

Vivek Shandas

List of Publications by Year in descending order

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Version: 2024-02-01

44
papers

2,276
citations

257450

24
h-index

276875

41
g-index

47
all docs

47
docs citations

47
times ranked

2459
citing authors

#	ARTICLE	IF	CITATIONS
1	The Effects of Historical Housing Policies on Resident Exposure to Intra-Urban Heat: A Study of 108 US Urban Areas. <i>Climate</i> , 2020, 8, 12.	2.8	344
2	Innovation and Climate Action Planning. <i>Journal of the American Planning Association</i> , 2010, 76, 435-450.	1.7	206
3	Rates of urbanisation and the resiliency of air and water quality. <i>Science of the Total Environment</i> , 2008, 400, 238-256.	8.0	176
4	Fostering Green Communities Through Civic Engagement: Community-Based Environmental Stewardship in the Portland Area. <i>Journal of the American Planning Association</i> , 2008, 74, 408-418.	1.7	149
5	Assessing Vulnerability to Urban Heat: A Study of Disproportionate Heat Exposure and Access to Refuge by Socio-Demographic Status in Portland, Oregon. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 640.	2.6	121
6	A Rough Guide to Interdisciplinarity: Graduate Student Perspectives. <i>BioScience</i> , 2006, 56, 757.	4.9	108
7	Spatial Variations of Single-Family Residential Water Consumption in Portland, Oregon. <i>Urban Geography</i> , 2010, 31, 953-972.	3.0	95
8	Valuing ecological systems and services. <i>F1000 Biology Reports</i> , 2011, 3, 14.	4.0	84
9	Valuing green infrastructure in Portland, Oregon. <i>Landscape and Urban Planning</i> , 2014, 124, 14-21.	7.5	77
10	Integrating Urban Form and Demographics in Water-Demand Management: An Empirical Case Study of Portland, Oregon. <i>Environment and Planning B: Planning and Design</i> , 2010, 37, 112-128.	1.7	73
11	Assessing the relationship among urban trees, nitrogen dioxide, and respiratory health. <i>Environmental Pollution</i> , 2014, 194, 96-104.	7.5	73
12	Why Land Planners and Water Managers Don't Talk to One Another and Why They Should!. <i>Society and Natural Resources</i> , 2013, 26, 356-364.	1.9	58
13	Integrating Satellite and Ground Measurements for Predicting Locations of Extreme Urban Heat. <i>Climate</i> , 2019, 7, 5.	2.8	58
14	Exploring the role of vegetation fragmentation on aquatic conditions: Linking upland with riparian areas in Puget Sound lowland streams. <i>Landscape and Urban Planning</i> , 2009, 90, 66-75.	7.5	52
15	Daytime Variation of Urban Heat Islands: The Case Study of Doha, Qatar. <i>Climate</i> , 2016, 4, 32.	2.8	41
16	Spatial analysis of urban flooding and extreme heat hazard potential in Portland, OR. <i>International Journal of Disaster Risk Reduction</i> , 2019, 39, 101117.	3.9	41
17	Towards Systematic Prediction of Urban Heat Islands: Grounding Measurements, Assessing Modeling Techniques. <i>Climate</i> , 2017, 5, 41.	2.8	39
18	Nature-Based Designs to Mitigate Urban Heat: The Efficacy of Green Infrastructure Treatments in Portland, Oregon. <i>Atmosphere</i> , 2019, 10, 282.	2.3	38

