

John A Dearing

List of Publications by Year in descending order

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Version: 2024-02-01

115
papers

8,491
citations

57681

46
h-index

53065

89
g-index

118
all docs

118
docs citations

118
times ranked

10510
citing authors

#	ARTICLE	IF	CITATIONS
1	Stability of chironomid community structure during historic climatic and environmental change in subarctic Alaska. <i>Limnology and Oceanography</i> , 2022, 67, .	1.6	5
2	Critical Transitions in Lake Ecosystem State May Be Driven by Coupled Feedback Mechanisms: A Case Study from Lake Erhai, China. <i>Water (Switzerland)</i> , 2022, 14, 85.	1.2	5
3	Reconstruction of Ecological Transitions in a Temperate Shallow Lake of the Middle Yangtze River Basin in the Last Century. <i>Water (Switzerland)</i> , 2022, 14, 1136.	1.2	2
4	Late Quaternary chironomid community structure shaped by rate and magnitude of climate change. <i>Journal of Quaternary Science</i> , 2021, 36, 360-376.	1.1	7
5	Climate researchers: consider standing for office â€” I did. <i>Nature</i> , 2021, 600, 37-37.	13.7	0
6	Palaeoenvironmental determination of biogeochemistry and ecological response in an estuarine marine protected area. , 2020, , 667-683.		0
7	Regime shifts occur disproportionately faster in larger ecosystems. <i>Nature Communications</i> , 2020, 11, 1175.	5.8	49
8	Participatory modelling for conceptualizing social-ecological system dynamics in the Bangladesh delta. <i>Regional Environmental Change</i> , 2020, 20, 1.	1.4	30
9	Metrics of structural change as indicators of chironomid community stability in high latitude lakes. <i>Quaternary Science Reviews</i> , 2020, 249, 106594.	1.4	13
10	Network parameters quantify loss of assemblage structure in humanâ€”impacted lake ecosystems. <i>Global Change Biology</i> , 2019, 25, 3871-3882.	4.2	30
11	Who determines the trade-offs between agricultural production and environmental quality? An evolutionary perspective from rural eastern China. <i>International Journal of Agricultural Sustainability</i> , 2019, 17, 347-366.	1.3	7
12	Using lake sediment archives to improve understanding of flood magnitude and frequency: Recent extreme flooding in northwest UK. <i>Earth Surface Processes and Landforms</i> , 2019, 44, 2366-2376.	1.2	22
13	To what extent has sustainable intensification in England been achieved?. <i>Science of the Total Environment</i> , 2019, 648, 1560-1569.	3.9	20
14	Modelling future safe and just operating spaces in regional social-ecological systems. <i>Science of the Total Environment</i> , 2019, 651, 2105-2117.	3.9	30
15	Recent Trends in Ecosystem Services in Coastal Bangladesh. , 2018, , 93-114.		5
16	Unravelling the interrelationships between ecosystem services and human wellbeing in the Bangladesh delta. <i>International Journal of Sustainable Development and World Ecology</i> , 2017, 24, 120-134.	3.2	48
17	Operationalizing safe operating space for regional social-ecological systems. <i>Science of the Total Environment</i> , 2017, 584-585, 673-682.	3.9	48
18	Granulometric and magnetic properties of deposited particles in the Beijing subway and the implications for air quality management. <i>Science of the Total Environment</i> , 2016, 568, 1059-1068.	3.9	15

