance and the snow season in the western Arctic, 2003–2100. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	45
128	Optical properties of boreal region biomass burning aerosols in central Alaska and seasonal variation of aerosol optical depth at an Arctic coastal site. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	123
129	Carbon storage in permafrost and soils of the mammoth tundra–steppe biome: Role in the global carbon budget. <i>Geophysical Research Letters</i> , 2009, 36, .	4.0	80
130	Accelerate Synthesis in Ecology and Environmental Sciences. <i>BioScience</i> , 2009, 59, 699-701.	4.9	132
131	Changes in vegetation in northern Alaska under scenarios of climate change, 2003–2100: implications for climate feedbacks. <i>Ecological Applications</i> , 2009, 19, 1022-1043.	3.8	185
132	A Framework for Understanding Change. , 2009, , 3-28.		102
133	Resilience-Based Stewardship: Strategies for Navigating Sustainable Pathways in a Changing World. , 2009, , 319-337.		24
134	Managing Ecosystems Sustainably: The Key Role of Resilience. , 2009, , 29-53.		27
135	Transformations in Ecosystem Stewardship. , 2009, , 103-125.		35
136	Drylands: Coping with Uncertainty, Thresholds, and Changes in State. , 2009, , 171-195.		21
137	Forest Systems: Living with Long-Term Change. , 2009, , 149-170.		25
138	Boreal Fire Effects on Subsistence Resources in Alaska and Adjacent Canada. <i>Ecosystems</i> , 2008, 11, 156-171.	3.4	47
139	Recovery of Aboveground Plant Biomass and Productivity After Fire in Mesic and Dry Black Spruce Forests of Interior Alaska. <i>Ecosystems</i> , 2008, 11, 209-225.	3.4	120
140	The Services-Oriented Architecture: Ecosystem Services as a Framework for Diagnosing Change in Social Ecological Systems. <i>Ecosystems</i> , 2008, 11, 478-489.	3.4	19
141	Plant Community Composition as a Predictor of Regional Soil Carbon Storage in Alaskan Boreal Black Spruce Ecosystems. <i>Ecosystems</i> , 2008, 11, 629.	3.4	41
142	Ecosystem Services and Emergent Vulnerability in Managed Ecosystems: A Geospatial Decision-Support Tool. <i>Ecosystems</i> , 2008, 11, 923-938.	3.4	62
143	Methane production and bubble emissions from arctic lakes: Isotopic implications for source pathways and ages. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	170
144	The Potential Use of Synthetic Aperture Radar for Estimating Methane Ebullition From Arctic Lakes. <i>Journal of the American Water Resources Association</i> , 2008, 44, 305-315.	2.4	32

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145	Scaling environmental change through the community-level: a trait-based response and effect framework for plants. <i>Global Change Biology</i> , 2008, 14, 1125-1140.	9.5	981
146	Plant functional types do not predict biomass responses to removal and fertilization in Alaskan tussock tundra. <i>Journal of Ecology</i> , 2008, 96, 713-726.	4.0	93
147	Mineral Nutrition. , 2008, , 255-320.		27
148	Introduction—History, Assumptions, and Approaches. , 2008, , 1-9.		4
149	Anthropogenic biomes: a key contribution to earth-system science. <i>Trends in Ecology and Evolution</i> , 2008, 23, 529-531.	8.7	46
150	Increasing Wildfire in Alaska's Boreal Forest: Pathways to Potential Solutions of a Wicked Problem. <i>BioScience</i> , 2008, 58, 531-540.	4.9	170
151	Human Influences on Wildfire in Alaska from 1988 through 2005: An Analysis of the Spatial Patterns of Human Impacts. <i>Earth Interactions</i> , 2008, 12, 1-17.	1.5	60
152	Changing feedbacks in the climate–biosphere system. <i>Frontiers in Ecology and the Environment</i> , 2008, 6, 313-320.	4.0	247
153	WHITE SPRUCE MEETS BLACK SPRUCE: DISPERSAL, POSTFIRE ESTABLISHMENT, AND GROWTH IN A WARMING CLIMATE. <i>Ecological Monographs</i> , 2008, 78, 489-505.	5.4	47
154	Epistemological Pluralism: Reorganizing Interdisciplinary Research. <i>Ecology and Society</i> , 2008, 13, .	2.3	324
155	Interactions Among Plants. , 2008, , 505-531.		2
156	Ecosystem and Global Processes: Ecophysiological Controls. , 2008, , 555-571.		3
157	Methane bubbling from northern lakes: present and future contributions to the global methane budget. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2007, 365, 1657-1676.	3.4	294
158	Climate-induced boreal forest change: Predictions versus current observations. <i>Global and Planetary Change</i> , 2007, 56, 274-296.	3.5	619
159	Thermokarst Lakes as a Source of Atmospheric CH ₄ During the Last Deglaciation. <i>Science</i> , 2007, 318, 633-636.	12.6	287
160	Arctic Climate Impacts: Environmental Injustice in Canada and the United States. <i>Local Environment</i> , 2007, 12, 627-643.	2.4	26
161	Managing Climate Change Impacts to Enhance the Resilience and Sustainability of Fennoscandian Forests. <i>Ambio</i> , 2007, 36, 528-533.	5.5	36
162	Interactions and Linkages among Ecosystems during Landscape Evolution. <i>BioScience</i> , 2007, 57, 237-247.	4.9	106

