

Lawrence R Walker

List of Publications by Year in Descending Order

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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.

112
papers

9,843
citations

46
h-index

99
g-index

129
ext. papers

11,132
ext. citations

4
avg, IF

6.27
L-index

#	Paper	IF	Citations
112	Humans and Succession 2020 , 7-19		
111	Plant Succession and Biomes 2020 , 5-50		
110	Terrestrial Biomes 2020 , 20-50		1
109	Succession by Disturbance Type 2020 , 51-226		
108	Comparative Approach 2020 , 53-59		
107	Volcanoes 2020 , 60-76		
106	Glaciers 2020 , 77-88		
105	Cyclones 2020 , 89-102		
104	Dunes 2020 , 103-119		
103	Landslides 2020 , 120-139		
102	Floods 2020 , 140-158		
101	Clearcuts 2020 , 171-183		
100	Plowed Fields 2020 , 184-201		
99	Mines 2020 , 202-218		
98	Other Disturbances 2020 , 219-226		
97	Conclusions and Future Research Challenges 2020 , 275-284		
96	Literature and Search Phrases Used in Comparative Analyses 2020 , 290-296		

95	Regeneration dynamics of Great Basin bristlecone pine in southern Nevada. <i>Canadian Journal of Forest Research</i> , 2020 , 50, 589-594	1.9	2
94	Comparative Plant Succession among Terrestrial Biomes of the World 2020 ,		12
93	The Ecology of Disturbance Interactions. <i>BioScience</i> , 2020 , 70, 854-870	5.7	30
92	Differences between primary and secondary plant succession among biomes of the world. <i>Journal of Ecology</i> , 2019 , 107, 510-516	6	41
91	Crevice-Nesting Auklets are Early-Successional Species Requiring Disturbance to Persist. <i>Arctic, Antarctic, and Alpine Research</i> , 2017 , 49, 585-599	1.8	6
90	Is successional research nearing its climax? New approaches for understanding dynamic communities. <i>Functional Ecology</i> , 2015 , 29, 154-164	5.6	136
89	Rodent mounds facilitate shrubs and shrubs inhibit seedlings in the Mojave Desert, USA. <i>Journal of Arid Environments</i> , 2015 , 113, 95-101	2.5	6
88	Plant succession as an integrator of contrasting ecological time scales. <i>Trends in Ecology and Evolution</i> , 2014 , 29, 504-10	10.9	65
87	Ecological mitigation of hillslope instability: ten key issues facing researchers and practitioners. <i>Plant and Soil</i> , 2014 , 377, 1-23	4.2	184
86	Optimization of intervention levels in ecological restoration. <i>Applied Vegetation Science</i> , 2014 , 17, 187-193	3.2	13
85	Changes in abiotic influences on seed plants and ferns during 187 years of primary succession on Puerto Rican landslides. <i>Journal of Ecology</i> , 2013 , 101, 650-661	6	36
84	Non-Native Plants Disrupt Dual Promotion of Native Alpha and Beta Diversity. <i>Folia Geobotanica</i> , 2013 , 48, 319-333	1.4	11
83	An invasive tree fern alters soil and plant nutrient dynamics in Hawaii. <i>Biological Invasions</i> , 2013 , 15, 355-370	3.7	12
82	Biological legacies: Direct early ecosystem recovery and food web reorganization after a volcanic eruption in Alaska. <i>Ecoscience</i> , 2013 , 20, 240-251	1.1	42
81	Loss of a dominant nitrogen-fixing shrub in primary succession: consequences for plant and below-ground communities. <i>Journal of Ecology</i> , 2012 , 100, 1074-1084	6	47
80	Four opportunities for studies of ecological succession. <i>Trends in Ecology and Evolution</i> , 2011 , 26, 119-23	10.9	211
79	Integration of the study of natural and anthropogenic disturbances using severity gradients. <i>Austral Ecology</i> , 2011 , 36, 916-922	1.5	30
78	Early successional woody plants facilitate and ferns inhibit forest development on Puerto Rican landslides. <i>Journal of Ecology</i> , 2010 , 98, 625-635	6	72

