

Thomas T Veblen

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172
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178
ext. papers

12,055
ext. citations

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avg, IF

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L-index

#	Paper	IF	Citations
172	Widespread increase of tree mortality rates in the western United States. <i>Science</i> , 2009 , 323, 521-4	33.3	1240
171	The Interaction of Fire, Fuels, and Climate across Rocky Mountain Forests. <i>BioScience</i> , 2004 , 54, 661	5.7	527
170	Evidence for declining forest resilience to wildfires under climate change. <i>Ecology Letters</i> , 2018 , 21, 243-252		287
169	CLIMATIC AND HUMAN INFLUENCES ON FIRE REGIMES IN PONDEROSA PINE FORESTS IN THE COLORADO FRONT RANGE 2000 , 10, 1178-1195		284
168	Drought induces lagged tree mortality in a subalpine forest in the Rocky Mountains. <i>Oikos</i> , 2007 , 116, 1983-1994	4	219
167	FIRE HISTORY IN NORTHERN PATAGONIA: THE ROLES OF HUMANS AND CLIMATIC VARIATION. <i>Ecological Monographs</i> , 1999 , 69, 47-67	9	196
166	The Response of Subalpine Forests to Spruce Beetle Outbreak in Colorado. <i>Ecology</i> , 1991 , 72, 213-231	4.6	184
165	EFFECTS OF CLIMATIC VARIABILITY ON FACILITATION OF TREE ESTABLISHMENT IN NORTHERN PATAGONIA. <i>Ecology</i> , 2000 , 81, 1914-1924	4.6	180
164	LANDSCAPE INFLUENCES ON OCCURRENCE AND SPREAD OF WILDFIRES IN PATAGONIAN FORESTS AND SHRUBLANDS. <i>Ecology</i> , 2005 , 86, 2705-2715	4.6	170
163	Wildfires and climate change push low-elevation forests across a critical climate threshold for tree regeneration. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 6193-6198	11.5	169
162	MULTIPLE DISTURBANCE INTERACTIONS AND DROUGHT INFLUENCE FIRE SEVERITY IN ROCKY MOUNTAIN SUBALPINE FORESTS. <i>Ecology</i> , 2005 , 86, 3018-3029	4.6	169
161	Climatic influences on fire regimes along a rain forest-to-xeric woodland gradient in northern Patagonia, Argentina. <i>Journal of Biogeography</i> , 1997 , 24, 35-47	4.1	149
160	SPATIOTEMPORAL INFLUENCES OF CLIMATE ON ALTITUDINAL TREELINE IN NORTHERN PATAGONIA. <i>Ecology</i> , 2004 , 85, 1284-1296	4.6	149
159	Spatial and temporal variation in historic fire regimes in subalpine forests across the Colorado Front Range in Rocky Mountain National Park, Colorado, USA. <i>Journal of Biogeography</i> , 2006 , 33, 631-647	4.1	144
158	Inter-hemispheric synchrony of forest fires and the El Niño-Southern Oscillation. <i>Global Ecology and Biogeography</i> , 2001 , 10, 315-326	6.1	132
157	ENSO AND PDO VARIABILITY AFFECT DROUGHT-INDUCED FIRE OCCURRENCE IN ROCKY MOUNTAIN SUBALPINE FORESTS 2005 , 15, 2000-2014		125
156	Effect of prior disturbances on the extent and severity of wildfire in Colorado subalpine forests. <i>Ecology</i> , 2007 , 88, 759-69	4.6	121

