

Robert A Andrus

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7645089/publications.pdf>

Version: 2024-02-01

23
papers

582
citations

623574

14
h-index

642610

23
g-index

24
all docs

24
docs citations

24
times ranked

701
citing authors

#	ARTICLE	IF	CITATIONS
1	Moisture availability limits subalpine tree establishment. <i>Ecology</i> , 2018, 99, 567-575.	1.5	100
2	Continent-wide tree fecundity driven by indirect climate effects. <i>Nature Communications</i> , 2021, 12, 1242.	5.8	46
3	Is there tree senescence? The fecundity evidence. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	42
4	Incorporating biophysical gradients and uncertainty into burn severity maps in a temperate fire-prone forested region. <i>Ecosphere</i> , 2019, 10, e02600.	1.0	40
5	Fire severity unaffected by spruce beetle outbreak in spruce-fir forests in southwestern Colorado. <i>Ecological Applications</i> , 2016, 26, 700-711.	1.8	35
6	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.	4.6	35
7	Detecting subtle change from dense Landsat time series: Case studies of mountain pine beetle and spruce beetle disturbance. <i>Remote Sensing of Environment</i> , 2021, 263, 112560.	4.6	32
8	North American tree migration paced by climate in the West, lagging in the East. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	3.3	27
9	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.	1.4	26
10	Increasing rates of subalpine tree mortality linked to warmer and drier summers. <i>Journal of Ecology</i> , 2021, 109, 2203-2218.	1.9	24
11	Limits to reproduction and seed size-number trade-offs that shape forest dominance and future recovery. <i>Nature Communications</i> , 2022, 13, 2381.	5.8	21
12	A trait-based approach to assessing resistance and resilience to wildfire in two iconic North American conifers. <i>Journal of Ecology</i> , 2021, 109, 313-326.	1.9	18
13	Reproductive maturity and cone abundance vary with tree size and stand basal area for two widely distributed conifers. <i>Ecosphere</i> , 2020, 11, e03092.	1.0	17
14	Effects of Bark Beetle Outbreaks on Forest Landscape Pattern in the Southern Rocky Mountains, U.S.A.. <i>Remote Sensing</i> , 2021, 13, 1089.	1.8	17
15	Forest recovery following synchronous outbreaks of spruce and western balsam bark beetle is slowed by ungulate browsing. <i>Ecology</i> , 2020, 101, e02998.	1.5	15
16	Droughty times in mesic places: factors associated with forest mortality vary by scale in a temperate subalpine region. <i>Ecosphere</i> , 2021, 12, e03318.	1.0	14
17	The Fire and Tree Mortality Database, for empirical modeling of individual tree mortality after fire. <i>Scientific Data</i> , 2020, 7, 194.	2.4	13
18	Assessing the quality of fire refugia for wildlife habitat. <i>Forest Ecology and Management</i> , 2021, 482, 118868.	1.4	12

#	ARTICLE	IF	CITATIONS
19	Future dominance by quaking aspen expected following short-interval, compounded disturbance interaction. <i>Ecosphere</i> , 2021, 12, e03345.	1.0	12
20	Globally, tree fecundity exceeds productivity gradients. <i>Ecology Letters</i> , 2022, 25, 1471-1482.	3.0	11
21	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.	0.8	10
22	Stand dynamics and topographic setting influence changes in live tree biomass over a 34-year permanent plot record in a subalpine forest in the Colorado Front Range. <i>Canadian Journal of Forest Research</i> , 2019, 49, 1256-1264.	0.8	9
23	Outbreaks of Douglas-Fir Beetle Follow Western Spruce Budworm Defoliation in the Southern Rocky Mountains, USA. <i>Forests</i> , 2022, 13, 371.	0.9	6