

# Douglas C Andersen

## List of Publications by Year in descending order

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Version: 2024-02-01

45  
papers

1,749  
citations

361296

20  
h-index

289141

40  
g-index

46  
all docs

46  
docs citations

46  
times ranked

1387  
citing authors

#	ARTICLE	IF	CITATIONS
1	Ecosystem effects of environmental flows: modelling and experimental floods in a dryland river. <i>Freshwater Biology</i> , 2010, 55, 68-85.	1.2	162
2	Multiple pathways for woody plant establishment on floodplains at local to regional scales. <i>Journal of Ecology</i> , 2003, 91, 182-196.	1.9	147
3	Vulnerability of riparian ecosystems to elevated $\text{CO}_2$ and climate change in arid and semiarid western North America. <i>Global Change Biology</i> , 2012, 18, 821-842.	4.2	145
4	Factors controlling the establishment of Fremont cottonwood seedlings on the Upper Green River, USA. , 1999, 15, 419-440.		142
5	Population Dynamics and Bioenergetics of a Fossorial Herbivore, <i>Thomomys talpoides</i> (Rodentia: Tj ETQq1 1 0.784314 rgBT /Overload	2.4	106
6	Plant Succession Following the Mount St. Helens Volcanic Eruption: Facilitation by a Burrowing Rodent, <i>Thomomys talpoides</i> . <i>American Midland Naturalist</i> , 1985, 114, 62.	0.2	96
7	Patterns of nitrogen accumulation and cycling in riparian floodplain ecosystems along the Green and Yampa rivers. <i>Oecologia</i> , 2004, 139, 108-116.	0.9	86
8	Socioecology of Marmots: Female Reproductive Strategies. <i>Ecology</i> , 1976, 57, 552-560.	1.5	79
9	An organism-centered approach to some community and ecosystem concepts. <i>Journal of Theoretical Biology</i> , 1981, 88, 287-307.	0.8	67
10	MOVEMENT PATTERNS OF RIPARIAN SMALL MAMMALS DURING PREDICTABLE FLOODPLAIN INUNDATION. <i>Journal of Mammalogy</i> , 2000, 81, 1087-1099.	0.6	56
11	The effects of bird use on nutrient removal in a constructed wastewater-treatment wetland. <i>Wetlands</i> , 2003, 23, 423-435.	0.7	54
12	Beaver dams, hydrological thresholds, and controlled floods as a management tool in a desert riverine ecosystem, Bill Williams River, Arizona. <i>Ecohydrology</i> , 2010, 3, 325-338.	1.1	49
13	Tunnel-Construction Methods and Foraging Path of a Fossorial Herbivore, <i>Geomys bursarius</i> . <i>Journal of Mammalogy</i> , 1988, 69, 565-582.	0.6	46
14	Investigation of denitrification rates in an ammonia-dominated constructed wastewater-treatment wetland. <i>Wetlands</i> , 2000, 20, 684-696.	0.7	46
15	Reestablishment of Endogonaceae on Mount St. Helens: Survival of Residuals. <i>Mycologia</i> , 1984, 76, 1031-1038.	0.8	42
16	<i>Geomys Bursarius</i> Burrowing Patterns: Influence of Season and Food Patch Structure. <i>Ecology</i> , 1987, 68, 1306-1318.	1.5	39
17	An Assessment of Riparian Environmental Quality by Using Butterflies and Disturbance Susceptibility Scores. <i>Southwestern Naturalist</i> , 1994, 39, 137.	0.1	35
18	Are Cicadas ( <i>Diceroprocta apache</i> ) Both a "Keystone" and a "Critical-Link" Species in Lower Colorado River Riparian Communities?. <i>Southwestern Naturalist</i> , 1994, 39, 26.	0.1	26

