

Alejandro A Royo

List of Publications by Year in descending order

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Version: 2024-02-01

49
papers

2,303
citations

257450

24
h-index

223800

46
g-index

55
all docs

55
docs citations

55
times ranked

2043
citing authors

#	ARTICLE	IF	CITATIONS
1	Managing Moose from Home: Determining Landscape Carrying Capacity for Alces alces Using Remote Sensing. <i>Forests</i> , 2022, 13, 150.	2.1	2
2	Stasis in forest regeneration following deer exclusion and understory gap creation: A 10-year experiment. <i>Ecological Applications</i> , 2022, 32, e2569.	3.8	17
3	Stand and site characteristics affect the probability of stump sprouting in some eastern North American hardwoods. <i>Forest Ecology and Management</i> , 2022, 511, 120136.	3.2	1
4	The long-term impacts of deer herbivory in determining temperate forest stand and canopy structural complexity. <i>Journal of Applied Ecology</i> , 2022, 59, 812-821.	4.0	23
5	The Forest of Unintended Consequences: Anthropogenic Actions Trigger the Rise and Fall of Black Cherry. <i>BioScience</i> , 2021, 71, 683-696.	4.9	13
6	Tree assisted migration in a browsed landscape: Can we predict susceptibility to herbivores?. <i>Forest Ecology and Management</i> , 2021, 498, 119576.	3.2	7
7	A Review of Ungulate Impacts on the Success of Climate-Adapted Forest Management Strategies. <i>Current Forestry Reports</i> , 2021, 7, 305-320.	7.4	9
8	Post-windthrow salvage logging increases seedling and understory diversity with little impact on composition immediately after logging. <i>New Forests</i> , 2020, 51, 409-420.	1.7	6
9	Phytochemicals Involved in Plant Resistance to Leporids and Cervids: a Systematic Review. <i>Journal of Chemical Ecology</i> , 2020, 46, 84-98.	1.8	17
10	Predicting terpene content in dried conifer shoots using near infrared spectroscopy. <i>Journal of Near Infrared Spectroscopy</i> , 2020, 28, 308-314.	1.5	4
11	Moose Browsing Tends Spruce Plantations More Efficiently Than a Single Mechanical Release. <i>Forests</i> , 2020, 11, 1138.	2.1	9
12	Are Current Seedling Demographics Poised to Regenerate Northern US Forests?. <i>Journal of Forestry</i> , 2019, 117, 592-612.	1.0	20
13	Deer browsing overwhelms extended leaf phenology benefits: A test case with <i>Rubus allegheniensis</i> and a recalcitrant hay-scented fern layer. <i>Forest Ecology and Management</i> , 2019, 448, 294-299.	3.2	5
14	Timing is Not Everything: Assessing the Efficacy of Pre- Versus Post-Harvest Herbicide Applications in Mitigating the Burgeoning Birch Phenomenon in Regenerating Hardwood Stands. <i>Forests</i> , 2019, 10, 324.	2.1	8
15	Partitioning and predicting forage biomass from total aboveground biomass of regenerating tree species using dimensional analyses. <i>Canadian Journal of Forest Research</i> , 2019, 49, 309-316.	1.7	3
16	A regional assessment of white-tailed deer effects on plant invasion. <i>AoB PLANTS</i> , 2018, 10, plx047.	2.3	42
17	Salvage logging effects on regulating and supporting ecosystem services – a systematic map. <i>Canadian Journal of Forest Research</i> , 2018, 48, 983-1000.	1.7	74
18	Optimizing Conservation Strategies for a Threatened Tree Species: In Situ Conservation of White Ash (<i>Fraxinus americana</i> L.) Genetic Diversity through Insecticide Treatment. <i>Forests</i> , 2018, 9, 202.	2.1	20

