

Deborah L Balk

List of Publications by Year in descending order

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53
papers

11,084
citations

236912
25
h-index

206102
48
g-index

58
all docs

58
docs citations

58
times ranked

15911
citing authors

#	ARTICLE	IF	CITATIONS
1	Fine-grained, spatiotemporal datasets measuring 200 years of land development in the United States. <i>Earth System Science Data</i> , 2021, 13, 119-153.	9.9	20
2	Extreme Heat Related Mortality: Spatial Patterns and Determinants in the United States, 1979â€“2011. <i>Spatial Demography</i> , 2021, 9, 107.	0.9	3
3	Looking Back, Looking Forward: Progress and Prospect for Spatial Demography. <i>Spatial Demography</i> , 2021, 9, 1-29.	0.9	5
4	The tree cover and temperature disparity in US urbanized areas: Quantifying the association with income across 5,723 communities. <i>PLoS ONE</i> , 2021, 16, e0249715.	2.5	47
5	Nature inequity and higher COVID-19 case rates in less-green neighbourhoods in the United States. <i>Nature Sustainability</i> , 2021, 4, 1092-1098.	23.7	104
6	Global Harmonization of Urbanization Measures: Proceed with Care. <i>Remote Sensing</i> , 2021, 13, 4973.	4.0	7
7	Estimating population and urban areas at risk of coastal hazards, 1990â€“2015: how data choices matter. <i>Earth System Science Data</i> , 2021, 13, 5747-5801.	9.9	26
8	Exposing the urban continuum: implications and cross-comparison from an interdisciplinary perspective. <i>International Journal of Digital Earth</i> , 2020, 13, 22-44.	3.9	15
9	Spatially varying relationships between risk factors and child diarrhea in West Africa, 2008-2013. <i>Mathematical Population Studies</i> , 2020, 27, 8-33.	2.2	11
10	Use of Small-Area Estimates to Describe County-Level Geographic Variation in Prevalence of Extreme Obesity Among US Adults. <i>JAMA Network Open</i> , 2020, 3, e204289.	5.9	14
11	Urban Change in the United States, 1990â€“2010: A Spatial Assessment of Administrative Reclassification. <i>Sustainability</i> , 2020, 12, 1649.	3.2	6
12	Urbanisation and differential vulnerability to coastal flooding among migrants and nonmigrants in Bangladesh. <i>Population, Space and Place</i> , 2020, 26, e2334.	2.3	7
13	Urbanization and health: The effects of the built environment on chronic disease risk factors among women in Tanzania. <i>PLoS ONE</i> , 2020, 15, e0241810.	2.5	23
14	Up and out: A multifaceted approach to characterizing urbanization in Greater Saigon, 2000â€“2009. <i>Landscape and Urban Planning</i> , 2019, 187, 199-209.	7.5	22
15	Estimating Internal Migration in Contemporary Mexico and its Relevance in Gridded Population Distributions. <i>Data</i> , 2019, 4, 50.	2.3	4
16	Urbanization in India: Population and Urban Classification Grids for 2011. <i>Data</i> , 2019, 4, 35.	2.3	29
17	The heterogeneity and change in the urban structure of metropolitan areas in the United States, 1990â€“2010. <i>Scientific Data</i> , 2019, 6, 321.	5.3	20
18	Investigating demographic processes using innovative combinations of remotely sensed and demographic data. <i>Population and Environment</i> , 2019, 41, 71-73.	3.0	2