#	ARTICLE	IF	CITATIONS
19	Ecosystem services and U.S. stormwater planning: An approach for improving urban stormwater decisions. <i>Environmental Science and Policy</i> , 2018, 88, 92-103.	4.9	34
20	Vulnerability of Water Systems to the Effects of Climate Change and Urbanization: A Comparison of Phoenix, Arizona and Portland, Oregon (USA). <i>Environmental Management</i> , 2013, 52, 179-195.	2.7	32
21	Neighborhood change and the role of environmental stewardship: a case study of green infrastructure for stormwater in the City of Portland, Oregon, USA. <i>Ecology and Society</i> , 2015, 20, .	2.3	29
22	Water Supply, Demand, and Quality Indicators for Assessing the Spatial Distribution of Water Resource Vulnerability in the Columbia River Basin. <i>Atmosphere - Ocean</i> , 2013, 51, 339-356.	1.6	28
23	Incorporating Science into the Environmental Policy Process: a Case Study from Washington State. <i>Ecology and Society</i> , 2005, 10, .	2.3	27
24	Spatial configuration and time of day impact the magnitude of urban tree canopy cooling. <i>Environmental Research Letters</i> , 2021, 16, 084028.	5.2	26
25	An Empirical Study of Streamside Landowners' Interest in Riparian Conservation. <i>Journal of the American Planning Association</i> , 2007, 73, 173-184.	1.7	24
26	Urban-Rural Surface Temperature Deviation and Intra-Urban Variations Contained by an Urban Growth Boundary. <i>Remote Sensing</i> , 2019, 11, 2683.	4.0	21
27	Developing High-Resolution Descriptions of Urban Heat Islands: A Public Health Imperative. <i>Preventing Chronic Disease</i> , 2016, 13, E129.	3.4	19
28	Analysis of urban heat in a corridor environment – The case of Doha, Qatar. <i>Urban Climate</i> , 2018, 24, 692-702.	5.7	17
29	Stressors and Strategies for Managing Urban Water Scarcity: Perspectives from the Field. <i>Water (Switzerland)</i> , 2015, 7, 6775-6787.	2.7	14
30	The role of building characteristics, demographics, and urban heat islands in shaping residential energy use. <i>City and Environment Interactions</i> , 2019, 3, 100021.	4.2	14
31	Towards the implementation of green stormwater infrastructure: perspectives from municipal managers in the Pacific Northwest. <i>Journal of Environmental Planning and Management</i> , 2020, 63, 959-980.	4.5	13
32	A community-engaged approach to transdisciplinary doctoral training in urban ecosystem services. <i>Sustainability Science</i> , 2020, 15, 699-715.	4.9	13
33	Incorporating ecosystem-based management into urban environmental policy: a case study from western Washington. <i>Journal of Environmental Planning and Management</i> , 2008, 51, 647-662.	4.5	9
34	Using best available science to protect critical areas in Washington state: challenges and barriers to planners. <i>Urban Ecosystems</i> , 2009, 12, 157-175.	2.4	9
35	Integrating High-Resolution Datasets to Target Mitigation Efforts for Improving Air Quality and Public Health in Urban Neighborhoods. <i>International Journal of Environmental Research and Public Health</i> , 2016, 13, 790.	2.6	9
36	An Empirical Assessment of Interdisciplinarity: Perspectives from Graduate Students and Program Administrators. <i>Innovative Higher Education</i> , 2016, 41, 411-423.	2.5	8

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37	Integrating Diverse Perspectives for Managing Neighborhood Trees and Urban Ecosystem Services in Portland, OR (US). <i>Land</i> , 2021, 10, 48.	2.9	8
38	A Comparison of Neighborhood-Scale Interventions to Alleviate Urban Heat in Doha, Qatar. <i>Sustainability</i> , 2019, 11, 730.	3.2	7
39	The implications of climate change on residential water use: a micro-scale analysis of Portland (OR), USA. <i>Journal of Water and Climate Change</i> , 2012, 3, 225-238.	2.9	6
40	Forces of Change in Doctoral Education. , 2014, , 31-42.		4
41	Urban Form and Variation in Temperatures. <i>SpringerBriefs in Environmental Science</i> , 2020, , 51-73.	0.3	2
42	Environmental Stewardship. , 2018, , 1-23.		1
43	Characterizing urban ecosystem services: integrating the biophysical and social dimensions of human-dominated landscapes. , 2014, , .		0
44	Environmental Stewardship. , 2018, , 273-295.		0