77	The use of chronosequences in studies of ecological succession and soil development. <i>Journal of Ecology</i> , 2010 , 98, 725-736	6	687
76	Ecological importance of ferns 2010 , 1-21		15
75	Fern conservation 2010 , 323-359		9
74	Current and future directions in fern ecology 2010 , 360-378		6
73	Understanding ecosystem retrogression. <i>Ecological Monographs</i> , 2010 , 80, 509-529	9	280
72	Post-eruption Legacy Effects and Their Implications for Long-Term Recovery of the Vegetation on Kasatochi Island, Alaska. <i>Arctic, Antarctic, and Alpine Research</i> , 2010 , 42, 285-296	1.8	46
71	Introduction The Impacts of the 2008 Eruption of Kasatochi Volcano on Terrestrial and Marine Ecosystems in the Aleutian Islands, Alaska. <i>Arctic, Antarctic, and Alpine Research</i> , 2010 , 42, 245-249	1.8	19
70	Applying lessons from ecological succession to the restoration of landslides. <i>Plant and Soil</i> , 2009 , 324, 157-168	4.2	42
69	Competitive abilities of <i>Tamarix aphylla</i> in southern Nevada. <i>Plant Ecology</i> , 2009 , 202, 159-167	1.7	16
68	Among- and within-species variation in plant litter decomposition in contrasting long-term chronosequences. <i>Functional Ecology</i> , 2009 , 23, 442-453	5.6	60
67	Punching above their weight: low-biomass non-native plant species alter soil properties during primary succession. <i>Oikos</i> , 2009 , 118, 1001-1014	4	116
66	Lessons from primary succession for restoration of severely damaged habitats. <i>Applied Vegetation Science</i> , 2009 , 12, 55-67	3.3	84
65	Landsliding and Its Multiscale Influence on Mountainscapes. <i>BioScience</i> , 2009 , 59, 685-698	5.7	64
64	The response of plant diversity to ecosystem retrogression: evidence from contrasting long-term chronosequences. <i>Oikos</i> , 2008 , 117, 93-103	4	77
63	Seed germination of the invasive plant <i>Brassica tournefortii</i> (Sahara mustard) in the Mojave Desert. <i>Western North American Naturalist</i> , 2008 , 68, 334-342	0.4	20
62	Post-disturbance erosion impacts carbon fluxes and plant succession on recent tropical landslides. <i>Plant and Soil</i> , 2008 , 313, 205-216	4.2	59
61	Soil factors predict initial plant colonization on Puerto Rican landslides. <i>Plant Ecology</i> , 2008 , 195, 165-178.	7	59
60	Integrating Restoration and Succession 2007 , 168-179		32

59	Insights Gained from Succession for the Restoration of Landscape Structure and Function 2007 , 19-44		19
58	TAMARIX APHYLLA: A NEWLY INVASIVE TREE IN SOUTHERN NEVADA. <i>Western North American Naturalist</i> , 2006 , 66, 191-201	0.4	14
57	Plant characteristics are poor predictors of microsite colonization during the first two years of primary succession. <i>Journal of Vegetation Science</i> , 2006 , 17, 397-406	3.1	56
56	Organic matter inputs create variable resource patches on Puerto Rican landslides. <i>Plant Ecology</i> , 2006 , 184, 223-236	1.7	21
55	Plant characteristics are poor predictors of microsite colonization during the first two years of primary succession 2006 , 17, 397		5
54	Contrasting impacts of a native and an invasive exotic shrub on flood-plain succession. <i>Journal of Vegetation Science</i> , 2005 , 16, 135-142	3.1	53
53	Restoring Soil and Ecosystem Processes 2005 , 192-196		2
52	Ecosystem properties and forest decline in contrasting long-term chronosequences. <i>Science</i> , 2004 , 305, 509-13	33.3	765
51	Impact of coloniser plant species on the development of decomposer microbial communities following deglaciation. <i>Soil Biology and Biochemistry</i> , 2004 , 36, 555-559	7.5	126
50	Denudation: the creation of a barren substrate 2003 , 14-51		
49	Successional theory 2003 , 52-87		
48	Soil development 2003 , 88-132		
47	Life histories of early colonists 2003 , 133-188		
46	Species interactions 2003 , 189-231		1
45	Successional patterns 2003 , 232-281		
44	Applications of theory for rehabilitation 2003 , 282-327		
43	Bird Perches Increase Forest Seeds on Puerto Rican Landslides. <i>Restoration Ecology</i> , 2003 , 11, 457-465	3.1	91
42	Species-specific Seedling Responses to Hurricane Disturbance in a Puerto Rican Rain Forest1. <i>Biotropica</i> , 2003 , 35, 472-485	2.3	51