#	ARTICLE	IF	CITATIONS
19	Implications of the shared socioeconomic pathways for tiger (<i>Panthera tigris</i>) conservation. <i>Biological Conservation</i> , 2019, 231, 13-23.	4.1	12
20	The spatial allocation of population: a review of large-scale gridded population data products and their fitness for use. <i>Earth System Science Data</i> , 2019, 11, 1385-1409.	9.9	189
21	Understanding urbanization: A study of census and satellite-derived urban classes in the United States, 1990-2010. <i>PLoS ONE</i> , 2018, 13, e0208487.	2.5	46
22	Assessing the accuracy of multi-temporal built-up land layers across rural-urban trajectories in the United States. <i>Remote Sensing of Environment</i> , 2018, 204, 898-917.	11.0	74
23	Assessing Spatiotemporal Agreement between Multi-Temporal Built-up Land Layers and Integrated Cadastral and Building Data. <i>International Conference on GIScience Short Paper Proceedings</i> , 2016, 1, .	0.0	2
24	Urban Migration of Adolescent Girls: Quantitative Results from Developing Countries. <i>International Handbooks of Population</i> , 2016, , 573-604.	0.5	12
25	Guest Editorial: “Spatializing Demography for the Urban Future” <i>Spatial Demography</i> , 2015, 3, 59-62.	0.9	8
26	A conceptual framework for an urban areas typology to integrate climate change mitigation and adaptation. <i>Urban Climate</i> , 2015, 14, 116-137.	5.7	60
27	Women and Weight Gain in Urban India: Evidence from the National Family Health Surveys (1998–2006). <i>Spatial Demography</i> , 2015, 3, 1-25.	0.9	2
28	Water on an urban planet: Urbanization and the reach of urban water infrastructure. <i>Global Environmental Change</i> , 2014, 27, 96-105.	7.8	511
29	Urban Environments, Beijing Case Study. <i>Encyclopedia of Earth Sciences Series</i> , 2014, , 869-878.	0.1	7
30	What Is Urban? Comparing a Satellite View with the Demographic and Health Surveys. <i>Population and Development Review</i> , 2013, 39, 413-439.	2.1	38
31	Mapping populations at risk: improving spatial demographic data for infectious disease modeling and metric derivation. <i>Population Health Metrics</i> , 2012, 10, 8.	2.7	88
32	Spatial scaling of stable night lights. <i>Remote Sensing of Environment</i> , 2011, 115, 269-280.	11.0	185
33	Urban growth, climate change, and freshwater availability. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 6312-6317.	7.1	582
34	Chapter 6. The Urban Transition in Developing Countries: Demography Meets Geography. , 2011, , 89-106.		5
35	Observations of urban and suburban environments with global satellite scatterometer data. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2009, 64, 367-380.	11.1	45
36	More Than a Name. <i>Taylor & Francis Series in Remote Sensing Applications</i> , 2009, , .	0.0	8

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37	The global distribution of infant mortality: a subnational spatial view. Population, Space and Place, 2008, 14, 209-229.	2.3	56
38	Global trends in emerging infectious diseases. Nature, 2008, 451, 990-993.	27.8	5,859
39	"Delivering" on the MDGs?: equity and maternal health in Ghana, Ethiopia and Kenya. East African Journal of Public Health, 2008, 5, 133-41.	0.3	28
40	The rising tide: assessing the risks of climate change and human settlements in low elevation coastal zones. Environment and Urbanization, 2007, 19, 17-37.	2.6	1,872
41	New Methods for Understanding Intra-urban Contours at a Global Scale: An Application of Dense Sampling Methods of QuikSCAT Scatterometer with Population and Housing Data. , 2007, , .		0
42	Tsunami Mortality Estimates and Vulnerability Mapping in Aceh, Indonesia. American Journal of Public Health, 2007, 97, S146-S151.	2.7	58
43	Determining Global Population Distribution: Methods, Applications and Data. Advances in Parasitology, 2006, 62, 119-156.	3.2	370
44	Setting the stage for equity-sensitive monitoring of the maternal and child health Millennium Development Goals. Bulletin of the World Health Organization, 2006, 84, 519-527.	3.3	58
45	Child hunger in the developing world: An analysis of environmental and social correlates. Food Policy, 2005, 30, 584-611.	6.0	55
46	Confidentiality and spatially explicit data: Concerns and challenges. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 15337-15342.	7.1	79
47	A spatial analysis of childhood mortality in West Africa. Population, Space and Place, 2004, 10, 175-216.	2.3	81
48	Defying Gender Norms in Rural Bangladesh: A Social Demographic Analysis. Population Studies, 1997, 51, 153-172.	2.1	87
49	Individual and Community Aspects of Women's Status and Fertility in Rural Bangladesh. Population Studies, 1994, 48, 21-45.	2.1	171
50	Cost-Effectiveness Analysis of Family Planning Programs in Rural Bangladesh: Evidence from Matlab. Studies in Family Planning, 1991, 22, 83.	1.8	22
51	A DEMOGRAPHIC PARADOX: CAUSES AND CONSEQUENCES OF FEMALE GENITAL CUTTING IN NORTHEASTERN AFRICA. Advances in Gender Research, 0, , 199-249.	0.2	14
52	Equity, Environmental Justice, and Urban Climate Change. , 0, , 173-224.		17
53	The importance of reclassification to understanding urban growth: A demographic decomposition of the United States, 1990â€“2010. Population, Space and Place, 0, , .	2.3	6