155	. <i>Ecology</i> , 2003 , 84, 362-371	4.6	121
154	INFLUENCES OF LARGE-SCALE CLIMATIC VARIABILITY ON EPISODIC TREE MORTALITY IN NORTHERN PATAGONIA. <i>Ecology</i> , 1998 , 79, 2624-2640	4.6	121
153	Structure and tree-fall gap dynamics of old-growth Nothofagus forests in Tierra del Fuego, Argentina. <i>Journal of Vegetation Science</i> , 1993 , 4, 641-654	3.1	119
152	Recent Vegetation Changes along the Forest/Steppe Ecotone of Northern Patagonia. <i>Annals of the American Association of Geographers</i> , 1988 , 78, 93-111		117
151	Examining historical and current mixed-severity fire regimes in ponderosa pine and mixed-conifer forests of western North America. <i>PLoS ONE</i> , 2014 , 9, e87852	3.7	114
150	Spatiotemporal patterns of mountain pine beetle activity in the southern Rocky Mountains. <i>Ecology</i> , 2012 , 93, 2175-85	4.6	113
149	Age and Size Structure of Subalpine Forests in the Colorado Front Range. <i>Bulletin of the Torrey Botanical Club</i> , 1986 , 113, 225		113
148	Drought induces spruce beetle (<i>Dendroctonus rufipennis</i>) outbreaks across northwestern Colorado. <i>Ecology</i> , 2014 , 95, 930-9	4.6	110
147	Treefalls and the Coexistence of Conifers in Subalpine Forests of the Central Rockies. <i>Ecology</i> , 1986 , 67, 644-649	4.6	105
146	Climatic Influences on the Growth of Subalpine Trees in the Colorado Front Range. <i>Ecology</i> , 1994 , 75, 1450-1462	4.6	104
145	Climatic variability and episodic <i>Pinus ponderosa</i> establishment along the forest-grassland ecotones of Colorado. <i>Forest Ecology and Management</i> , 2006 , 228, 98-107	3.9	102
144	Patterns and drivers of recent disturbances across the temperate forest biome. <i>Nature Communications</i> , 2018 , 9, 4355	17.4	102
143	Fire as a fundamental ecological process: Research advances and frontiers. <i>Journal of Ecology</i> , 2020 , 108, 2047-2069	6	98
142	Effects of fire and spruce beetle outbreak legacies on the disturbance regime of a subalpine forest in Colorado. <i>Journal of Biogeography</i> , 2003 , 30, 1445-1456	4.1	97
141	Influences of fire history and topography on the pattern of a severe wind blowdown in a Colorado subalpine forest. <i>Journal of Ecology</i> , 2002 , 90, 806-819	6	90
140	Improving estimates of total tree ages based on increment core samples. <i>Ecoscience</i> , 1997 , 4, 534-542	1.1	87
139	Ecological Impacts of Introduced Animals in Nahuel Huapi National Park, Argentina. <i>Conservation Biology</i> , 1992 , 6, 71-83	6	86
138	Area burned in the western United States is unaffected by recent mountain pine beetle outbreaks. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 4375-80	11.5	85

137	Climate, Environment, and Disturbance History Govern Resilience of Western North American Forests. <i>Frontiers in Ecology and Evolution</i> , 2019 , 7,	3.7	85
136	Fire, fuels and restoration of ponderosa pine-Douglas fir forests in the Rocky Mountains, USA. <i>Journal of Biogeography</i> , 2007 , 34, 251-269	4.1	85
135	Tree regeneration responses in a lowland Nothofagus-dominated forest after bamboo dieback in South-Central Chile. <i>Plant Ecology</i> , 2002 , 161, 59-73	1.7	85
134	Relationships of subalpine forest fires in the Colorado Front Range with interannual and multidecadal-scale climatic variation. <i>Journal of Biogeography</i> , 2006 , 33, 833-842	4.1	82
133	Disturbance and climatic influences on age structure of ponderosa pine at the pine/grassland ecotone, Colorado Front Range. <i>Journal of Biogeography</i> , 1998 , 25, 743-755	4.1	80
132	Facilitation by nurse shrubs of resprouting behavior in a post-fire shrubland in northern Patagonia, Argentina. <i>Journal of Vegetation Science</i> , 1998 , 9, 693-698	3.1	78
131	Regeneration Patterns in Araucaria araucana Forests in Chile. <i>Journal of Biogeography</i> , 1982 , 9, 11	4.1	77
130	Effects of mountain pine beetle on fuels and expected fire behavior in lodgepole pine forests, Colorado, USA. <i>PLoS ONE</i> , 2012 , 7, e30002	3.7	76
129	Compounded disturbances in sub-alpine forests in western Colorado favour future dominance by quaking aspen (<i>Populus tremuloides</i>). <i>Journal of Vegetation Science</i> , 2013 , 24, 168-176	3.1	74
128	THE PERSISTENCE OF QUAKING ASPEN (<i>POPULUS TREMULOIDES</i>) IN THE GRAND MESA AREA, COLORADO 2004 , 14, 1603-1614		74
127	Biogeochemistry of beetle-killed forests: explaining a weak nitrate response. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 1756-60	11.5	73
126	Fire-induced changes in northern Patagonian landscapes 1999 , 14, 1-15		73
125	Fire history of Araucaria-Nothofagus forests in Villarrica National Park, Chile. <i>Journal of Biogeography</i> , 2005 , 32, 1187-1202	4.1	71
124	Moisture availability limits subalpine tree establishment. <i>Ecology</i> , 2018 , 99, 567-575	4.6	70
123	The historical range of variability of fires in the Andean - Patagonian Nothofagus forest region. <i>International Journal of Wildland Fire</i> , 2008 , 17, 724	3.2	69
122	Limited conifer regeneration following wildfires in dry ponderosa pine forests of the Colorado Front Range. <i>Ecosphere</i> , 2016 , 7, e01594	3.1	69
121	Rainfall variability, fire and vegetation dynamics in neotropical montane ecosystems in north-western Argentina. <i>Journal of Biogeography</i> , 2000 , 27, 1107-1121	4.1	68
120	Adapting to global environmental change in Patagonia: What role for disturbance ecology?. <i>Austral Ecology</i> , 2011 , 36, 891-903	1.5	67

