

# Joseph A Antos

## List of Publications by Year in descending order

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Version: 2024-02-01

63  
papers

2,144  
citations

218677

26  
h-index

233421

45  
g-index

64  
all docs

64  
docs citations

64  
times ranked

2751  
citing authors

#	ARTICLE	IF	CITATIONS
1	A synthesis of radial growth patterns preceding tree mortality. <i>Global Change Biology</i> , 2017, 23, 1675-1690.	9.5	394
2	Relative reproductive effort in males and females of the dioecious shrub <i>Oemleria cerasiformis</i> . <i>Oecologia</i> , 1988, 76, 111-118.	2.0	102
3	A DECADE OF RECOVERY OF UNDERSTORY VEGETATION BURIED BY VOLCANIC TEPHRA FROM MOUNT ST. HELENS. <i>Ecological Monographs</i> , 1997, 67, 317-344.	5.4	92
4	Structure and dynamics of a nearly steady-state subalpine forest in south-central British Columbia, Canada. <i>Oecologia</i> , 2002, 130, 126-135.	2.0	74
5	Correlations Between Forest Layers in the Swan Valley, Montana. <i>Ecology</i> , 1981, 62, 1196-1204.	3.2	72
6	The tree seedling bank in an ancient montane forest: stress tolerators in a productive habitat. <i>Journal of Ecology</i> , 2005, 93, 536-543.	4.0	65
7	Ecological Implications of Belowground Morphology of Nine Coniferous Forest Herbs. <i>Botanical Gazette</i> , 1984, 145, 508-517.	0.6	63
8	Dynamics of an old-growth, fire-initiated, subalpine forest in southern interior British Columbia: tree size, age, and spatial structure. <i>Canadian Journal of Forest Research</i> , 2002, 32, 1935-1946.	1.7	62
9	Tree invasion into a mountain-top meadow in the Oregon Coast Range, USA. <i>Journal of Vegetation Science</i> , 1992, 3, 485-494.	2.2	58
10	Plant form, developmental plasticity, and survival following burial by volcanic tephra. <i>Canadian Journal of Botany</i> , 1985, 63, 2083-2090.	1.1	56
11	Testing conceptual models of early plant succession across a disturbance gradient. <i>Journal of Ecology</i> , 2019, 107, 517-530.	4.0	54
12	Growth and Development of Natural Seedlings of <i>Abies</i> and <i>Tsuga</i> in Old-Growth Forest. <i>Journal of Ecology</i> , 1991, 79, 985.	4.0	53
13	Structure and dynamics of an ancient montane forest in coastal British Columbia. <i>Oecologia</i> , 2004, 141, 562-576.	2.0	53
14	Succession in subarctic boreal forests of West-Central British Columbia. <i>Journal of Vegetation Science</i> , 2003, 14, 721-732.	2.2	51
15	Recovery of forest understories buried by tephra from Mount St. Helens. <i>Plant Ecology</i> , 1986, 64, 103-111.	1.2	46
16	Age Structure and Growth of the Tree-seedling Bank in Subalpine Spruce-fir Forests of South-central British Columbia. <i>American Midland Naturalist</i> , 2000, 143, 342-354.	0.4	44
17	Patterns of reproductive effort in male and female shrubs of <i>Oemleria cerasiformis</i> : a 6-year study. <i>Journal of Ecology</i> , 1999, 87, 77-84.	4.0	42
18	Species properties and recovery from disturbance: Forest herbs buried by volcanic tephra. <i>Journal of Vegetation Science</i> , 2009, 20, 650-662.	2.2	40

