

Rosamond L Naylor

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2998621/publications.pdf>

Version: 2024-02-01

97
papers

27,483
citations

36303

51
h-index

38395

95
g-index

102
all docs

102
docs citations

102
times ranked

31089
citing authors

#	ARTICLE	IF	CITATIONS
1	Mapping Sugarcane in Central India with Smartphone Crowdsourcing. <i>Remote Sensing</i> , 2022, 14, 703.	4.0	9
2	The vital roles of blue foods in the global food system. <i>Global Food Security</i> , 2022, 33, 100637.	8.1	37
3	Using Conditional Cash Payments to Prevent Land-Clearing Fires: Cautionary Findings from Indonesia. <i>Agriculture (Switzerland)</i> , 2022, 12, 1040.	3.1	1
4	Articulating the effect of food systems innovation on the Sustainable Development Goals. <i>Lancet Planetary Health</i> , The, 2021, 5, e50-e62.	11.4	135
5	Susan Lynn Williams: the Life of an Exceptional Scholar, Leader, and Friend (1951â€“2018). <i>Estuaries and Coasts</i> , 2021, 44, 304-311.	2.2	1
6	A 20-year retrospective review of global aquaculture. <i>Nature</i> , 2021, 591, 551-563.	27.8	871
7	Harnessing the diversity of small-scale actors is key to the future of aquatic food systems. <i>Nature Food</i> , 2021, 2, 733-741.	14.0	74
8	Compound climate risks threaten aquatic food system benefits. <i>Nature Food</i> , 2021, 2, 673-682.	14.0	48
9	Blue food demand across geographic and temporal scales. <i>Nature Communications</i> , 2021, 12, 5413.	12.8	110
10	Causes of Indonesiaâ€™s forest fires. <i>World Development</i> , 2020, 127, 104717.	4.9	45
11	The future of food from the sea. <i>Nature</i> , 2020, 588, 95-100.	27.8	403
12	Innovation can accelerate the transition towards a sustainable food system. <i>Nature Food</i> , 2020, 1, 266-272.	14.0	285
13	Social dimensions of fertility behavior and consumption patterns in the Anthropocene. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 6300-6307.	7.1	33
14	Large scale tropical deforestation drives extreme warming. <i>Environmental Research Letters</i> , 2020, 15, 084012.	5.2	51
15	The impact of a Solar Market Garden programme on dietary diversity, womenâ€™s nutritional status and micronutrient levels in Kalaâ€™ district of northern Benin. <i>Public Health Nutrition</i> , 2019, 22, 2670-2681.	2.2	10
16	Decentralization and the environment: Assessing smallholder oil palm development in Indonesia. <i>Ambio</i> , 2019, 48, 1195-1208.	5.5	32
17	The rise in global biodiesel production: Implications for food security. <i>Global Food Security</i> , 2018, 16, 75-84.	8.1	63
18	The Elusive Goal of Global Food Security. <i>Current History</i> , 2018, 117, 3-9.	0.7	2

#	ARTICLE	IF	CITATIONS
19	Model vs. experiment to predict crop lossesâ€™Response. <i>Science</i> , 2018, 362, 1122-1123.	12.6	0
20	Increase in crop losses to insect pests in a warming climate. <i>Science</i> , 2018, 361, 916-919.	12.6	764
21	The effects of intensive aquaculture on nutrient residence time and transport in a coastal embayment. <i>Environmental Fluid Mechanics</i> , 2018, 18, 1321-1349.	1.6	23
22	Future warming increases probability of globally synchronized maize production shocks. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 6644-6649.	7.1	301
23	Opportunity for marine fisheries reform in China. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 435-442.	7.1	131
24	Prevalence of anaemia, deficiencies of iron and vitamin A and their determinants in rural women and young children: a cross-sectional study in KalalÃ© district of northern Benin. <i>Public Health Nutrition</i> , 2017, 20, 1203-1213.	2.2	42
25	The political economy of biodiesel in an era of low oil prices. <i>Renewable and Sustainable Energy Reviews</i> , 2017, 77, 695-705.	16.4	110
26	Association Between Womenâ€™s Empowerment and Maternal and Child Nutrition in KalalÃ© District of Northern Benin. <i>Food and Nutrition Bulletin</i> , 2017, 38, 302-318.	1.4	55
27	Oil palm expansion in Cameroon: Insights into sustainability opportunities and challenges in Africa. <i>Global Environmental Change</i> , 2017, 47, 190-200.	7.8	44
28	Solar-Powered Drip Irrigation Impacts on Crops Production Diversity and Dietary Diversity in Northern Benin. <i>Food and Nutrition Bulletin</i> , 2016, 37, 164-175.	1.4	41
29	Oil crops, aquaculture, and the rising role of demand: A fresh perspective on food security. <i>Global Food Security</i> , 2016, 11, 17-25.	8.1	26
30	High Time for Conservation: Adding the Environment to the Debate on Marijuana Liberalization. <i>BioScience</i> , 2015, 65, 822-829.	4.9	61
31	China's aquaculture and the world's wild fisheries. <i>Science</i> , 2015, 347, 133-135.	12.6	315
32	Introducing the Scientific Consensus on Maintaining Humanityâ€™s Life Support Systems in the 21st Century: Information for Policy Makers. <i>Infrastructure Asset Management</i> , 2014, 1, 78-109.	1.6	55
33	Does aquaculture add resilience to the global food system?. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 13257-13263.	7.1	468
34	Climate engineering reconsidered. <i>Nature Climate Change</i> , 2014, 4, 527-529.	18.8	63
35	The new economic geography of land use change: Supply chain configurations and land use in the Brazilian Amazon. <i>Land Use Policy</i> , 2013, 34, 265-275.	5.6	109
36	Land institutions and supply chain configurations as determinants of soybean planted area and yields in Brazil. <i>Land Use Policy</i> , 2013, 31, 385-396.	5.6	114