41	Colonization dynamics and facilitative impacts of a nitrogen-fixing shrub in primary succession. <i>Journal of Vegetation Science</i> , 2003 , 14, 277-290	3.1	73
40	Species-specific Seedling Responses to Hurricane Disturbance in a Puerto Rican Rain Forest1. <i>Biotropica</i> , 2003 , 35, 472	2.3	
39	Primary Succession and Ecosystem Rehabilitation 2003 ,		453
38	Effect of <i>Coriaria arborea</i> on seed banks during primary succession on Mt Tarawera, New Zealand. <i>New Zealand Journal of Botany</i> , 2002 , 40, 629-638	1	8
37	Soil Water Retention on Gold Mine Surfaces in the Mojave Desert. <i>Restoration Ecology</i> , 2001 , 9, 95-103	3.1	14
36	Seedling and Sapling Dynamics of Treefall Pits in Puerto Rico1. <i>Biotropica</i> , 2000 , 32, 262-275	2.3	46
35	Plant and soil recovery along a series of abandoned desert roads. <i>Journal of Arid Environments</i> , 2000 , 46, 1-24	2.5	70
34	Effects of Seeding on Road Revegetation in the Mojave Desert, Southern Nevada. <i>Ecological Restoration</i> , 1999 , 17, 150-155	1.1	18
33	Plant successional pathways on Puerto Rican landslides. <i>Journal of Tropical Ecology</i> , 1997 , 13, 165-173	1.3	71
32	COMPETITION AND FACILITATION: A SYNTHETIC APPROACH TO INTERACTIONS IN PLANT COMMUNITIES. <i>Ecology</i> , 1997 , 78, 1958-1965	4.6	1266
31	Ecosystem Development and Plant Succession on Landslides in the Caribbean. <i>Biotropica</i> , 1996 , 28, 566	2.3	155
30	Responses of Tropical Plants to Nutrients and Light on a Landslide in Puerto Rico. <i>Journal of Ecology</i> , 1996 , 84, 331	6	66
29	An Altitudinal Comparison of Growth and Species Composition in Hurricane- Damaged Forests in Puerto Rico. <i>Journal of Ecology</i> , 1996 , 84, 877	6	75
28	Introduction: Disturbance and Caribbean Ecosystems. <i>Biotropica</i> , 1996 , 28, 414	2.3	83
27	Litterfall and nutrient cycling in four Hawaiian montane rainforests. <i>Journal of Tropical Ecology</i> , 1995 , 11, 189-203	1.3	73
26	Timing of post-hurricane tree mortality in Puerto Rico. <i>Journal of Tropical Ecology</i> , 1995 , 11, 315-320	1.3	45
25	Plant and soil responses to fire on a fern-covered landslide in Puerto Rico. <i>Journal of Tropical Ecology</i> , 1995 , 11, 473-479	1.3	45
24	Growth and Fertilization Responses of Hawaiian Tree Ferns. <i>Biotropica</i> , 1994 , 26, 378	2.3	32

23	Mechanisms of Primary Succession Following Deglaciation at Glacier Bay, Alaska. <i>Ecological Monographs</i> , 1994 , 64, 149-175	9	705
22	Effects of fern thickets on woodland development on landslides in Puerto Rico. <i>Journal of Vegetation Science</i> , 1994 , 5, 525-532	3.1	110
21	Nutrient limitations to plant growth during primary succession in Hawaii Volcanoes National Park. <i>Biogeochemistry</i> , 1993 , 23, 197-215	3.8	214
20	Posthurricane Seed Rain Dynamics in Puerto Rico. <i>Biotropica</i> , 1993 , 25, 408	2.3	67
19	Immediate Impact of Hurricane Hugo on a Puerto Rican Rain Forest. <i>Ecology</i> , 1992 , 73, 691-694	4.6	72
18	An Introduction to Hurricanes in the Caribbean. <i>Biotropica</i> , 1991 , 23, 313	2.3	106
17	Tree Damage and Recovery From Hurricane Hugo in Luquillo Experimental Forest, Puerto Rico. <i>Biotropica</i> , 1991 , 23, 379	2.3	211
16	Summary of the Effects of Caribbean Hurricanes on Vegetation. <i>Biotropica</i> , 1991 , 23, 442	2.3	185
15	An Invader Alters Germination and Growth of Native Dominant Tree in Hawaii. <i>Ecology</i> , 1991 , 72, 1449-1455	4.6	145
14	Differential Seedling Responses to Litter After Hurricane Hugo in the Luquillo Experimental Forest, Puerto Rico. <i>Biotropica</i> , 1991 , 23, 407	2.3	98
13	Biological Invasion by <i>Myrica Faya</i> in Hawaii: Plant Demography, Nitrogen Fixation, Ecosystem Effects. <i>Ecological Monographs</i> , 1989 , 59, 247-265	9	867
12	Soil Nitrogen Changes during Primary Succession on a Floodplain in Alaska, U.S.A.. <i>Arctic and Alpine Research</i> , 1989 , 21, 341		54
11	Rust Prevention on Dendrometer Bands. <i>Biotropica</i> , 1988 , 20, 336	2.3	1
10	Interactions among Processes Controlling Successional Change. <i>Oikos</i> , 1987 , 50, 131	4	187
9	Physiological Controls Over Seedling Growth in Primary Succession on an Alaskan Floodplain. <i>Ecology</i> , 1986 , 67, 1508-1523	4.6	131
8	The Role of Life History Processes in Primary Succession on an Alaskan Floodplain. <i>Ecology</i> , 1986 , 67, 1243-1253	4.6	177
7	Natural disturbances on islands64-115		
6	Nutrient ecology of ferns111-139		12

5	Ferns, disturbance and succession177-219	34
4	Problem ferns: their impact and management255-322	17
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