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19	Tree invasion of a montane meadow complex: temporal trends, spatial patterns, and biotic interactions. <i>Journal of Vegetation Science</i> , 2010, 21, 717.	2.2	40
20	Flowering Patterns of Understory Herbs 30 Years after Disturbance of Subalpine Old-Growth Forests by Tephra from Mount St. Helens. <i>International Journal of Plant Sciences</i> , 2016, 177, 145-156.	1.3	36
21	Survival of Plants Buried for Eight Growing Seasons by Volcanic Tephra. <i>Ecology</i> , 1992, 73, 698-701.	3.2	35
22	Plant Responses in Forests of the Tephra-Fall Zone. , 2005, , 47-58.		34
23	SPECIES REPLACEMENT DURING EARLY SECONDARY SUCCESSION: THE ABRUPT DECLINE OF A WINTER ANNUAL. <i>Ecology</i> , 1997, 78, 621-631.	3.2	33
24	Density and distribution of advance regeneration in mountain pine beetle killed lodgepole pine stands of the Montane Spruce zone of southern British Columbia. <i>Canadian Journal of Forest Research</i> , 2008, 38, 2826-2836.	1.7	33
25	Ecology of western redcedar ( <i>Thuja plicata</i> ): Implications for management of a high-value multiple-use resource. <i>Forest Ecology and Management</i> , 2016, 375, 211-222.	3.2	29
26	Snowpack Modification of Volcanic Tephra Effects on Forest Understory Plants Near Mount St. Helens. <i>Ecology</i> , 1982, 63, 1969.	3.2	28
27	Slow growth, long-lived trees, and minimal disturbance characterize the dynamics of an ancient, montane forest in coastal British Columbia. <i>Canadian Journal of Forest Research</i> , 2006, 36, 2826-2838.	1.7	27
28	Upward movement of underground plant parts into deposits of tephra from Mount St. Helens. <i>Canadian Journal of Botany</i> , 1985, 63, 2091-2096.	1.1	26
29	Tree rings provide no evidence of a CO <sub>2</sub> fertilization effect in old-growth subalpine forests of western Canada. <i>Global Change Biology</i> , 2019, 25, 1222-1234.	9.5	25
30	Effects of neighbours on crown length of <i>Abies lasiocarpa</i> and <i>Picea engelmannii</i> in two old-growth stands in British Columbia. <i>Canadian Journal of Forest Research</i> , 2010, 40, 638-647.	1.7	23
31	SEEDLING ESTABLISHMENT IN FORESTS AFFECTED BY TEPHRA FROM MOUNT ST. HELENS. <i>American Journal of Botany</i> , 1986, 73, 495-499.	1.7	22
32	Spatio-temporal patterns of tree establishment are indicative of biotic interactions during early invasion of a montane meadow. <i>Plant Ecology</i> , 2012, 213, 555-568.	1.6	22
33	Survival of Prolonged Burial by Subalpine Forest Understory Plants. <i>American Midland Naturalist</i> , 1986, 115, 282.	0.4	19
34	UNDERGROUND MORPHOLOGY AND HABITAT RELATIONSHIPS OF THREE PAIRS OF FOREST HERBS. <i>American Journal of Botany</i> , 1988, 75, 106-113.	1.7	18
35	Advanced regeneration and seedling establishment in small cutblocks in high-elevation spruce-fir forest at Sicamous Creek, southern British Columbia. <i>Canadian Journal of Forest Research</i> , 2005, 35, 1877-1888.	1.7	17
36	Vegetation Recovery in Slash-Pile Scars Following Conifer Removal in a Grassland Restoration Experiment. <i>Restoration Ecology</i> , 2014, 22, 731-740.	2.9	17

