

Line J Gordon

List of Publications by Year in descending order

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Version: 2024-02-01

73
papers

15,546
citations

76196

40
h-index

133063

59
g-index

81
all docs

81
docs citations

81
times ranked

18100
citing authors

#	ARTICLE	IF	CITATIONS
1	Food in the Anthropocene: the EAT–Lancet Commission on healthy diets from sustainable food systems. <i>Lancet</i> , The, 2019, 393, 447-492.	6.3	5,421
2	Options for keeping the food system within environmental limits. <i>Nature</i> , 2018, 562, 519-525.	13.7	1,709
3	Understanding relationships among multiple ecosystem services. <i>Ecology Letters</i> , 2009, 12, 1394-1404.	3.0	1,707
4	The Anthropocene: From Global Change to Planetary Stewardship. <i>Ambio</i> , 2011, 40, 739-761.	2.8	1,175
5	Sustainable intensification of agriculture for human prosperity and global sustainability. <i>Ambio</i> , 2017, 46, 4-17.	2.8	653
6	Distilling the role of ecosystem services in the Sustainable Development Goals. <i>Ecosystem Services</i> , 2018, 29, 70-82.	2.3	339
7	Managing water in agriculture for food production and other ecosystem services. <i>Agricultural Water Management</i> , 2010, 97, 512-519.	2.4	317
8	Agricultural modifications of hydrological flows create ecological surprises. <i>Trends in Ecology and Evolution</i> , 2008, 23, 211-219.	4.2	308
9	Human modification of global water vapor flows from the land surface. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 7612-7617.	3.3	299
10	Our future in the Anthropocene biosphere. <i>Ambio</i> , 2021, 50, 834-869.	2.8	275
11	The unfolding water drama in the Anthropocene: towards a resilience-based perspective on water for global sustainability. <i>Ecohydrology</i> , 2014, 7, 1249-1261.	1.1	197
12	Transnational corporations and the challenge of biosphere stewardship. <i>Nature Ecology and Evolution</i> , 2019, 3, 1396-1403.	3.4	194
13	Mapping ecosystem services across scales and continents – A review. <i>Ecosystem Services</i> , 2015, 13, 57-63.	2.3	163
14	Greening the global water system. <i>Journal of Hydrology</i> , 2010, 384, 177-186.	2.3	162
15	Analyzing precipitation sheds to understand the vulnerability of rainfall dependent regions. <i>Biogeosciences</i> , 2012, 9, 733-746.	1.3	135
16	Linkages Among Water Vapor Flows, Food Production, and Terrestrial Ecosystem Services. <i>Ecology and Society</i> , 1999, 3, .	0.9	124
17	Rewiring food systems to enhance human health and biosphere stewardship. <i>Environmental Research Letters</i> , 2017, 12, 100201.	2.2	112
18	Integrating resilience thinking and optimisation for conservation. <i>Trends in Ecology and Evolution</i> , 2009, 24, 549-554.	4.2	110

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19	Global root zone storage capacity from satellite-based evaporation. <i>Hydrology and Earth System Sciences</i> , 2016, 20, 1459-1481.	1.9	107
20	A watershed approach to upgrade rainfed agriculture in water scarce regions through Water System Innovations: an integrated research initiative on water for food and rural livelihoods in balance with ecosystem functions. <i>Physics and Chemistry of the Earth</i> , 2004, 29, 1109-1118.	1.2	104
21	Contrasting roles of interception and transpiration in the hydrological cycle – Part 1: Temporal characteristics over land. <i>Earth System Dynamics</i> , 2014, 5, 441-469.	2.7	104
22	The Water Planetary Boundary: Interrogation and Revision. <i>One Earth</i> , 2020, 2, 223-234.	3.6	98
23	Revealing Invisible Water: Moisture Recycling as an Ecosystem Service. <i>PLoS ONE</i> , 2016, 11, e0151993.	1.1	97
24	Dealing with drought: The challenge of using water system technologies to break dryland poverty traps. <i>Global Environmental Change</i> , 2008, 18, 607-616.	3.6	93
25	Agricultural ecosystems and their services: the vanguard of sustainability?. <i>Current Opinion in Environmental Sustainability</i> , 2016, 23, 92-99.	3.1	88
26	Illuminating water cycle modifications and Earth system resilience in the Anthropocene. <i>Water Resources Research</i> , 2020, 56, e2019WR024957.	1.7	86
27	Variability of moisture recycling using a precipitationshed framework. <i>Hydrology and Earth System Sciences</i> , 2014, 18, 3937-3950.	1.9	79
28	Remote land use impacts on river flows through atmospheric teleconnections. <i>Hydrology and Earth System Sciences</i> , 2018, 22, 4311-4328.	1.9	79
29	The Great Green Wall for the Sahara and the Sahel Initiative as an opportunity to enhance resilience in Sahelian landscapes and livelihoods. <i>Regional Environmental Change</i> , 2019, 19, 1417-1428.	1.4	76
30	Making Investments in Dryland Development Work: Participatory Scenario Planning in the Makanya Catchment, Tanzania. <i>Ecology and Society</i> , 2008, 13, .	1.0	75
31	Ecosystem services from woody vegetation on agricultural lands in Sudano-Sahelian West Africa. <i>Agriculture, Ecosystems and Environment</i> , 2015, 200, 186-199.	2.5	74
32	Analysing resilience in dryland agro-ecosystems: a case study of the Makanya catchment in Tanzania over the past 50 years. <i>Land Degradation and Development</i> , 2007, 18, 680-696.	1.8	72
33	Integrating the Water Planetary Boundary With Water Management From Local to Global Scales. <i>Earth's Future</i> , 2020, 8, e2019EF001377.	2.4	65
34	Approaching moisture recycling governance. <i>Global Environmental Change</i> , 2017, 45, 15-23.	3.6	62
35	How spatial scale shapes the generation and management of multiple ecosystem services. <i>Ecosphere</i> , 2017, 8, e01741.	1.0	60
36	Land cover change and water vapour flows: learning from Australia. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2003, 358, 1973-1984.	1.8	55