119	Positive fire feedbacks contribute to shifts from <i>Nothofagus pumilio</i> forests to fire-prone shrublands in Patagonia. <i>Journal of Vegetation Science</i> , 2015 , 26, 89-101	3.1	65
118	BLOWDOWN HISTORY AND LANDSCAPE PATTERNS IN THE ANDES OF TIERRA DEL FUEGO, ARGENTINA. <i>Ecology</i> , 1997 , 78, 678-692	4.6	65
117	Spruce Beetles and Fires in the Nineteenth-Century Subalpine Forests of Western Colorado, U.S.A.. <i>Arctic and Alpine Research</i> , 1990 , 22, 65		65
116	Influences of fire-vegetation feedbacks and post-fire recovery rates on forest landscape vulnerability to altered fire regimes. <i>Journal of Ecology</i> , 2018 , 106, 1925-1940	6	62
115	Forest development in canopy gaps in old-growth beech (<i>Nothofagus</i>) forests, New Zealand. <i>Journal of Vegetation Science</i> , 1991 , 2, 679-690	3.1	60
114	A DENDROCHRONOLOGICAL METHOD OF STUDYING TREE MORTALITY PATTERNS. <i>Physical Geography</i> , 1994 , 15, 529-542	1.8	59
113	Historical, observed, and modeled wildfire severity in montane forests of the Colorado Front Range. <i>PLoS ONE</i> , 2014 , 9, e106971	3.7	58
112	Post-fire stand development of <i>Austrocedrus-Nothofagus</i> forests in northern Patagonia. <i>Plant Ecology</i> , 1987 , 71, 113-126		57
111	ANTHROPOGENIC DISTURBANCE AND RECOVERY PATTERNS IN MONTANE FORESTS, COLORADO FRONT RANGE. <i>Physical Geography</i> , 1986 , 7, 1-24	1.8	56
110	A field experiment informs expected patterns of conifer regeneration after disturbance under changing climate conditions. <i>Canadian Journal of Forest Research</i> , 2015 , 45, 1607-1616	1.9	54
109	A Spatially-Explicit Reconstruction of Historical Fire Occurrence in the Ponderosa Pine Zone of the Colorado Front Range. <i>Ecosystems</i> , 2007 , 10, 311-323	3.9	54
108	Ecological effects of changes in fire regimes in <i>Pinus ponderosa</i> ecosystems in the Colorado Front Range. <i>Journal of Vegetation Science</i> , 2006 , 17, 705-718	3.1	54
107	Regeneration patterns in southern rata (<i>Metrosideros umbellata</i>) kāmahi (<i>Weinmannia racemosa</i>) forest in central Westland, New Zealand. <i>New Zealand Journal of Botany</i> , 1982 , 20, 55-72	1	54
106	Dendroecological analysis of defoliator outbreaks on <i>Nothofagus pumilio</i> and their relation to climate variability in the Patagonian Andes. <i>Global Change Biology</i> , 2011 , 17, 239-253	11.4	51
105	Synergistic influences of introduced herbivores and fire on vegetation change in northern Patagonia, Argentina. <i>Journal of Vegetation Science</i> , 2011 , 22, 59-71	3.1	50
104	Effect of vegetation on the impact of a severe blowdown in the southern Rocky Mountains, USA. <i>Forest Ecology and Management</i> , 2002 , 168, 63-75	3.9	50
103	The Effects of Introduced Wild Animals on New Zealand Forests. <i>Annals of the American Association of Geographers</i> , 1982 , 72, 372-397		50
102	Effects of high-severity fire drove the population collapse of the subalpine Tasmanian endemic conifer <i>Athrotaxis cupressoides</i> . <i>Global Change Biology</i> , 2015 , 21, 445-58	11.4	48

