Line J Gordon

List of Publications by Year
in descending order

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	Biomimetics provides lessons from nature for contemporary ways to improve human health. Journal of Clinical and Translational Science, 2021, 5, e128.	0.3	4
2	Is wetter better? Exploring agriculturally-relevant rainfall characteristics over four decades in the Sahel. Environmental Research Letters, 2021, 16, 035002.	2.2	12
3	Patchwork Earth: navigating pathways to just, thriving, and sustainable futures. One Earth, 2021, 4, 172-176.	3.6	29
4	Moving beyond organic â€“ A food system approach to assessing sustainable and resilient farming. Global Food Security, 2021, 28, 100487.	4.0	22
5	Our future in the Anthropocene biosphere. Ambio, 2021, 50, 834-869.	2.8	275
6	Investment in resilient food systems in the most vulnerable and fragile regions is critical. Nature Food, 2021, 2, 546-551.	6.2	26
7	WTO must ban harmful fisheries subsidies. Science, 2021, 374, 544-544.	6.0	45
8	Illuminating water cycle modifications and Earth system resilience in the Anthropocene. Water Resources Research, 2020, 56, e2019WR024957.	1.7	86
9	Using local initiatives to envision sustainable and resilient food systems in the Stockholm city-region. Global Food Security, 2020, 24, 100334.	4.0	26
10	â€˜Less but betterâ€™ meat is a sustainability message in need of clarity. Nature Food, 2020, 1, 520-522.	6.2	34
11	The Water Planetary Boundary: Interrogation and Revision. One Earth, 2020, 2, 223-234.	3.6	98
12	The Covid-19 pandemic stress the need to build resilient production ecosystems. Agriculture and Human Values, 2020, 37, 645-646.	1.7	16
13	Mapping social-ecological systems archetypes. Environmental Research Letters, 2020, 15, 034017.	2.2	26
14	An invitation for more research on transnational corporations and the biosphere. Nature Ecology and Evolution, 2020, 4, 494-494.	3.4	9
15	Integrating the Water Planetary Boundary With Water Management From Local to Global Scales. Earth's Future, 2020, 8, e2019EF001377.	2.4	65
16	Food in the Anthropocene: the EATâ€“Lancet Commission on healthy diets from sustainable food systems. Lancet, The, 2019, 393, 447-492.	6.3	5,421
17	The Great Green Wall for the Sahara and the Sahel Initiative as an opportunity to enhance resilience in Sahelian landscapes and livelihoods. Regional Environmental Change, 2019, 19, 1417-1428.	1.4	76
18	Collaborative Approaches to Biosphere Stewardship. , 2019, , 41-50.		0

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19	Invisible water security: Moisture recycling and water resilience. Water Security, 2019, 8, 100046.	1.2	26
20	Transnational corporations and the challenge of biosphere stewardship. Nature Ecology and Evolution, 2019, 3, 1396-1403.	3.4	194
21	Distilling the role of ecosystem services in the Sustainable Development Goals. Ecosystem Services, 2018, 29, 70-82.	2.3	339
22	On the other side of the ditch: exploring contrasting ecosystem service coproduction between smallholder and commercial agriculture. Ecology and Society, 2018, 23, .	1.0	8
23	Options for keeping the food system within environmental limits. Nature, 2018, 562, 519-525.	13.7	1,709
24	Remote land use impacts on river flows through atmospheric teleconnections. Hydrology and Earth System Sciences, 2018, 22, 4311-4328.	1.9	79
25	Mapping regional livelihood benefits from local ecosystem services assessments in rural Sahel. PLoS ONE, 2018, 13, e0192019.	1.1	14
26	Megacity precipitationsheds reveal tele-connected water security challenges. PLoS ONE, 2018, 13, e0194311.	1.1	27
27	Approaching moisture recycling governance. Global Environmental Change, 2017, 45, 15-23.	3.6	62
28	How spatial scale shapes the generation and management of multiple ecosystem services. Ecosphere, 2017, 8, e01741.	1.0	60
29	Sustainable intensification of agriculture for human prosperity and global sustainability. Ambio, 2017, 46, 4-17.	2.8	653
30	Rewiring food systems to enhance human health and biosphere stewardship. Environmental Research Letters, 2017, 12, 100201.	2.2	112
31	Vegetation improvement and soil biological quality in the Sahel of Burkina Faso. International Journal of Biological and Chemical Sciences, 2016, 10, 1048.	0.1	1
32	Global root zone storage capacity from satellite-based evaporation. Hydrology and Earth System Sciences, 2016, 20, 1459-1481.	1.9	107
33	Agricultural ecosystems and their services: the vanguard of sustainability?. Current Opinion in Environmental Sustainability, 2016, 23, 92-99.	3.1	88
34	Assessment of ecosystem services and benefits in village landscapes â€“ A case study from Burkina Faso. Ecosystem Services, 2016, 21, 141-152.	2.3	53
35	Revealing Invisible Water: Moisture Recycling as an Ecosystem Service. PLoS ONE, 2016, 11, e0151993.	1.1	97
36	Principle 3 â€“Manage slow variables and feedbacks. , 2015, , 105-141.		8