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37	Understorey succession after burial by tephra from Mount St. Helens. <i>Journal of Ecology</i> , 2019, 107, 531-544.	4.0	15
38	Seedling Establishment in Forests Affected by Tephra from Mount St. Helens. <i>American Journal of Botany</i> , 1986, 73, 495.	1.7	15
39	Flowering and seedling production of understory herbs in old-growth forests affected by 1980 tephra from Mount St. Helens. <i>Canadian Journal of Botany</i> , 2007, 85, 607-620.	1.1	14
40	Demographic differences between two sympatric lilies ( <i>Calochortus</i> ) with contrasting distributions, as revealed by matrix analysis. <i>Plant Ecology</i> , 2007, 191, 265-278.	1.6	14
41	Size, species, and site-specific tree growth responses to climate variability in old-growth subalpine forests. <i>Ecosphere</i> , 2021, 12, e03529.	2.2	14
42	Community reorganization in forest understories buried by volcanic tephra. <i>Ecosphere</i> , 2017, 8, e02045.	2.2	13
43	Adventitious rooting of eight conifers into a volcanic tephra deposit. <i>Canadian Journal of Forest Research</i> , 1982, 12, 717-719.	1.7	12
44	Growth patterns prior to mortality of mature <i>Abies lasiocarpa</i> in old-growth subalpine forests of southern British Columbia. <i>Forest Ecology and Management</i> , 2008, 255, 1568-1574.	3.2	11
45	Allometry and size structure of trees in two ancient snow forests in coastal British Columbia. <i>Canadian Journal of Forest Research</i> , 2008, 38, 278-288.	1.7	11
46	Advance regeneration and trajectories of stand development following the mountain pine beetle outbreak in boreal forests of British Columbia. <i>Canadian Journal of Forest Research</i> , 2015, 45, 1327-1337.	1.7	11
47	A little disturbance goes a long way: 33-year understory successional responses to a thin tephra deposit. <i>Forest Ecology and Management</i> , 2016, 382, 236-243.	3.2	11
48	Underground Morphology and Habitat Relationships of Three Pairs of Forest Herbs. <i>American Journal of Botany</i> , 1988, 75, 106.	1.7	11
49	Sex ratio, flowering and fruit set in dioecious <i>Rubus chamaemorus</i> (Rosaceae) in Labrador. <i>Botany</i> , 2008, 86, 204-212.	1.0	10
50	Conifer reinvasion of montane meadows following experimental tree removal and prescribed burning. <i>Forest Ecology and Management</i> , 2014, 319, 128-137.	3.2	9
51	Past tree influence and prescribed fire mediate biotic interactions and community reassembly in a grassland restoration experiment. <i>Journal of Applied Ecology</i> , 2016, 53, 264-273.	4.0	9
52	Succession in sub-boreal forests of West-Central British Columbia. <i>Journal of Vegetation Science</i> , 2003, 14, 721.	2.2	7
53	Demography of a dormancy-prone geophyte: influence of spatial scale on interpretation of dynamics. <i>Plant Ecology</i> , 2012, 213, 569-579.	1.6	6
54	Leaf-level physiology in four subalpine plants in tephra-impacted forests during drought. <i>Canadian Journal of Forest Research</i> , 2018, 48, 431-441.	1.7	6

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55	Past tree influence and prescribed fire exert strong controls on reassembly of mountain grasslands after tree removal. <i>Ecological Applications</i> , 2019, 29, e01860.	3.8	4
56	Secondary disturbance following a deposit of volcanic tephra: a 30-year record from old-growth forest understory. <i>Canadian Journal of Forest Research</i> , 2021, 51, 1541-1549.	1.7	4
57	Rates, patterns, and drivers of tree reinvasion 15 years after large-scale meadow restoration treatments. <i>Restoration Ecology</i> , 2021, 29, e13377.	2.9	4
58	Belowground morphology and population dynamics of two forest understory herbs of contrasting growth forms. <i>Botany</i> , 2021, 99, 569-580.	1.0	3
59	Long-term responses of forest-floor bryophytes buried by tephra in the 1980 eruption of Mount St. Helens. <i>Botany</i> , 2021, 99, 151-165.	1.0	2
60	A Decade of Recovery of Understory Vegetation Buried by Volcanic Tephra From Mount St. Helens. <i>Ecological Monographs</i> , 1997, 67, 317.	5.4	2
61	Community development by forest understory plants after prolonged burial by tephra. <i>Plant Ecology</i> , 2022, 223, 381.	1.6	1
62	Seedling establishment in a patchy environment. <i>Ecoscience</i> , 1998, 5, 86-94.	1.4	0
63	Growth rates and crown morphology of <i>Abies amabilis</i> in the seedling bank of an ancient subalpine conifer forest. <i>Canadian Journal of Forest Research</i> , 2020, 50, 1124-1130.	1.7	0