101	Climatic and human influences on fire history in Pike National Forest, central Colorado. <i>Canadian Journal of Forest Research</i> , 2001 , 31, 1526-1539	1.9	48
100	Variability in the Southern Annular Mode determines wildfire activity in Patagonia. <i>Geophysical Research Letters</i> , 2011 , 38, n/a-n/a	4.9	46
99	NOTHOFAGUS REGENERATION DYNAMICS IN SOUTH-CENTRAL CHILE: A TEST OF A GENERAL MODEL. <i>Ecological Monographs</i> , 2004 , 74, 615-634	9	46
98	Detection of spruce beetle-induced tree mortality using high- and medium-resolution remotely sensed imagery. <i>Remote Sensing of Environment</i> , 2015 , 168, 134-145	13.2	42
97	Permanent forest plots show accelerating tree mortality in subalpine forests of the Colorado Front Range from 1982 to 2013. <i>Forest Ecology and Management</i> , 2015 , 341, 8-17	3.9	41
96	A field experiment on climatic and herbivore impacts on post-fire tree regeneration in north-western Patagonia. <i>Journal of Ecology</i> , 2007 , 95, 771-779	6	41
95	Interactions among spruce beetle disturbance, climate change and forest dynamics captured by a forest landscape model. <i>Ecosphere</i> , 2015 , 6, art231	3.1	40
94	Subalpine forest development following a blowdown in the Mount Zirkel Wilderness, Colorado. <i>Journal of Vegetation Science</i> , 2003 , 14, 653-660	3.1	40
93	Steppe Expansion in Patagonia?. <i>Quaternary Research</i> , 1988 , 30, 331-338	1.9	40
92	Southern Annular Mode drives multicentury wildfire activity in southern South America. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, 9552-9557	11.5	39
91	Tree regeneration responses to <i>Chusquea montana</i> bamboo die-off in a subalpine <i>Nothofagus</i> forest in the southern Andes. <i>Journal of Vegetation Science</i> , 2006 , 17, 19-28	3.1	39
90	Declines in low-elevation subalpine tree populations outpace growth in high-elevation populations with warming. <i>Journal of Ecology</i> , 2017 , 105, 1347-1357	6	38
89	Summer and winter drought drive the initiation and spread of spruce beetle outbreak. <i>Ecology</i> , 2017 , 98, 2698-2707	4.6	38
88	Ecological and climatic controls of modern wildfire activity patterns across southwestern South America. <i>Ecosphere</i> , 2012 , 3, art103	3.1	38
87	Wildfire activity in rainforests in western Patagonia linked to the Southern Annular Mode. <i>International Journal of Wildland Fire</i> , 2012 , 21, 114	3.2	38
86	Subalpine forest damage from a severe windstorm in northern Colorado. <i>Canadian Journal of Forest Research</i> , 2001 , 31, 2089-2097	1.9	38
85	Climate Change Amplifications of Climate-Fire Teleconnections in the Southern Hemisphere. <i>Geophysical Research Letters</i> , 2018 , 45, 5071-5081	4.9	38
84	Stand-replacing fires reduce susceptibility of lodgepole pine to mountain pine beetle outbreaks in Colorado. <i>Journal of Biogeography</i> , 2012 , 39, 2052-2060	4.1	36