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19	Evolutionary social and biogeophysical changes in the Amazon, Gangesâ€“Brahmaputraâ€“Meghna and Mekong deltas. Sustainability Science, 2016, 11, 555-574.	2.5	10
20	Plausible and desirable futures in the Anthropocene: A new research agenda. Global Environmental Change, 2016, 39, 351-362.	3.6	389
21	Early warning of critical transitions in biodiversity from compositional disorder. Ecology, 2016, 97, 3079-3090.	1.5	43
22	Population dynamics, delta vulnerability and environmental change: comparison of the Mekong, Gangesâ€“Brahmaputra and Amazon delta regions. Sustainability Science, 2016, 11, 539-554.	2.5	93
23	Catalyzing action towards the sustainability of deltas. Current Opinion in Environmental Sustainability, 2016, 19, 182-194.	3.1	37
24	Extravagance in the commons: Resource exploitation and the frontiers of ecosystem service depletion in the Amazon estuary. Science of the Total Environment, 2016, 550, 6-16.	3.9	17
25	China's Degraded Environment Enters A New Normal. Trends in Ecology and Evolution, 2016, 31, 175-177.	4.2	33
26	Methods and approaches to modelling the Anthropocene. Global Environmental Change, 2016, 39, 328-340.	3.6	235
27	Recent trends of human wellbeing in the Bangladesh delta. Environmental Development, 2016, 17, 21-32.	1.8	18
28	Recent changes in ecosystem services and human well-being in the Bangladesh coastal zone. Regional Environmental Change, 2016, 16, 429-443.	1.4	128
29	Remote sensing of ecosystem services: A systematic review. Ecological Indicators, 2015, 52, 430-443.	2.6	229
30	Poverty alleviation strategies in eastern China lead to critical ecological dynamics. Science of the Total Environment, 2015, 506-507, 164-181.	3.9	78
31	Social-ecological systems in the Anthropocene: The need for integrating social and biophysical records at regional scales. Infrastructure Asset Management, 2015, 2, 220-246.	1.2	65
32	Integrating ecosystem services and climate change responses in coastal wetlands development plans for Bangladesh. Mitigation and Adaptation Strategies for Global Change, 2015, 20, 241-261.	1.0	45
33	<i>The Anthropocene Review</i>: Its significance, implications and the rationale for a new transdisciplinary journal. Infrastructure Asset Management, 2014, 1, 3-7.	1.2	65
34	Looking forward through the past: identification of 50 priority research questions in palaeoecology. Journal of Ecology, 2014, 102, 256-267.	1.9	212
35	Working together to address global problems: Royal Geographical Society (with IBC) Medals and Awards ceremony 2014. Geographical Journal, 2014, 180, 281-288.	1.6	0
36	Shifting perspectives on coastal impacts and adaptation. Nature Climate Change, 2014, 4, 752-755.	8.1	97

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37	Safe and just operating spaces for regional social-ecological systems. <i>Global Environmental Change</i> , 2014, 28, 227-238.	3.6	311
38	Why Future Earth needs lake sediment studies. <i>Journal of Paleolimnology</i> , 2013, 49, 537-545.	0.8	28
39	Detecting climatic signals in an anthropogenically disturbed catchment: The late-Holocene record from the Petit Lac d'Annecy, French Alps. <i>Holocene</i> , 2013, 23, 1329-1339.	0.9	7
40	Wang et al. reply. <i>Nature</i> , 2013, 498, E12-E13.	13.7	2
41	Extending the timescale and range of ecosystem services through paleoenvironmental analyses, exemplified in the lower Yangtze basin. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, E1111-20.	3.3	163
42	Flickering gives early warning signals of a critical transition to a eutrophic lake state. <i>Nature</i> , 2012, 492, 419-422.	13.7	440
43	Planetary Stewardship in an Urbanizing World: Beyond City Limits. <i>Ambio</i> , 2012, 41, 787-794.	2.8	189
44	Developing an Integrated History and future of People on Earth (IHOPE). <i>Current Opinion in Environmental Sustainability</i> , 2012, 4, 106-114.	3.1	59
45	Navigating the Perfect Storm: Research Strategies for Socioecological Systems in a Rapidly Evolving World. <i>Environmental Management</i> , 2012, 49, 767-775.	1.2	47
46	Modelling prehistoric land use and carbon budgets. <i>Holocene</i> , 2011, 21, 715-722.	0.9	37
47	Toward an Integrated History to Guide the Future. <i>Ecology and Society</i> , 2011, 16, .	1.0	58
48	An inter-continental comparison between the environmental histories of two lake catchment systems in montane environments of France and South West China. <i>Water History</i> , 2011, 3, 95-120.	0.5	2
49	Editorial: Integrative paleoscience for sustainable management. <i>PAGES News</i> , 2011, 19, 43-43.	0.1	8
50	Complex Land Systems: the Need for Long Time Perspectives to Assess their Future. <i>Ecology and Society</i> , 2010, 15, .	1.0	135
51	Testing competing hypotheses for soil magnetic susceptibility using a new chemical kinetic model. <i>Geology</i> , 2010, 38, 1059-1062.	2.0	30
52	Testing a cellular modelling approach to simulating late-Holocene sediment and water transfer from catchment to lake in the French Alps since 1826. <i>Holocene</i> , 2009, 19, 785-798.	0.9	41
53	Controlling factors for the spatial variability of soil magnetic susceptibility across England and Wales. <i>Earth-Science Reviews</i> , 2009, 95, 158-188.	4.0	133
54	The recent history of hydro-geomorphological processes in the upper Hangbu river system, Anhui Province, China. <i>Geomorphology</i> , 2009, 106, 363-375.	1.1	15

