

Andrew M Latimer

List of Publications by Year in descending order

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Version: 2024-02-01

57
papers

3,673
citations

159585

30
h-index

155660

55
g-index

62
all docs

62
docs citations

62
times ranked

5965
citing authors

#	ARTICLE	IF	CITATIONS
1	Growth and spatial patterns of natural regeneration in Sierra Nevada mixed-conifer forests with a restored fire regime. <i>Forest Ecology and Management</i> , 2022, 519, 120270.	3.2	5
2	Climate explains population divergence in drought-induced plasticity of functional traits and gene expression in a South African <i>Protea</i> . <i>Molecular Ecology</i> , 2021, 30, 255-273.	3.9	8
3	Cross-scale interaction of host tree size and climatic water deficit governs bark beetle-induced tree mortality. <i>Nature Communications</i> , 2021, 12, 129.	12.8	52
4	The utility of climatic water balance for ecological inference depends on vegetation physiology assumptions. <i>Global Ecology and Biogeography</i> , 2021, 30, 933-949.	5.8	9
5	Nonlinear shifts in infectious rust disease due to climate change. <i>Nature Communications</i> , 2021, 12, 5102.	12.8	33
6	Local forest structure variability increases resilience to wildfire in dry western U.S. coniferous forests. <i>Ecology Letters</i> , 2020, 23, 483-494.	6.4	67
7	The Fire and Tree Mortality Database, for empirical modeling of individual tree mortality after fire. <i>Scientific Data</i> , 2020, 7, 194.	5.3	13
8	Invasive species interact with climatic variability to reduce success of natives. <i>Ecology</i> , 2020, 101, e03022.	3.2	23
9	Beyond counts and averages: Relating geodiversity to dimensions of biodiversity. <i>Global Ecology and Biogeography</i> , 2020, 29, 696-710.	5.8	29
10	Remote Sensing of Geodiversity as a Link to Biodiversity. , 2020, , 225-253.		4
11	Towards connecting biodiversity and geodiversity across scales with satellite remote sensing. <i>Global Ecology and Biogeography</i> , 2019, 28, 548-556.	5.8	87
12	Post-fire forest regeneration shows limited climate tracking and potential for drought-induced type conversion. <i>Ecology</i> , 2019, 100, e02571.	3.2	58
13	Tamm Review: Reforestation for resilience in dry western U.S. forests. <i>Forest Ecology and Management</i> , 2019, 432, 209-224.	3.2	109
14	Seed banks of native forbs, but not exotic grasses, increase during extreme drought. <i>Ecology</i> , 2018, 99, 896-903.	3.2	39
15	Long-term climate and competition explain forest mortality patterns under extreme drought. <i>Ecology Letters</i> , 2017, 20, 78-86.	6.4	321
16	Landscape Factors and Restoration Practices Associated with Initial Reforestation Success in Haiti. <i>Ecological Restoration</i> , 2016, 34, 306-316.	0.8	5
17	Monitoring plant functional diversity from space. <i>Nature Plants</i> , 2016, 2, 16024.	9.3	221
18	Transcriptome sequencing reveals population differentiation in gene expression linked to functional traits and environmental gradients in the South African shrub <i>Protea repens</i> . <i>New Phytologist</i> , 2016, 210, 295-309.	7.3	43

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19	Forest disturbance accelerates thermophilization of understory plant communities. <i>Journal of Ecology</i> , 2015, 103, 1253-1263.	4.0	95
20	Climatic controls on ecosystem resilience: Postfire regeneration in the Cape Floristic Region of South Africa. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 9058-9063.	7.1	42
21	Snowpack, fire, and forest disturbance: interactions affect montane invasions by non-native shrubs. <i>Global Change Biology</i> , 2015, 21, 2379-2393.	9.5	20
22	Wildfire-contingent effects of fuel treatments can promote ecological resilience in seasonally dry conifer forests. <i>Canadian Journal of Forest Research</i> , 2014, 44, 843-854.	1.7	61
23	Does experience with competition matter? Effects of source competitive environment on mean and plastic trait expression in <i>Erodium cicutarium</i> . <i>Perspectives in Plant Ecology, Evolution and Systematics</i> , 2014, 16, 236-246.	2.7	13
24	On using integral projection models to generate demographically driven predictions of species' distributions: development and validation using sparse data. <i>Ecography</i> , 2014, 37, 1167-1183.	4.5	121
25	Montane meadow hydrology, plant community, and herbivore dynamics. <i>Ecosphere</i> , 2014, 5, 1-16.	2.2	12
26	Moving forward in global change ecology: capitalizing on natural variability. <i>Ecology and Evolution</i> , 2013, 3, 170-181.	1.9	29
27	Quantifying how fine-grained environmental heterogeneity and genetic variation affect demography in an annual plant population. <i>Oecologia</i> , 2012, 170, 659-667.	2.0	6
28	Fuel treatment effectiveness in California yellow pine and mixed conifer forests. <i>Forest Ecology and Management</i> , 2012, 274, 17-28.	3.2	143
29	Analyzing reaction norm variation in the field vs. greenhouse: Comparing studies of plasticity and its adaptive value in two species of <i>Erodium</i> . <i>Perspectives in Plant Ecology, Evolution and Systematics</i> , 2012, 14, 325-334.	2.7	9
30	Cattle Grazing and Conservation of a Meadow-Dependent Amphibian Species in the Sierra Nevada. <i>PLoS ONE</i> , 2012, 7, e35734.	2.5	29
31	A Jungle in There: Bacteria in Belly Buttons are Highly Diverse, but Predictable. <i>PLoS ONE</i> , 2012, 7, e47712.	2.5	69
32	Can entropy maximization use functional traits to explain species abundances? A comprehensive evaluation. <i>Ecology</i> , 2011, 92, 1523-1537.	3.2	19
33	Lianas escape self-thinning: Experimental evidence of positive density dependence in temperate lianas <i>Celastrus orbiculatus</i> and <i>C. scandens</i> . <i>Perspectives in Plant Ecology, Evolution and Systematics</i> , 2011, 13, 163-172.	2.7	27
34	Data-model fusion to better understand emerging pathogens and improve infectious disease forecasting. <i>PLoS ONE</i> , 2011, 21, 1443-1460.		49
35	Point Pattern Modelling for Degraded Presence-Only Data Over Large Regions. <i>Journal of the Royal Statistical Society Series C: Applied Statistics</i> , 2011, 60, 757-776.	1.0	60
36	Mechanical Reproductive Isolation Facilitates Parallel Speciation in Western North American Scincid Lizards. <i>American Naturalist</i> , 2011, 178, 320-332.	2.1	13