83	ENSO EFFECTS ON TEMPERATURE AND PRECIPITATION OF THE PATAGONIAN-ANDEAN REGION: IMPLICATIONS FOR BIOGEOGRAPHY. <i>Physical Geography</i> , 2000 , 21, 223-243	1.8	36
82	Do tree and stand-level attributes determine susceptibility of spruce-fir forests to spruce beetle outbreaks in the early 21st century?. <i>Forest Ecology and Management</i> , 2014 , 318, 44-53	3.9	35
81	Negative feedbacks on bark beetle outbreaks: widespread and severe spruce beetle infestation restricts subsequent infestation. <i>PLoS ONE</i> , 2015 , 10, e0127975	3.7	35
80	The amplifying effects of humans on fire regimes in temperate rainforests in western Patagonia. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2011 , 311, 82-92	2.9	35
79	FIRE HISTORY OF A PONDEROSA PINE/DOUGLAS FIR FOREST IN THE COLORADO FRONT RANGE. <i>Physical Geography</i> , 1992 , 13, 133-148	1.8	34
78	Spatiotemporal fire dynamics in mixed-conifer and aspen forests in the San Juan Mountains of southwestern Colorado, USA. <i>Ecological Monographs</i> , 2015 , 85, 583-603	9	33
77	Influence of fire severity on stand development of <i>Araucaria araucana</i> – <i>Nothofagus pumilio</i> stands in the Andean cordillera of south-central Chile. <i>Austral Ecology</i> , 2010 , 35, 597-615	1.5	33
76	Climatic influences on fire in <i>Araucaria araucana</i> – <i>Nothofagus</i> forests in the Andean cordillera of south-central Chile1 Associate Editor: Konrad J. Gajewski.. <i>Ecoscience</i> , 2006 , 13, 342-350	1.1	33
75	Effects of biological legacies and herbivory on fuels and flammability traits: A long-term experimental study of alternative stable states. <i>Journal of Ecology</i> , 2017 , 105, 1309-1322	6	32
74	Inter-hemispheric comparison of fire history: The Colorado Front Range, U.S.A., and the Northern Patagonian Andes, Argentina. <i>Plant Ecology</i> , 2002 , 163, 187-207	1.7	32
73	Landscape drivers of recent fire activity (2001-2017) in south-central Chile. <i>PLoS ONE</i> , 2018 , 13, e02011957	3.7	31
72	Relationships between climate variability and radial growth of <i>Nothofagus pumilio</i> near altitudinal treeline in the Andes of northern Patagonia, Chile. <i>Forest Ecology and Management</i> , 2015 , 342, 112-121	3.9	31
71	Fire history in high elevation subalpine forests in the Colorado Front Range. <i>Ecoscience</i> , 2001 , 8, 369-380	1.1	31
70	Fire severity unaffected by spruce beetle outbreak in spruce-fir forests in southwestern Colorado. <i>Ecological Applications</i> , 2016 , 26, 700-11	4.9	30
69	Variability in fire - climate relationships in ponderosa pine forests in the Colorado Front Range. <i>International Journal of Wildland Fire</i> , 2008 , 17, 50	3.2	30
68	Is foliar flammability of woody species related to time since fire and herbivory in northwest Patagonia, Argentina?. <i>Journal of Vegetation Science</i> , 2012 , 23, 931-941	3.1	29
67	Is initial post-disturbance regeneration indicative of longer-term trajectories?. <i>Ecosphere</i> , 2017 , 8, e019241	4.1	27
66	Forest and woodland replacement patterns following drought-related mortality. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 29720-29729	11.5	27