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55	Population, Land Use and Environmental Impacts in Shucheng County, Anhui Province, China during the Ming and Qing Dynasties. <i>Environment and History</i> , 2009, 15, 61-78.	0.1	7
56	Using multiple archives to understand past and present climateâ€“humanâ€“environment interactions: the lake Erhai catchment, Yunnan Province, China. <i>Journal of Paleolimnology</i> , 2008, 40, 3-31.	0.8	163
57	Human impact on terrestrial ecosystems, pollen calibration and quantitative reconstruction of past land-cover. <i>Vegetation History and Archaeobotany</i> , 2008, 17, 415-418.	1.0	43
58	Magnetic susceptibility of Late Weichselian deposits in southeastern Sweden. <i>Boreas</i> , 2008, 11, 99-111.	1.2	29
59	Mapping soil magnetic properties in Bosnia and Herzegovina for landmine clearance operations. <i>Earth and Planetary Science Letters</i> , 2008, 274, 285-294.	1.8	37
60	Landscape change and resilience theory: a palaeoenvironmental assessment from Yunnan, SW China. <i>Holocene</i> , 2008, 18, 117-127.	0.9	113
61	Catchment hydro-geomorphological responses to environmental change in the Southern Uplands of Scotland. <i>Holocene</i> , 2008, 18, 935-950.	0.9	32
62	Frank Oldfield and his contributions to environmental change research. <i>Holocene</i> , 2008, 18, 3-17.	0.9	1
63	Holocene environmental reconstruction of sediment-source linkages at Crummock Water, English Lake District, based on magnetic measurements. <i>Holocene</i> , 2008, 18, 129-140.	0.9	23
64	Shadow Spaces for Social Learning: A Relational Understanding of Adaptive Capacity to Climate Change within Organisations. <i>Environment and Planning A</i> , 2008, 40, 867-884.	2.1	333
65	Sustainability or Collapse: What Can We Learn from Integrating the History of Humans and the Rest of Nature?. <i>Ambio</i> , 2007, 36, 522-527.	2.8	253
66	Optical dating of Holocene lake sediments: Elimination of the feldspar component in fine silt quartz samples. <i>Quaternary Geochronology</i> , 2007, 2, 150-154.	0.6	14
67	Past Human-Climate-Ecosystem Interactions (PHAROS). <i>PAGES News</i> , 2007, 15, 8-10.	0.3	2
68	Linking palaeoenvironmental data and models to understand the past and to predict the future. <i>Trends in Ecology and Evolution</i> , 2006, 21, 696-704.	4.2	116
69	Climate-human-environment interactions: resolving our past. <i>Climate of the Past</i> , 2006, 2, 187-203.	1.3	98
70	Modeling soil magnetic susceptibility and frequency-dependent susceptibility to aid landmine clearance.. , 2006, , .		2
71	Humanâ€“environment interactions: learning from the past. <i>Regional Environmental Change</i> , 2006, 6, 1-16.	1.4	143
72	Humanâ€“environment interactions: towards synthesis and simulation. <i>Regional Environmental Change</i> , 2006, 6, 115-123.	1.4	60