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19	Assessing the single-tree and small group selection cutting system as intermediate disturbance to promote regeneration and diversity in temperate mixedwood stands. <i>Forest Ecology and Management</i> , 2018, 430, 21-32.	3.2	34
20	Simulating ungulate herbivory across forest landscapes: A browsing extension for LANDIS-II. <i>Ecological Modelling</i> , 2017, 350, 11-29.	2.5	26
21	Demographic disequilibrium caused by canopy gap expansion and recruitment failure triggers forest cover loss. <i>Forest Ecology and Management</i> , 2017, 401, 117-124.	3.2	9
22	Challenges facing gap-based silviculture and possible solutions for mesic northern forests in North America. <i>Forestry</i> , 2017, 90, 4-17.	2.3	119
23	Spatio-temporal variation in foodscapes modifies deer browsing impact on vegetation. <i>Landscape Ecology</i> , 2017, 32, 2281-2295.	4.2	32
24	Unearthing the hidden world of roots: Root biomass and architecture differ among species within the same guild. <i>PLoS ONE</i> , 2017, 12, e0185934.	2.5	37
25	The canary in the coal mine: Sprouts as a rapid indicator of browse impact in managed forests. <i>Ecological Indicators</i> , 2016, 69, 269-275.	6.3	19
26	Evaluating the ecological impacts of salvage logging: can natural and anthropogenic disturbances promote coexistence?. <i>Ecology</i> , 2016, 97, 1566-1582.	3.2	80
27	The legacy of deer overabundance: long-term delays in herbaceous understory recovery. <i>Canadian Journal of Forest Research</i> , 2016, 46, 362-369.	1.7	46
28	The Indirect Impact of Long-Term Overbrowsing on Insects in the Allegheny National Forest Region of Pennsylvania. <i>Northeastern Naturalist</i> , 2015, 22, 782-797.	0.3	11
29	Long-term biological legacies of herbivore density in a landscape-scale experiment: forest understoreys reflect past deer density treatments for at least 20 years. <i>Journal of Ecology</i> , 2014, 102, 221-228.	4.0	138
30	The distribution of a non-native (<i>Rosa multiflora</i>) and native (<i>Kalmia latifolia</i>) shrub in mature closed-canopy forests across soil fertility gradients. <i>Plant and Soil</i> , 2014, 377, 259-276.	3.7	18
31	A Pox on our Land. , 2014, , 400-411.		9
32	Disturbance size and severity covary in small and mid-size wind disturbances in Pennsylvania northern hardwoods forests. <i>Forest Ecology and Management</i> , 2013, 302, 273-279.	3.2	12
33	Historic disturbance regimes promote tree diversity only under low browsing regimes in eastern deciduous forest. <i>Ecological Monographs</i> , 2013, 83, 3-17.	5.4	123
34	Stochastic and deterministic processes regulate spatio-temporal variation in seed bank diversity. <i>Journal of Vegetation Science</i> , 2013, 24, 724-734.	2.2	38
35	White ash (<i>Fraxinus americana</i>) decline and mortality: The role of site nutrition and stress history. <i>Forest Ecology and Management</i> , 2012, 286, 8-15.	3.2	19
36	Chronic over browsing and biodiversity collapse in a forest understory in Pennsylvania: Results from a 60 year-old deer exclusion plot. <i>Journal of the Torrey Botanical Society</i> , 2011, 138, 220-224.	0.3	74

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37	Over-browsing in Pennsylvania creates a depauperate forest dominated by an understory tree: Results from a 60-year-old deer exclosure. <i>Journal of the Torrey Botanical Society</i> , 2011, 138, 322-326.	0.3	54
38	Non-arborescent vegetation trajectories following repeated hurricane disturbance: ephemeral versus enduring responses. <i>Ecosphere</i> , 2011, 2, art77.	2.2	44
39	Pervasive interactions between ungulate browsers and disturbance regimes promote temperate forest herbaceous diversity. <i>Ecology</i> , 2010, 91, 93-105.	3.2	148
40	Restoring forest herb communities through landscape-level deer herd reductions: Is recovery limited by legacy effects?. <i>Biological Conservation</i> , 2010, 143, 2425-2434.	4.1	112
41	Canopy gaps decrease microbial densities and disease risk for a shade-intolerant tree species. <i>Acta Oecologica</i> , 2010, 36, 530-536.	1.1	31
42	Una aproximación ecológica a la silvicultura del roble: sntesis de 50 años de investigación en ecosistemas de roble en Norteamérica. <i>Colombia Forestal</i> , 2010, 13, 201.	0.2	6
43	Evaluating relationships among tree growth rate, shade tolerance, and browse tolerance following disturbance in an eastern deciduous forest. <i>Canadian Journal of Forest Research</i> , 2009, 39, 2460-2469.	1.7	51
44	Direct and indirect effects of a dense understory on tree seedling recruitment in temperate forests: habitat-mediated predation versus competition. <i>Canadian Journal of Forest Research</i> , 2008, 38, 1634-1645.	1.7	65
45	Demographic constraints in three populations of <i>Lobelia boykinii</i> : a rare wetland endemic. <i>Journal of the Torrey Botanical Society</i> , 2008, 135, 189-199.	0.3	1
46	On the formation of dense understory layers in forests worldwide: consequences and implications for forest dynamics, biodiversity, and succession. <i>Canadian Journal of Forest Research</i> , 2006, 36, 1345-1362.	1.7	477
47	Soil feedback and pathogen activity in <i>Prunus serotina</i> throughout its native range. <i>Journal of Ecology</i> , 2005, 93, 890-898.	4.0	103
48	The herb community of a tropical forest in central Panamá: dynamics and impact of mammalian herbivores. <i>Oecologia</i> , 2005, 145, 66-75.	2.0	31
49	Deer Browsing Creates Rock Refugia Gardens on Large Boulders in the Allegheny National Forest, Pennsylvania. <i>American Midland Naturalist</i> , 2005, 154, 201-206.	0.4	27