65	A changing climate is snuffing out post-fire recovery in montane forests. <i>Global Ecology and Biogeography</i> , 2020 , 29, 2039-2051	6.1	27
64	Past and Present Vulnerability of Closed-Canopy Temperate Forests to Altered Fire Regimes: A Comparison of the Pacific Northwest, New Zealand, and Patagonia. <i>BioScience</i> , 2015 , 65, 151-163	5.7	26
63	Limitations to recovery following wildfire in dry forests of southern Colorado and northern New Mexico, USA. <i>Ecological Applications</i> , 2020 , 30, e02001	4.9	25
62	Positive Feedbacks to Fire-Driven Deforestation Following Human Colonization of the South Island of New Zealand. <i>Ecosystems</i> , 2016 , 19, 1325-1344	3.9	24
61	Are density reduction treatments effective at managing for resistance or resilience to spruce beetle disturbance in the southern Rocky Mountains?. <i>Forest Ecology and Management</i> , 2014 , 334, 53-63	3.9	23
60	Habitat distribution modeling reveals vegetation flammability and land use as drivers of wildfire in SW Patagonia. <i>Ecosphere</i> , 2013 , 4, art53	3.1	23
59	Climate Drives Episodic Conifer Establishment after Fire in Dry Ponderosa Pine Forests of the Colorado Front Range, USA. <i>Forests</i> , 2017 , 8, 159	2.8	22
58	Influences of infrequent fire, elevation and pre-fire vegetation on the persistence of quaking aspen (<i>Populus tremuloides</i> Michx.) in the Flat Tops area, Colorado, USA. <i>Journal of Biogeography</i> , 2006 , 33, 1397-1413	4.1	22
57	Attributes of reliable long-term landscape-scale studies: Malpractice insurance for landscape ecologists. <i>Environmental Monitoring and Assessment</i> , 1995 , 36, 1-25	3.1	21
56	Proximity to grasslands influences fire frequency and sensitivity to climate variability in ponderosa pine forests of the Colorado Front Range. <i>International Journal of Wildland Fire</i> , 2012 , 21, 562	3.2	21
55	Recent fire and cattle herbivory enhance plant-level fuel flammability in shrublands. <i>Journal of Vegetation Science</i> , 2015 , 26, 123-133	3.1	17
54	Seed origin and warming constrain lodgepole pine recruitment, slowing the pace of population range shifts. <i>Global Change Biology</i> , 2018 , 24, 197-211	11.4	17
53	Continent-wide tree fecundity driven by indirect climate effects. <i>Nature Communications</i> , 2021 , 12, 12421	7.4	17
52	Mixed-severity fire history at a forest-grassland ecotone in west central British Columbia, Canada 2017 , 27, 1746-1760		16
51	Fire history in southern Patagonia: human and climate influences on fire activity in <i>Nothofagus pumilio</i> forests. <i>Ecosphere</i> , 2017 , 8, e01932	3.1	16
50	Disturbance detection in landsat time series is influenced by tree mortality agent and severity, not by prior disturbance. <i>Remote Sensing of Environment</i> , 2021 , 254, 112244	13.2	16
49	Understory vegetation indicates historic fire regimes in ponderosa pine-dominated ecosystems in the Colorado Front Range. <i>Journal of Vegetation Science</i> , 2010 , 21, 488-499	3.1	15
48	Changes in litter and dead wood loads following tree death beneath subalpine conifer species in northern Colorado. <i>Canadian Journal of Forest Research</i> , 2011 , 41, 331-340	1.9	15