#	ARTICLE	IF	CITATIONS
37	The case for distributed irrigation as a development priority in sub-Saharan Africa. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 12513-12517.	7.1	129
38	Searching for Solutions in Aquaculture: Charting a Sustainable Course. Annual Review of Environment and Resources, 2012, 37, 247-276.	13.4	305
39	Redefining Security Along the Food-Health Nexus: report of a conference and center launch held at Stanford University on November 10, 2011. Food Security, 2012, 4, 147-150.	5.3	2
40	Smallholder Irrigation as a Poverty Alleviation Tool in Sub-Saharan Africa. World Development, 2012, 40, 110-123.	4.9	182
41	Sugar and ethanol production as a rural development strategy in Brazil: Evidence from the state of São Paulo. Agricultural Systems, 2011, 104, 419-428.	6.1	60
42	Numerical modeling of aquaculture dissolved waste transport in a coastal embayment. Environmental Fluid Mechanics, 2011, 11, 329-352.	1.6	27
43	Expanding the boundaries of agricultural development. Food Security, 2011, 3, 233-251.	5.3	53
44	Impacts of El Nino-Southern Oscillation events on China's rice production. Journal of Chinese Geography, 2010, 20, 3-16.	3.9	34
45	Downscaling Indonesian precipitation using large-scale meteorological fields. International Journal of Climatology, 2010, 30, 1706-1722.	3.5	13
46	Agriculture in Brazil: impacts, costs, and opportunities for a sustainable future. Current Opinion in Environmental Sustainability, 2010, 2, 431-438.	6.3	182
47	Food Security in an Era of Economic Volatility. Population and Development Review, 2010, 36, 693-723.	2.1	94
48	Solar-powered drip irrigation enhances food security in the Sudan's Sahel. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 1848-1853.	7.1	179
49	Ecosystem stewardship: sustainability strategies for a rapidly changing planet. Trends in Ecology and Evolution, 2010, 25, 241-249.	8.7	744
50	El Niño's Southern Oscillation Impacts on Rice Production in Luzon, the Philippines. Journal of Applied Meteorology and Climatology, 2009, 48, 1718-1724.	1.5	37
51	Feeding aquaculture in an era of finite resources. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 15103-15110.	7.1	1,111
52	Coping with Climate Risks in Indonesian Rice Agriculture: A Policy Perspective. Profiles in Operations Research, 2009, , 127-153.	0.4	2
53	Historical Warnings of Future Food Insecurity with Unprecedented Seasonal Heat. Science, 2009, 323, 240-244.	12.6	1,406
54	Prioritizing Climate Change Adaptation Needs for Food Security in 2030. Science, 2008, 319, 607-610.	12.6	2,309

#	ARTICLE	IF	CITATIONS
55	Increasing Wildfire in Alaska's Boreal Forest: Pathways to Potential Solutions of a Wicked Problem. <i>BioScience</i> , 2008, 58, 531-540.	4.9	170
56	Assessing risks of climate variability and climate change for Indonesian rice agriculture. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 7752-7757.	7.1	247
57	International Trade in Meat: The Tip of the Pork Chop. <i>Ambio</i> , 2007, 36, 622-629.	5.5	161
58	The Ripple Effect: Biofuels, Food Security, and the Environment. <i>Environment</i> , 2007, 49, 30-43.	1.4	246
59	A case study of land reform and coastal land transformation in southern Sonora, Mexico. <i>Land Use Policy</i> , 2006, 23, 436-447.	5.6	27
60	Offshore Aquaculture Legislation. <i>Science</i> , 2006, 313, 1363-1363.	12.6	7
61	Policy strategies to address sustainability of Alaskan boreal forests in response to a directionally changing climate. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 16637-16643.	7.1	145
62	Business strategies for conservation on private lands: Koa forestry as a case study. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 10140-10145.	7.1	39
63	Future seascapes, fishing, and fish farming. <i>Frontiers in Ecology and the Environment</i> , 2005, 3, 21-28.	4.0	121
64	A Tropical Freshwater Wetland: III. Direct Use Values and Other Goods and Services. <i>Wetlands Ecology and Management</i> , 2005, 13, 685-693.	1.5	18
65	Fugitive Salmon: Assessing the Risks of Escaped Fish from Net-Pen Aquaculture. <i>BioScience</i> , 2005, 55, 427.	4.9	326
66	Rethinking Food Security for the Twenty-first Century. <i>American Journal of Agricultural Economics</i> , 2005, 87, 1113-1127.	4.3	46
67	AGRICULTURE: Losing the Links Between Livestock and Land. <i>Science</i> , 2005, 310, 1621-1622.	12.6	315
68	Analysis of wheat yield and climatic trends in Mexico. <i>Field Crops Research</i> , 2005, 94, 250-256.	5.1	228
69	AQUACULTURE AND OCEAN RESOURCES: Raising Tigers of the Sea. <i>Annual Review of Environment and Resources</i> , 2005, 30, 185-218.	13.4	246
70	The Role of Genomics Research in Improvement of "Orphan" Crops. <i>Crop Science</i> , 2004, 44, 1901-1904.	1.8	50
71	Biotechnology in the developing world: a case for increased investments in orphan crops. <i>Food Policy</i> , 2004, 29, 15-44.	6.0	167
72	Why farm salmon outcompete fishery salmon. <i>Marine Policy</i> , 2004, 28, 259-270.	3.2	36