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73	The Holocene vegetation history of Lake Erhai, Yunnan province southwestern China: the role of climate and human forcings. <i>Holocene</i> , 2006, 16, 265-276.	0.9	153
74	Human Impact on the Environment in the Annecy Petit Lac Catchment, Haute-Savoie: A Documentary Approach. <i>Environment and History</i> , 2004, 10, 247-284.	0.1	14
75	Meteorological and land use controls on past and present hydro-geomorphic processes in the pre-alpine environment: an integrated lake-catchment study at the Petit Lac d'Annecy, France. <i>Hydrological Processes</i> , 2003, 17, 3287-3305.	1.1	36
76	Coupling temporal and spatial dimensions of global sediment flux through lake and marine sediment records. <i>Global and Planetary Change</i> , 2003, 39, 147-168.	1.6	256
77	Forestry and Flooding in the Annecy Petit Lac Catchment, Haute-Savoie 1730-2000. <i>Environment and History</i> , 2002, 8, 403-428.	0.1	8
78	Title is missing!. <i>Journal of Paleolimnology</i> , 2002, 28, 79-93.	0.8	14
79	The sediment record of the past 200 years in a Swiss high-alpine lake: Hagelseewli (2339 m a.s.l.). <i>Journal of Paleolimnology</i> , 2002, 28, 111-127.	0.8	41
80	Lake Jezero v Ledvici (NW Slovenia) " changes in sediment records over the last two centuries. <i>Journal of Paleolimnology</i> , 2002, 28, 47-58.	0.8	17
81	Title is missing!. <i>Journal of Paleolimnology</i> , 2002, 28, 59-77.	0.8	65
82	Association between magnetic properties and element concentrations of Liverpool street dust and its implications. <i>Journal of Applied Geophysics</i> , 2001, 48, 83-92.	0.9	61
83	Magnetic, geochemical and DNA properties of highly magnetic soils in England. <i>Geophysical Journal International</i> , 2001, 144, 183-196.	1.0	45
84	Title is missing!. <i>Journal of Paleolimnology</i> , 2001, 25, 245-258.	0.8	63
85	Determining the sources of atmospheric particles in Shanghai, China, from magnetic and geochemical properties. <i>Atmospheric Environment</i> , 2001, 35, 2615-2625.	1.9	146
86	The organic matter content of street dust in Liverpool, UK, and its association with dust magnetic properties. <i>Atmospheric Environment</i> , 2000, 34, 269-275.	1.9	86
87	Use of Rubidium to Date Loess and Paleosols of the Louchan Sequence, Central China. <i>Quaternary Research</i> , 2000, 54, 198-205.	1.0	9
88	Eight hundred years of environmental changes in a high Alpine lake (GossenkÄllesee, Tyrol) inferred from sediment records. <i>Journal of Limnology</i> , 2000, 59, 43.	0.3	25
89	Magnetic Properties of Daily Sampled Total Suspended Particulates in Shanghai. <i>Environmental Science & Technology</i> , 2000, 34, 2393-2400.	4.6	54
90	System dynamics and environmental change: an exploratory study of Holocene lake sediments at Holzmaar, Germany. <i>Holocene</i> , 1999, 9, 531-540.	0.9	43

