Sharon J Hall

List of Publications by Citations

67 papers	2,869 citations	23 h-index	53 g-index
68 ext. papers	3,293 ext. citations	5.8 avg, IF	4.98 L-index

#	Paper	IF	Citations
67	The globalization of nitrogen deposition: consequences for terrestrial ecosystems. *Ambio*, **2002**, 31, 113-9	3.5	386
66	Effects of nitrogen deposition and empirical nitrogen critical loads for ecoregions of the United States **2011**, 21, 3049-3082		305
65	Residential landscapes as social-ecological systems: a synthesis of multi-scalar interactions between people and their home environment. *Urban Ecosystems*, **2012**, 15, 19-52	2.8	256
64	Ecological homogenization of urban USA. *Frontiers in Ecology and the Environment*, **2014**, 12, 74-81	5.5	244
63	Nitrogen oxide emissions after nitrogen additions in tropical forests. *Nature*, **1999**, 400, 152-155	50.4	225
62	. *Ecological Monographs*, **2003**, 73, 107-129	9	143
61	Assessing the homogenization of urban land management with an application to US residential lawn care. *Proceedings of the National Academy of Sciences of the United States of America*, **2014**, 111, 4432-7	11.5	139
60	Effects of simulated nitrogen deposition on soil respiration components and their temperature sensitivities in a semiarid grassland. *Soil Biology and Biochemistry*, **2014**, 75, 113-123	7.5	101
59	NOxEMISSIONS FROM SOIL: Implications for Air Quality Modeling in Agricultural Regions. *Annual Review of Environment and Resources*, **1996**, 21, 311-346		67
58	The Influence of Diverse Values, Ecological Structure, and Geographic Context on Residents Multifaceted Landscaping Decisions. *Human Ecology*, **2010**, 38, 747-761	2	65
57	Convergence of microclimate in residential landscapes across diverse cities in the United States. *Landscape Ecology*, **2016**, 31, 101-117	4.3	59
56	Fungi mediate nitrous oxide production but not ammonia oxidation in aridland soils of the southwestern US. *Soil Biology and Biochemistry*, **2013**, 63, 24-36	7.5	58
55	Continental-scale homogenization of residential lawn plant communities. *Landscape and Urban Planning*, **2017**, 165, 54-63	7.7	54
54	Soil N2O and NO emissions from an arid, urban ecosystem. *Journal of Geophysical Research*, **2008**, 113, n/a-n/a		50
53	Ecosystem response to nutrient enrichment across an urban airshed in the Sonoran Desert **2011**, 21, 640-60		47
52	Ecological homogenization of residential macrosystems. *Nature Ecology and Evolution*, **2017**, 1, 191	12.3	44
51	Urbanization Alters Soil Microbial Functioning in the Sonoran Desert. *Ecosystems*, **2009**, 12, 654-671	3.9	40

50	Homogenization of plant diversity, composition, and structure in North American urban yards. *Ecosphere*, **2018**, 9, e02105	3.1	39
49	Responses of soil microorganisms to resource availability in urban, desert soils. *Biogeochemistry*, **2008**, 87, 143-155	3.8	39
48	Substrate, climate, and land use controls over soil N dynamics and N-oxide emissions in Borneo. *Biogeochemistry*, **2004**, 70, 27-58	3.8	38
47	Distribution of Polycyclic Aromatic Hydrocarbons in Soils of an Arid Urban Ecosystem. *Water, Air, and Soil Pollution*, **2011**, 219, 473-487	2.6	33
46	Biological invasion alters regional nitrogen-oxide emissions from tropical rainforests. *Global Change Biology*, **2007**, 13, 2143-2160	11.4	31
45	Variation in monsoon precipitation drives spatial and temporal patterns of Larrea tridentata growth in the Sonoran Desert. *Functional Ecology*, **2012**, 26, 750-758	5.6	25
44	Short-term Effects of Wildfire on Montane Stream Ecosystems in the Southern Rocky Mountains: One and Two Years Post-burn. *Western North American Naturalist*, **2008**, 68, 453-462	0.4	21
43	Satisfaction, water and fertilizer use in the American residential macrosystem. *Environmental Research Letters*, **2016**, 11, 034004	6.2	20
42	A comparative gradient approach as a tool for understanding and managing urban ecosystems. *Urban Ecosystems*, **2012**, 15, 795-807	2.8	20
41	Drivers of plant species richness and phylogenetic composition in urban yards at the continental scale. *Landscape Ecology*, **2019**, 34, 63-77	4.3	20
40	Sediment chemistry of urban stormwater ponds and controls on denitrification. *Ecosphere*, **2018**, 9, e02318	3.1	17
39	Ammonia-oxidizing archaea respond positively to inorganic nitrogen addition in desert soils. *FEMS Microbiology Ecology*, **2015**, 91, 1-11	4.3	16
38	Legacies of Prehistoric Agricultural Practices Within Plant and Soil Properties Across an Arid Ecosystem. *Ecosystems*, **2013**, 16, 1273-1293	3.9	16
37	Urban soil carbon and nitrogen converge at a continental scale. *Ecological Monographs*, **2020**, 90, e01409	9	15
36	Linking yard plant diversity to homeowners landscaping priorities across the U.S. *Landscape and Urban Planning*, **2020**, 196, 103730	7.7	15
35	Subjective evaluations of ecosystem services and disservices: an approach to creating and analyzing robust survey scales. *Ecology and Society*, **2019**, 24,	4.1	14
34	Hydropedological Assessments of Parcel-Level Infiltration in an Arid Urban Ecosystem. *Soil Science Society of America Journal*, **2015**, 79, 398-406	2.5	14
33	Mapping understory invasive plant species with field and remotely sensed data in Chitwan, Nepal. *Remote Sensing of Environment*, **2020**, 250, 112037	13.2	14