#	ARTICLE	IF	CITATIONS
73	Using climate models to improve Indonesian food security. Bulletin of Indonesian Economic Studies, 2004, 40, 355-377.	1.6	44
74	Is fertilization efficiency misleading?. Nature, 2003, 422, 398-398.	27.8	0
75	Salmon Aquaculture in the Pacific Northwest A Global Industry with Local Impacts. Environment, 2003, 45, 18-39.	1.4	66
76	Illustrating the coupled human-environment system for vulnerability analysis: Three case studies. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 8080-8085.	7.1	476
77	USING EL NIÑO-SOUTHERN OSCILLATION CLIMATE DATA TO IMPROVE FOOD POLICY PLANNING IN INDONESIA. Bulletin of Indonesian Economic Studies, 2002, 38, 75-91.	1.6	37
78	Migration, Markets, and Mangrove Resource Use on Kosrae, Federated States of Micronesia. Ambio, 2002, 31, 340-350.	5.5	37
79	Agricultural sustainability and intensive production practices. Nature, 2002, 418, 671-677.	27.8	5,748
80	ECOLOGY: Aquaculture--A Gateway for Exotic Species. Science, 2001, 294, 1655-1656.	12.6	393
81	Using El Niño/Southern Oscillation Climate Data to Predict Rice Production in Indonesia. Climatic Change, 2001, 50, 255-265.	3.6	111
82	Consequences of changing biodiversity. Nature, 2000, 405, 234-242.	27.8	3,209
83	Effect of aquaculture on world fish supplies. Nature, 2000, 405, 1017-1024.	27.8	2,310
84	Integration of Environmental, Agronomic, and Economic Aspects of Fertilizer Management. Science, 1998, 280, 112-115.	12.6	415
85	The Maize Transition in Asia: Unlocking the Controversy. American Journal of Agricultural Economics, 1998, 80, 960-968.	4.3	5
86	Valuing mangrove resources in Kosrae, Micronesia. Environment and Development Economics, 1998, 3, 471-490.	1.5	72
87	Variability and Growth in Grain Yields, 1950-94: Does the Record Point to Greater Instability?. Population and Development Review, 1997, 23, 41.	2.1	29
88	ENERGY AND RESOURCE CONSTRAINTS ON INTENSIVE AGRICULTURAL PRODUCTION. Annual Review of Environment and Resources, 1996, 21, 99-123.	1.2	57
89	Is the locus of poverty changing?. Food Policy, 1995, 20, 501-518.	6.0	12
90	Herbicide use in Asian rice production. World Development, 1994, 22, 55-70.	4.9	24

#	ARTICLE	IF	CITATIONS
91	Modern Rice Technology and Income Distribution in Asia. Edited by Cristina David and Keijiro Otsuka. Boulder, Colo.: Lynne Rienner Publishers, 1994. 473 pp.. Journal of Asian Studies, 1994, 53, 893-895.	0.1	0
92	Culture and Agriculture: Employment Practices Affecting Women in Java's Rice Economy. Economic Development and Cultural Change, 1994, 42, 509-535.	1.8	7
93	Food, conservation, and global environment change: Is compromise possible?. Food Policy, 1993, 18, 249-251.	6.0	1
94	Real wages and institutional change. Food Policy, 1993, 18, 73-78.	6.0	0
95	Labour-Saving Technologies in the Javanese Rice Economy: Recent Developments and a Look into the 1990s. Bulletin of Indonesian Economic Studies, 1992, 28, 71-91.	1.6	11
96	Wage Trends in Rice Production on Java: 1976-1988. Bulletin of Indonesian Economic Studies, 1990, 26, 133-156.	1.6	4
97	Aquaculture Over-Optimism. SSRN Electronic Journal, 0, , .	0.4	1