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37	Mapping ecosystem services across scales and continents â€“ A review. Ecosystem Services, 2015, 13, 57-63.	2.3	163
38	Ecosystem services from woody vegetation on agricultural lands in Sudano-Sahelian West Africa. Agriculture, Ecosystems and Environment, 2015, 200, 186-199.	2.5	74
39	Introduction to the book. , 2014, , xvii-xx.		0
40	Contrasting roles of interception and transpiration in the hydrological cycle â€“ Part 1: Temporal characteristics over land. Earth System Dynamics, 2014, 5, 441-469.	2.7	104
41	Variability of moisture recycling using a precipitationshed framework. Hydrology and Earth System Sciences, 2014, 18, 3937-3950.	1.9	79
42	The unfolding water drama in the Anthropocene: towards a resilienceâ€based perspective on water for global sustainability. Ecohydrology, 2014, 7, 1249-1261.	1.1	197
43	Using Participatory Scenario Planning to Identify Ecosystem Services in Changing Landscapes. Ecology and Society, 2013, 18, .	1.0	50
44	Analyzing precipitationsheds to understand the vulnerability of rainfall dependent regions. Biogeosciences, 2012, 9, 733-746.	1.3	135
45	The Anthropocene: From Global Change to Planetary Stewardship. Ambio, 2011, 40, 739-761.	2.8	1,175
46	Opportunities and limitations to detect climate-related regime shifts in inland Arctic ecosystems through eco-hydrological monitoring. Environmental Research Letters, 2011, 6, 014015.	2.2	41
47	Greening the global water system. Journal of Hydrology, 2010, 384, 177-186.	2.3	162
48	Managing water in agriculture for food production and other ecosystem services. Agricultural Water Management, 2010, 97, 512-519.	2.4	317
49	Understanding relationships among multiple ecosystem services. Ecology Letters, 2009, 12, 1394-1404.	3.0	1,707
50	Integrating resilience thinking and optimisation for conservation. Trends in Ecology and Evolution, 2009, 24, 549-554.	4.2	110
51	Agricultural modifications of hydrological flows create ecological surprises. Trends in Ecology and Evolution, 2008, 23, 211-219.	4.2	308
52	Dealing with drought: The challenge of using water system technologies to break dryland poverty traps. Global Environmental Change, 2008, 18, 607-616.	3.6	93
53	Making Investments in Dryland Development Work: Participatory Scenario Planning in the Makanya Catchment, Tanzania. Ecology and Society, 2008, 13, .	1.0	75
54	Analysing resilience in dryland agro-ecosystems: a case study of the Makanya catchment in Tanzania over the past 50 years. Land Degradation and Development, 2007, 18, 680-696.	1.8	72

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55	Human modification of global water vapor flows from the land surface. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 7612-7617.	3.3	299
56	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. Physics and Chemistry of the Earth, 2004, 29, 1109-1118.	1.2	104
57	Land cover change and water vapour flows: learning from Australia. Philosophical Transactions of the Royal Society B: Biological Sciences, 2003, 358, 1973-1984.	1.8	55
58	Workshop 9 (synthesis): how to increase the status of water issues in governance and in public perception. Water Science and Technology, 2002, 45, 229-231.	1.2	1
59	The Role of Green Water in Sustaining Ecological Functions â€“ A Global Assessment. Gaia, 2002, 11, 267-272.	0.3	0
60	Workshop 9 (synthesis): how to increase the status of water issues in governance and in public perception. Water Science and Technology, 2002, 45, 229-31.	1.2	0
61	Workshop 3 (synthesis): innovative processes in small scale agricultural production using water more effectively. Water Science and Technology, 2001, 43, 129-131.	1.2	20
62	Ecohydrological Landscape Management for Human Well-Being. Water International, 2000, 25, 178-184.	0.4	13
63	Linking Freshwater Flows and Ecosystem Services Appropriated by People: The Case of the Baltic Sea Drainage Basin. Ecosystems, 1999, 2, 351-366.	1.6	51
64	Linkages Among Water Vapor Flows, Food Production, and Terrestrial Ecosystem Services. Ecology and Society, 1999, 3, .	0.9	124
65	The role played by water in the biosphere. , 0, , 2-44.		0
66	Human modification of the Earth System. , 0, , 46-67.		0
67	Balancing on a threshold of alternate development paths: regime shift, traps and transformations. , 0, , 68-93.		0
68	Crucial functioning of and human dependence on the global water system. , 0, , 94-140.		0
69	Food production: a mega water challenge. , 0, , 142-171.		0
70	Closing the yield gap in the savannah zone. , 0, , 172-193.		0
71	Water resources and functions for agro-ecological systems at the landscape scale. , 0, , 194-224.		0
72	Pathways to the future. , 0, , 250-276.		0

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73	Governance for navigating the novel freshwater dynamics of the Anthropocene. , 0, , 226-249.		0