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163	Influence of disturbance on carbon exchange in a permafrost collapse and adjacent burned forest. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	29
164	Factors Contributing to the Cultural and Spatial Variability of Landscape Burning by Native Peoples of Interior Alaska. <i>Ecology and Society</i> , 2007, 12, .	2.3	24
165	Global negative vegetation feedback to climate warming responses of leaf litter decomposition rates in cold biomes. <i>Ecology Letters</i> , 2007, 10, 619-627.	6.4	379
166	Energy feedbacks of northern high-latitude ecosystems to the climate system due to reduced snow cover during 20th century warming. <i>Global Change Biology</i> , 2007, 13, 2425-2438.	9.5	138
167	Plant Biodiversity and Responses to Elevated Carbon Dioxide. <i>Global Change - the IGBP Series</i> , 2007, , 103-112.	2.1	2
168	Directional Changes in Ecological Communities and Social-ecological Systems: A Framework for Prediction Based on Alaskan Examples. <i>American Naturalist</i> , 2006, 168, S36-S49.	2.1	40
169	CLIMATE CHANGE: Permafrost and the Global Carbon Budget. <i>Science</i> , 2006, 312, 1612-1613.	12.6	861
170	Scale-dependent environmental controls over species composition in Alaskan black spruce communities. <i>Canadian Journal of Forest Research</i> , 2006, 36, 1781-1796.	1.7	68
171	The Impact of Boreal Forest Fire on Climate Warming. <i>Science</i> , 2006, 314, 1130-1132.	12.6	765
172	SEASONAL VARIATIONS IN PLANT SPECIES EFFECTS ON SOIL N AND P DYNAMICS. <i>Ecology</i> , 2006, 87, 974-986.	3.2	91
173	The effect of post-fire stand age on the boreal forest energy balance. <i>Agricultural and Forest Meteorology</i> , 2006, 140, 41-50.	4.8	184
174	Biodiversity Loss Threatens Human Well-Being. <i>PLoS Biology</i> , 2006, 4, e277.	5.6	984
175	The Significance of Context in Community-Based Research: Understanding Discussions about Wildfire in Huslia, Alaska. <i>Ecology and Society</i> , 2006, 11, .	2.3	34
176	Methane bubbling from Siberian thaw lakes as a positive feedback to climate warming. <i>Nature</i> , 2006, 443, 71-75.	27.8	890
177	Effects of Soil Burn Severity on Post-Fire Tree Recruitment in Boreal Forest. <i>Ecosystems</i> , 2006, 9, 14-31.	3.4	313
178	Fire Interval Effects on Successional Trajectory in Boreal Forests of Northwest Canada. <i>Ecosystems</i> , 2006, 9, 268-277.	3.4	208
179	Reconciling Carbon-cycle Concepts, Terminology, and Methods. <i>Ecosystems</i> , 2006, 9, 1041-1050.	3.4	904
180	Human Impacts on the Fire Regime of Interior Alaska: Interactions among Fuels, Ignition Sources, and Fire Suppression. <i>Ecosystems</i> , 2006, 9, 1342-1353.	3.4	60

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365	The role of mosses in the phosphorus cycling of an Alaskan black spruce forest. <i>Oecologia</i> , 1987, 74, 310-315.	2.0	100
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