32	Contribution of non-native plants to the phylogenetic homogenization of U.S. yard floras. *Ecosphere*, **2019**, 10, e02638	3.1	13
31	Direct and indirect effects of urbanization on soil and plant nutrients in desert ecosystems of the Phoenix metropolitan area, Arizona (USA). *Urban Ecosystems*, **2010**, 13, 295-317	2.8	13
30	Municipal regulation of residential landscapes across US cities: Patterns and implications for landscape sustainability. *Journal of Environmental Management*, **2020**, 275, 111132	7.9	13
29	A multi-city comparison of front and backyard differences in plant species diversity and nitrogen cycling in residential landscapes. *Landscape and Urban Planning*, **2018**, 178, 102-111	7.7	13
28	Soil-targeted interventions could alleviate locust and grasshopper pest pressure in West Africa. *Science of the Total Environment*, **2019**, 663, 632-643	10.2	12
27	How does perception at multiple levels influence collective action in the commons? The case of Mikania micrantha in Chitwan, Nepal. *Forest Policy and Economics*, **2017**, 80, 1-10	3.6	11
26	Mixed method approach to assess atmospheric nitrogen deposition in arid and semi-arid ecosystems. *Environmental Pollution*, **2018**, 239, 617-630	9.3	11
25	De jure versus de facto institutions: trust, information, and collective efforts to manage the invasive mile-a-minute weed (Mikania micrantha). *International Journal of the Commons*, **2017**, 11, 171	2.2	9
24	Nutrient dynamics during photodegradation of plant litter in the Sonoran Desert. *Journal of Arid Environments*, **2019**, 160, 1-10	2.5	8
23	Taxonomic, phylogenetic, and functional composition and homogenization of residential yard vegetation with contrasting management. *Landscape and Urban Planning*, **2020**, 202, 103877	7.7	7
22	Carbon lost and carbon gained: a study of vegetation and carbon trade-offs among diverse land uses in Phoenix, Arizona. *Ecological Applications*, **2017**, 27, 644-661	4.9	7
21	Top-down vs. bottom-up regulation of herbaceous primary production and composition in an arid, urbanizing ecosystem. *Journal of Arid Environments*, **2015**, 116, 103-114	2.5	7
20	Climate and lawn management interact to control C plant distribution in residential lawns across seven U.S. cities. *Ecological Applications*, **2019**, 29, e01884	4.9	6
19	Eolian Deposition and Soil Fertility in a Prehistoric Agricultural Complex in Central Arizona, USA. *Geoarchaeology - an International Journal*, **2014**, 29, 79-97	1.4	6
18	Effects of stand density on ecosystem properties of subalpine forests in the southern Rocky Mountains, USA. *Annals of Forest Science*, **2010**, 67, 102-102	3.1	6
17	Residential yard management and landscape cover affect urban bird community diversity across the continental USA. *Ecological Applications*, **2021**, 31, e02455	4.9	6
16	Decomposition of urban atmospheric carbon in Sonoran Desert soils. *Urban Ecosystems*, **2011**, 14, 737-754	2.8	5
15	Conventional tillage improves the storage of soil organic carbon in heavy fractions in the Loess Plateau, China. *Journal of Arid Land*, **2015**, 7, 636-643	2.2	4

List of Publications

14	Residential household yard care practices along urban-exurban gradients in six climatically-diverse U.S. metropolitan areas. *PLoS ONE*, **2019**, 14, e0222630	3.7	4
13	Effects and Empirical Critical Loads of Nitrogen for Ecoregions of the United States. *Environmental Pollution*, **2015**, 129-169	0	3
12	Ecological homogenisation in North American urban yards: vegetation diversity, composition, and structure		3
11	Influences of Environmental and Social Factors on Perceived Bio-Cultural Services and Disservices. *Frontiers in Ecology and Evolution*, **2020**, 8,	3.7	3
10	How the Nonhuman World Influences Homeowner Yard Management in the American Residential Macrosystem. *Human Ecology*, **2020**, 48, 347-356	2	2
9	Water and nitrogen shape winter annual plant diversity and community composition in near-urban Sonoran Desert preserves.. *Ecological Monographs*, **2021**, 91, 1-19	9	2
8	Examining the potential to expand wildlife-supporting residential yards and gardens. *Landscape and Urban Planning*, **2022**, 222, 104396	7.7	2
7	Elevated soil nitrogen pools after conversion of turfgrass to water-efficient residential landscapes. *Environmental Research Letters*, **2016**, 11, 084007	6.2	1
6	Who is abuzz about bees? Explaining residents attitudes in Phoenix, Arizona. *Urban Ecosystems*, **2021**, 24, 35-48	2.8	1
5	Invasion of Hawaiian rainforests by an introduced amphibian predator and N2-fixing tree increases soil N2O emissions. *Ecosphere*, **2018**, 9, e02416	3.1	1
4	Resident Perceptions of Mosquito Problems Are More Influenced by Landscape Factors than Mosquito Abundance. *Sustainability*, **2021**, 13, 11533	3.6	0
3	Environmental attitudes predict native plant abundance in residential yards. *Landscape and Urban Planning*, **2022**, 224, 104443	7.7	0
2	Acid rain and N-deposition. *Tree Physiology*, **2002**, 279-306		
1	Drivers of prohibited natural resource collection in Chitwan National Park, Nepal. *Environmental Conservation*,1-8	3.3	