47	Pilgerodendron uviferum: The southernmost tree-ring fire recorder species. <i>Ecoscience</i> , 2009 , 16, 322-329	1	15
46	FIRE HISTORY IN NORTHERN PATAGONIA: THE ROLES OF HUMANS AND CLIMATIC VARIATION 1999 , 69, 47		15
45	Spatial prediction of caterpillar (Ormiscodes) defoliation in Patagonian Nothofagus forests. <i>Landscape Ecology</i> , 2011 , 26, 791-803	4.3	14
44	Does tree growth sensitivity to warming trends vary according to treeline form?. <i>Journal of Biogeography</i> , 2017 , 44, 1469-1480	4.1	13
43	Wildfire activity and land use drove 20th-century changes in forest cover in the Colorado front range. <i>Ecosphere</i> , 2019 , 10, e02594	3.1	13
42	Radial growth response to climate change along the latitudinal range of the world's southernmost conifer in southern South America. <i>Journal of Biogeography</i> , 2018 , 45, 1140-1152	4.1	13
41	Fire-catalyzed vegetation shifts in ponderosa pine and Douglas-fir forests of the western United States. <i>Environmental Research Letters</i> , 2020 , 15, 1040b8	6.2	13
40	Is there tree senescence? The fecundity evidence. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	13
39	The relative importance of tree and stand properties in susceptibility to spruce beetle outbreak in the mid-20th century. <i>Ecosphere</i> , 2016 , 7, e01485	3.1	12
38	Forest recovery following synchronous outbreaks of spruce and western balsam bark beetle is slowed by ungulate browsing. <i>Ecology</i> , 2020 , 101, e02998	4.6	10
37	Field-Validated Burn-Severity Mapping in North Patagonian Forests. <i>Remote Sensing</i> , 2020 , 12, 214	5	10
36	Dendroecological reconstruction of 1980s mountain pine beetle outbreak in lodgepole pine forests in northwestern Colorado. <i>Ecoscience</i> , 2012 , 19, 113-126	1.1	10
35	Fire Severity Controlled Susceptibility to a 1940s Spruce Beetle Outbreak in Colorado, USA. <i>PLoS ONE</i> , 2016 , 11, e0158138	3.7	10
34	Wilderness in the 21st Century: A Framework for Testing Assumptions about Ecological Intervention in Wilderness Using a Case Study of Fire Ecology in the Rocky Mountains. <i>Journal of Forestry</i> , 2016 , 114, 384-395	1.2	9
33	Are Wildfire Mitigation and Restoration of Historic Forest Structure Compatible? A Spatial Modeling Assessment. <i>Annals of the American Association of Geographers</i> , 2006 , 96, 455-470		9
32	EFFECTS OF CLIMATIC VARIABILITY ON FACILITATION OF TREE ESTABLISHMENT IN NORTHERN PATAGONIA 2000 , 81, 1914		9
31	Increasing rates of subalpine tree mortality linked to warmer and drier summers. <i>Journal of Ecology</i> , 2021 , 109, 2203-2218	6	9
30	Efectos combinados del fuego y el ganado en matorrales y bosques del noroeste patagónico. <i>Ecología Austral</i> , 2015 , 25, 001-010	1.9	8

29	Population collapse and retreat to fire refugia of the Tasmanian endemic conifer <i>Athrotaxis selaginoides</i> following the transition from Aboriginal to European fire management. <i>Global Change Biology</i> , 2020 , 26, 3108-3121	11.4	7
28	Guidelines for including bamboos in tropical ecosystem monitoring. <i>Biotropica</i> , 2020 , 52, 427-443	2.3	7
27	Pre-outbreak forest conditions mediate the effects of spruce beetle outbreaks on fuels in subalpine forests of Colorado. <i>Ecological Applications</i> , 2018 , 28, 457-472	4.9	7
26	Detection of mountain pine beetle-killed ponderosa pine in a heterogeneous landscape using high-resolution aerial imagery. <i>International Journal of Remote Sensing</i> , 2015 , 36, 5353-5372	3.1	7
25	DIVERSITY AND DISTURBANCE IN A COLORADO SUBALPINE FOREST. <i>Physical Geography</i> , 1992 , 13, 240-249	2.8	7
24	Different vital rates of Engelmann spruce and subalpine fir explain discordance in understory and overstory dominance. <i>Canadian Journal of Forest Research</i> , 2018 , 48, 1554-1562	1.9	7
23	Still standing: Recent patterns of post-fire conifer refugia in ponderosa pine-dominated forests of the Colorado Front Range. <i>PLoS ONE</i> , 2020 , 15, e0226926	3.7	6
22	Respuesta inicial de la regeneraci3n arb3rea luego de la floraci3n y muerte de <i>Chusquea culeou</i> (Poaceae) en bosques andinos del centro-sur de Chile. <i>Bosque</i> , 2012 , 33, 9-10	0.8	6
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