Leonardo Frid

List of Publications by Year
in descending order

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25 papers	492 citations	623734 14 h-index	677142 22 g-index
25 all docs	25 docs citations	25 times ranked	535 citing authors

#	Article	IF	Citations
1	Stateâ€andâ€transition simulation models: a framework for forecasting landscape change. Methods in Ecology and Evolution, 2016, 7, 1413-1423.	5.2	86
2	Clearcut logging restricts the movements of terrestrial Pacific giant salamanders (Dicamptodon) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 7	1.0	54
3	Great Basin Land Management Planning Using Ecological Modeling. Environmental Management, 2006, 38, 62-83.	2.7	46
4	Thermal ecology of western tent caterpillars Malacosoma californicum pluviale and infection by nucleopolyhedrovirus. Ecological Entomology, 2002, 27, 665-673.	2.2	30
5	Comparing alternative management strategies of fire, grazing, and weed control using spatial modeling. Ecological Modelling, 2007, 209, 249-263.	2.5	27
6	Coâ€producing simulation models to inform resource management: a case study from southwest South Dakota. Ecosphere, 2017, 8, e02020.	2.2	26
7	Using State-and-Transition Modeling to Account for Imperfect Detection in Invasive Species Management. Invasive Plant Science and Management, 2013, 6, 36-47.	1.1	24
8	An integrated approach to modeling changes in land use, land cover, and disturbance and their impact on ecosystem carbon dynamics: a case study in the Sierra Nevada Mountains of California. AIMS Environmental Science, 2015, 2, 577-606.	1.4	23
9	Decision Analysis to Evaluate Control Strategies for Crested Wheatgrass (Agropyron) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5 324-336.	1.1	21
10	Evaluating Alternative Weed Management Strategies for Three Montana Landscapes. Invasive Plant Science and Management, 2013, 6, 48-59.	1.1	19
11	Integrating continuous stocks and flows into stateâ€andâ€transition simulation models of landscape change. Methods in Ecology and Evolution, 2018, 9, 1133-1143.	5.2	18
12	Developing an expert elicited simulation model to evaluate invasive species and fire management alternatives. Ecosphere, 2019, 10, e02730.	2.2	16
13	State-and-Transition Models: Conceptual Versus Simulation Perspectives, Usefulness and Breadth of Use, and Land Management Applications. Springer Series on Environmental Management, 2016, , 371-407.	0.3	14
14	Combining state-and-transition simulations and species distribution models to anticipate the effects of climate change. AIMS Environmental Science, 2015, 2, 400-426.	1.4	14
15	The influence of herbivores and neighboring plants on risk of browsing: a case study using arctic lupine (Lupinus arcticus) and arctic ground squirrels (Spermophilus parryii plesius). Canadian Journal of Zoology, 2001, 79, 874-880.	1.0	12
16	Vegetation dynamics models: a comprehensive set for natural resource assessment and planning in the United States. Ecosphere, 2021, 12, e03484.	2.2	10
17	A Tool for Projecting Rangeland Vegetation Response to Management and Climate. Rangelands, 2019, 41, 49-60.	1.9	9
18	Simulating long-term effectiveness and efficiency of management scenarios for an invasive grass. AIMS Environmental Science, 2015, 2, 427-447.	1.4	8

#	Article	IF	Citations
19	A multi-scale framework for evaluating the benefits and costs of alternative management strategies against invasive plants. Journal of Environmental Planning and Management, 2013, 56, 412-434.	4.5	7
20	Assessing ecological uncertainty and simulation model sensitivity to evaluate an invasive plant speciesâ€™ potential impacts to the landscape. Scientific Reports, 2020, 10, 19069.	3.3	7
21	Forecasting the Cumulative Effects of Multiple Stressors on Breeding Habitat for a Steeply Declining Aerial Insectivorous Songbird, the Olive-sided Flycatcher (Contopus cooperi). Frontiers in Ecology and Evolution, 2021, 9, .	2.2	7
22	Operational assessment tool for forest carbon dynamics for the United States: a new spatially explicit approach linking the LUCAS and CBM-CFS3 models. Carbon Balance and Management, 2022, 17, 1.	3.2	7
23	A state-and-transition simulation modeling approach for estimating the historical range of variability. AIMS Environmental Science, 2015, 2, 253-268.	1.4	4
24	A new approach for representing agent-environment feedbacks: coupled agent-based and state-and-transition simulation models. Landscape Ecology, 2022, 37, 43-58.	4.2	3
25	Coupling process-based and empirical models to assess management options to meet conservation goals. Biological Conservation, 2022, 265, 109379.	4.1	0