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37	Point pattern modelling for degraded presence-only data over large regions. <i>Journal of the Royal Statistical Society Series C: Applied Statistics</i> , 2011, 60, 757-776.	1.0	3
38	Projecting climate change impacts on species distributions in megadiverse South African Cape and Southwest Australian Floristic Regions: Opportunities and challenges. <i>Austral Ecology</i> , 2010, 35, 374-391.	1.5	86
39	Modeling large scale species abundance with latent spatial processes. <i>Annals of Applied Statistics</i> , 2010, 4, .	1.1	40
40	A Hierarchical Bayesian model of wildfire in a Mediterranean biodiversity hotspot: Implications of weather variability and global circulation. <i>Ecological Modelling</i> , 2010, 221, 106-112.	2.5	57
41	Microsatellite primers in the white proteas (<i>Protea</i> section <i>Exsertae</i> , <i>Proteaceae</i>), a rapidly radiating lineage. <i>American Journal of Botany</i> , 2010, 97, e1-e3.	1.7	5
42	Conservation justice in metropolitan Cape Town: A study at the Macassar Dunes Conservation Area. <i>Biological Conservation</i> , 2010, 143, 1168-1174.	4.1	15
43	Convergent evolution of seed dispersal by ants, and phylogeny and biogeography in flowering plants: A global survey. <i>Perspectives in Plant Ecology, Evolution and Systematics</i> , 2010, 12, 43-55.	2.7	219
44	Experimental biogeography: the role of environmental gradients in high geographic diversity in Cape <i>Proteaceae</i> . <i>Oecologia</i> , 2009, 160, 151-162.	2.0	43
45	The role of land-use history in major invasions by woody plant species in the northeastern North American landscape. <i>Biological Invasions</i> , 2009, 11, 2317.	2.4	70
46	Hierarchical models facilitate spatial analysis of large data sets: a case study on invasive plant species in the northeastern United States. <i>Ecology Letters</i> , 2009, 12, 144-154.	6.4	125
47	Effects of an Invasive Plant Species, <i>Celastrus orbiculatus</i> , on Soil Composition and Processes. <i>American Midland Naturalist</i> , 2009, 161, 219-231.	0.4	29
48	Ants Sow the Seeds of Global Diversification in Flowering Plants. <i>PLoS ONE</i> , 2009, 4, e5480.	2.5	166
49	Fifteen woody species with potential for invasiveness in New England. <i>Rhodora</i> , 2008, 110, 345-353.	0.1	3
50	GEOGRAPHY AND RESOURCE LIMITATION COMPLICATE METABOLISM-BASED PREDICTIONS OF SPECIES RICHNESS. <i>Ecology</i> , 2007, 88, 1895-1898.	3.2	23
51	Invasive plants and their ecological strategies: prediction and explanation of woody plant invasion in New England. <i>Diversity and Distributions</i> , 2007, 13, 633-644.	4.1	89
52	Comparative performance of invasive and native <i>Celastrus</i> species across environmental gradients. <i>Oecologia</i> , 2007, 154, 273-282.	2.0	66
53	Building Statistical Models To Analyze Species Distributions. , 2006, 16, 33-50.		294
54	Explaining species distribution patterns through hierarchical modeling. <i>Bayesian Analysis</i> , 2006, 1, 41.	3.0	104

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55	Comment on "Neutral Ecological Theory Reveals Isolation and Rapid Speciation in a Biodiversity Hot Spot". Science, 2006, 311, 610b-610b.	12.6	41
56	Modelling species diversity through species level hierarchical modelling. Journal of the Royal Statistical Society Series C: Applied Statistics, 2005, 54, 1-20.	1.0	126
57	Neutral Ecological Theory Reveals Isolation and Rapid Speciation in a Biodiversity Hot Spot. Science, 2005, 309, 1722-1725.	12.6	123