#	ARTICLE	IF	CITATIONS
19	Beaver herbivory and its effect on cottonwood trees: influence of flooding along matched regulated and unregulated rivers. <i>River Research and Applications</i> , 2003, 19, 43-58.	0.7	26
20	Dams, Floodplain Land Use, and Riparian Forest Conservation in the Semiarid Upper Colorado River Basin, USA. <i>Environmental Management</i> , 2007, 40, 453-475.	1.2	22
21	PLANT-HERBIVORE-HYDROPERIOD INTERACTIONS: EFFECTS OF NATIVE MAMMALS ON FLOODPLAIN TREE RECRUITMENT. , 2000, 10, 1384-1399.		20
22	Managed Flood Effects on Beaver Pond Habitat in a Desert Riverine Ecosystem, Bill Williams River, Arizona USA. <i>Wetlands</i> , 2011, 31, 195-206.	0.7	20
23	Spatial correlations of <i>Diceroprocta apache</i> and its host plants: evidence for a negative impact from <i>Tamarix</i> invasion. <i>Ecological Entomology</i> , 2002, 27, 16-24.	1.1	19
24	The Effects of Catastrophic Ecosystem Disturbance: The Residual Mammals at Mount St. Helens. <i>Journal of Mammalogy</i> , 1985, 66, 581-589.	0.6	17
25	Nutritional ecology of a fossorial herbivore: protein N and energy value of winter caches made by the northern pocket gopher, <i>Thomomys talpoides</i> . <i>Canadian Journal of Zoology</i> , 1985, 63, 1101-1105.	0.4	17
26	Characterizing flow regimes for floodplain forest conservation: an assessment of factors affecting sapling growth and survivorship on three cold desert rivers. <i>Canadian Journal of Forest Research</i> , 2005, 35, 2886-2899.	0.8	17
27	Wood decay in desert riverine environments. <i>Forest Ecology and Management</i> , 2016, 365, 83-95.	1.4	17
28	Effects of Cottonwood Leaf Beetle <i>Chrysomela scripta</i> (Coleoptera: Chrysomelidae) on Survival and Growth of Fremont Cottonwood ( <i>Populus fremontii</i> ) in Northwest Colorado. <i>American Midland Naturalist</i> , 2002, 147, 189-203.	0.2	16
29	Flood flows, leaf breakdown, and plant-available nitrogen on a dryland river floodplain. <i>Wetlands</i> , 2003, 23, 180-189.	0.7	15
30	EFFECTS OF RIVER FLOW REGIME ON COTTONWOOD LEAF LITTER DYNAMICS IN SEMI-ARID NORTHWESTERN COLORADO. <i>Southwestern Naturalist</i> , 2003, 48, 188-201.	0.1	15
31	The influence of river regulation and land use on floodplain forest regeneration in the semi-arid upper Colorado River Basin, USA. <i>River Research and Applications</i> , 2007, 23, 565-577.	0.7	11
32	Subalpine forests. <i>Progress in Physical Geography</i> , 1982, 6, 368-425.	1.4	10
33	Can Nitrogen Fertilization Aid Restoration of Mature Tree Productivity in Degraded Dryland Riverine Ecosystems?. <i>Restoration Ecology</i> , 2014, 22, 582-589.	1.4	9
34	Climate, streamflow, and legacy effects on growth of riparian <i>Populus angustifolia</i> in the arid San Luis Valley, Colorado. <i>Journal of Arid Environments</i> , 2016, 134, 104-121.	1.2	9
35	Vegetation characteristics and butterfly use of unlined and PVC-lined reaches of an irrigation delivery canal, Government Highline Canal, Colorado, U.S.A.. <i>Journal of Arid Environments</i> , 1997, 35, 747-764.	1.2	8
36	A spatially-explicit model of search path and soil disturbance by a fossorial herbivore. <i>Ecological Modelling</i> , 1996, 89, 99-108.	1.2	7

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37	Caloric Content of Rocky Mountain Subalpine and Alpine Plants. <i>Journal of Range Management</i> , 1976, 29, 344.	0.3	6
38	VARIABLE ROLE OF AQUATIC MACROINVERTEBRATES IN INITIAL BREAKDOWN OF SEASONAL LEAF LITTER INPUTS TO A COLD-DESERT RIVER. <i>Southwestern Naturalist</i> , 2007, 52, 219-228.	0.1	5
39	Flow regime effects on mature <i>Populus fremontii</i> (Fremont cottonwood) productivity on two contrasting dryland river floodplains. <i>Southwestern Naturalist</i> , 2016, 61, 8-17.	0.1	4
40	Aboveground Productivity and Floristic Structure of a High Subalpine Herbaceous Meadow. <i>Arctic and Alpine Research</i> , 1979, 11, 467.	1.3	3
41	Factors controlling the establishment of Fremont cottonwood seedlings on the Upper Green River, USA. , 1999, 15, 419.		3
42	Tree Mortality in Mature Riparian Forest: Implications for Fremont Cottonwood Conservation in the American Southwest. <i>Western North American Naturalist</i> , 2015, 75, 157-169.	0.2	2
43	Flood effects on soil thermal regimes in contrasting cold-desert river floodplains (Yampa and Green) Tj ETQq1 1 0,784314 rgBT /Over 1.1 2	1.1	2
44	Effects of soil temperature and depth to ground water on first-year growth of a dryland riparian phreatophyte, <i>Glycyrrhiza lepidota</i> (American licorice). <i>Southwestern Naturalist</i> , 2014, 59, 56-65.	0.1	1
45	Understanding Landscapes. <i>Ecology</i> , 1991, 72, 1523-1524.	1.5	0