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37	Assessment of ecosystem services and benefits in village landscapes – A case study from Burkina Faso. <i>Ecosystem Services</i> , 2016, 21, 141-152.	2.3	53
38	Linking Freshwater Flows and Ecosystem Services Appropriated by People: The Case of the Baltic Sea Drainage Basin. <i>Ecosystems</i> , 1999, 2, 351-366.	1.6	51
39	Using Participatory Scenario Planning to Identify Ecosystem Services in Changing Landscapes. <i>Ecology and Society</i> , 2013, 18, .	1.0	50
40	WTO must ban harmful fisheries subsidies. <i>Science</i> , 2021, 374, 544-544.	6.0	45
41	Opportunities and limitations to detect climate-related regime shifts in inland Arctic ecosystems through eco-hydrological monitoring. <i>Environmental Research Letters</i> , 2011, 6, 014015.	2.2	41
42	“Less but better” meat is a sustainability message in need of clarity. <i>Nature Food</i> , 2020, 1, 520-522.	6.2	34
43	Patchwork Earth: navigating pathways to just, thriving, and sustainable futures. <i>One Earth</i> , 2021, 4, 172-176.	3.6	29
44	Megacity precipitation sheds reveal tele-connected water security challenges. <i>PLoS ONE</i> , 2018, 13, e0194311.	1.1	27
45	Invisible water security: Moisture recycling and water resilience. <i>Water Security</i> , 2019, 8, 100046.	1.2	26
46	Using local initiatives to envision sustainable and resilient food systems in the Stockholm city-region. <i>Global Food Security</i> , 2020, 24, 100334.	4.0	26
47	Mapping social-ecological systems archetypes. <i>Environmental Research Letters</i> , 2020, 15, 034017.	2.2	26
48	Investment in resilient food systems in the most vulnerable and fragile regions is critical. <i>Nature Food</i> , 2021, 2, 546-551.	6.2	26
49	Moving beyond organic – A food system approach to assessing sustainable and resilient farming. <i>Global Food Security</i> , 2021, 28, 100487.	4.0	22
50	Workshop 3 (synthesis): innovative processes in small scale agricultural production using water more effectively. <i>Water Science and Technology</i> , 2001, 43, 129-131.	1.2	20
51	The Covid-19 pandemic stress the need to build resilient production ecosystems. <i>Agriculture and Human Values</i> , 2020, 37, 645-646.	1.7	16
52	Mapping regional livelihood benefits from local ecosystem services assessments in rural Sahel. <i>PLoS ONE</i> , 2018, 13, e0192019.	1.1	14
53	Ecohydrological Landscape Management for Human Well-Being. <i>Water International</i> , 2000, 25, 178-184.	0.4	13
54	Is wetter better? Exploring agriculturally-relevant rainfall characteristics over four decades in the Sahel. <i>Environmental Research Letters</i> , 2021, 16, 035002.	2.2	12

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55	An invitation for more research on transnational corporations and the biosphere. <i>Nature Ecology and Evolution</i> , 2020, 4, 494-494.	3.4	9
56	Principle 3 –“Manage slow variables and feedbacks. , 2015, , 105-141.		8
57	On the other side of the ditch: exploring contrasting ecosystem service coproduction between smallholder and commercial agriculture. <i>Ecology and Society</i> , 2018, 23, .	1.0	8
58	Biomimetics provides lessons from nature for contemporary ways to improve human health. <i>Journal of Clinical and Translational Science</i> , 2021, 5, e128.	0.3	4
59	Workshop 9 (synthesis): how to increase the status of water issues in governance and in public perception. <i>Water Science and Technology</i> , 2002, 45, 229-231.	1.2	1
60	Vegetation improvement and soil biological quality in the Sahel of Burkina Faso. <i>International Journal of Biological and Chemical Sciences</i> , 2016, 10, 1048.	0.1	1
61	Introduction to the book. , 2014, , xvii-xx.		0
62	The role played by water in the biosphere. , 0, , 2-44.		0
63	Human modification of the Earth System. , 0, , 46-67.		0
64	Balancing on a threshold of alternate development paths: regime shift, traps and transformations. , 0, , 68-93.		0
65	Crucial functioning of and human dependence on the global water system. , 0, , 94-140.		0
66	Food production: a mega water challenge. , 0, , 142-171.		0
67	Closing the yield gap in the savannah zone. , 0, , 172-193.		0
68	Water resources and functions for agro-ecological systems at the landscape scale. , 0, , 194-224.		0
69	Pathways to the future. , 0, , 250-276.		0
70	Governance for navigating the novel freshwater dynamics of the Anthropocene. , 0, , 226-249.		0
71	Collaborative Approaches to Biosphere Stewardship. , 2019, , 41-50.		0
72	The Role of Green Water in Sustaining Ecological Functions –“ A Global Assessment. <i>Gaia</i> , 2002, 11, 267-272.	0.3	0

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73	Workshop 9 (synthesis): how to increase the status of water issues in governance and in public perception. <i>Water Science and Technology</i> , 2002, 45, 229-31.	1.2	0