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91	A partial susceptibility approach to analysing the magnetic properties of environmental materials: a case study. <i>Geophysical Journal International</i> , 1999, 138, 851-856.	1.0	12
92	Association between the organic matter content and magnetic properties in street dust, Liverpool, UK. <i>Science of the Total Environment</i> , 1999, 241, 205-214.	3.9	49
93	Comment on "Identifying Fly Ash at a Distance from Fossil Fuel Power Stations": <i>Environmental Science & Technology</i> , 1999, 33, 4140-4140.	4.6	3
94	Magnetic properties of recent sediments in Lake Baikal, Siberia. <i>Journal of Paleolimnology</i> , 1998, 20, 163-173.	0.8	19
95	Land-use history and sediment flux in a lowland lake catchment: Groby Pool, Leicestershire, UK. <i>Holocene</i> , 1998, 8, 383-394.	0.9	17
96	Secondary ferrimagnetic minerals in Welsh soils: a comparison of mineral magnetic detection methods and implications for mineral formation. <i>Geophysical Journal International</i> , 1997, 130, 727-736.	1.0	206
97	Sedimentary indicators of lake-level changes in the humid temperate zone: a critical review. <i>Journal of Paleolimnology</i> , 1997, 18, 1-14.	0.8	135
98	A Late Quaternary magnetic record of Tunisian Loess and its climatic significance. <i>Geophysical Research Letters</i> , 1996, 23, 189-192.	1.5	28
99	Magnetic susceptibility of soil: an evaluation of conflicting theories using a national data set. <i>Geophysical Journal International</i> , 1996, 127, 728-734.	1.0	364
100	Frequency-dependent susceptibility measurements of environmental materials. <i>Geophysical Journal International</i> , 1996, 124, 228-240.	1.0	621
101	Sedimentary records of recent environmental change in Lake Baikal, Siberia. <i>Holocene</i> , 1995, 5, 323-327.	0.9	28
102	Mineral magnetic properties of acid gleyed soils under oak and Corsican Pine. <i>Geoderma</i> , 1995, 68, 309-319.	2.3	40
103	Holocene book reviews: Global climate change and freshwater ecosystems Edited by P. Firth and S.G. Fisher, New York: Springer-Verlag, 1992, 321 pp., DM 118, hardback. ISBN 0-387-97640-X. <i>Holocene</i> , 1994, 4, 219-220.	0.9	0
104	Sediment yields and sources in a welsh upland lake-catchment during the past 800 years. <i>Earth Surface Processes and Landforms</i> , 1992, 17, 1-22.	1.2	62
105	A late Holocene record of land-use history, soil erosion, lake trophy and lake-level fluctuations at Björnsjö (south Sweden). <i>Journal of Paleolimnology</i> , 1991, 6, 51.	0.8	66
106	Paired lake catchment studies: a framework for investigating chemical fluxes in small drainage basins. <i>Applied Geography</i> , 1987, 7, 115-133.	1.7	19
107	Lake-catchments and environmental chemistry: a comparative study of contemporary and historical catchment processes in midland England. <i>Geo Journal</i> , 1987, 14, 285.	1.7	6
108	Tracing movements of topsoil by magnetic measurements: two case studies. <i>Physics of the Earth and Planetary Interiors</i> , 1986, 42, 93-104.	0.7	75

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109	Historical trends in catchment sediment yields: a case study in reconstruction from lake-sediment records in Warwickshire, UK. <i>Hydrological Sciences Journal</i> , 1986, 31, 427-443.	1.2	34
110	Magnetic studies of erosion in a Scottish lake catchment. 1. Core chronology and correlation1. <i>Limnology and Oceanography</i> , 1985, 30, 1144-1153.	1.6	14
111	Lake catchment based studies of erosion and denudation in the merevale catchment, Warwickshire, U.K.. <i>Earth Surface Processes and Landforms</i> , 1985, 10, 45-68.	1.2	74
112	New Approaches to Recent Environmental Change. <i>Geographical Journal</i> , 1983, 149, 167.	1.6	16
113	The magnetic susceptibility of sedimenting material trapped in Lough Neagh, Northern Ireland, and its erosional significance1. <i>Limnology and Oceanography</i> , 1982, 27, 969-975.	1.6	40
114	Recent Sediment Flux and Erosional Processes in a Welsh Upland Lake-Catchment Based on Magnetic Susceptibility Measurements. <i>Quaternary Research</i> , 1981, 16, 356-372.	1.0	118
115	Approaches to Understanding Long-term Human-Environment Interactions: Past, Present and Future. , 0, , 134-162.		1