Sarah Taylor Lovell

List of Publications by Citations

55 papers	2,642 citations	25 h-index	51 g-index
56 ext. papers	3,094 ext. citations	3.8 avg, IF	5.89 L-index

#	Paper	IF	Citations
55	Supplying urban ecosystem services through multifunctional green infrastructure in the United States. *Landscape Ecology*, **2013**, 28, 1447-1463	4.3	364
54	Multifunctional Urban Agriculture for Sustainable Land Use Planning in the United States. *Sustainability*, **2010**, 2, 2499-2522	3.6	335
53	Environmental benefits of conservation buffers in the United States: Evidence, promise, and open questions. *Agriculture, Ecosystems and Environment*, **2006**, 112, 249-260	5.7	190
52	Mapping public and private spaces of urban agriculture in Chicago through the analysis of high-resolution aerial images in Google Earth. *Landscape and Urban Planning*, **2012**, 108, 57-70	7.7	159
51	Urban home food gardens in the Global North: research traditions and future directions. *Agriculture and Human Values*, **2014**, 31, 285-305	2.7	139
50	Integrating agroecology and landscape multifunctionality in Vermont: An evolving framework to evaluate the design of agroecosystems. *Agricultural Systems*, **2010**, 103, 327-341	6.1	120
49	Creating multifunctional landscapes: how can the field of ecology inform the design of the landscape?. *Frontiers in Ecology and the Environment*, **2009**, 7, 212-220	5.5	113
48	Permaculture for agroecology: design, movement, practice, and worldview. A review. *Agronomy for Sustainable Development*, **2014**, 34, 251-274	6.8	112
47	Environmental challenges threatening the growth of urban agriculture in the United States. *Journal of Environmental Quality*, **2013**, 42, 1283-94	3.4	107
46	Designing Landscapes for Performance Based on Emerging Principles in Landscape Ecology. *Ecology and Society*, **2009**, 14,	4.1	86
45	Urban home gardens in the Global North: A mixed methods study of ethnic and migrant home gardens in Chicago, IL. *Renewable Agriculture and Food Systems*, **2015**, 30, 22-32	1.8	64
44	Agricultural buffers at the rural□urban fringe: an examination of approval by farmers, residents, and academics in the Midwestern United States. *Landscape and Urban Planning*, **2004**, 69, 299-313	7.7	60
43	Effects of moisture, temperature, and biological activity on the degradation of isoxaflutole in soil. *Journal of Agricultural and Food Chemistry*, **2002**, 50, 5626-33	5.7	60
42	Agroforestry□The Next Step in Sustainable and Resilient Agriculture. *Sustainability*, **2016**, 8, 574	3.6	59
41	Improving the visual quality of commercial development at the rural□urban fringe. *Landscape and Urban Planning*, **2006**, 77, 152-166	7.7	58
40	Imidazolinone and Sulfonylurea Resistance in a Biotype of Common Waterhemp (Amaranthus rudis). *Weed Science*, **1996**, 44, 789-794	2	53
39	Phytotoxic Response and Yield of Soybean (Glycine max) Varieties Treated with Sulfentrazone or Flumioxazin1. *Weed Technology*, **2001**, 15, 95-102	1.4	52

38	Temperate agroforestry research: considering multifunctional woody polycultures and the design of long-term field trials. *Agroforestry Systems*, **2018**, 92, 1397-1415	2	42
37	Hydrolysis and Soil Adsorption of the Labile Herbicide Isoxaflutole. *Environmental Science & Technology*, **2000**, 34, 3186-3190	10.3	38
36	Grassroots engagement with transition to sustainability: diversity and modes of participation in the international permaculture movement. *Ecology and Society*, **2015**, 20,	4.1	35
35	Landscape and local site variables differentially influence pollinators and pollination services in urban agricultural sites. *PLoS ONE*, **2019**, 14, e0212034	3.7	30
34	Preemergence Flumioxazin and Pendimethalin and Postemergence Herbicide Systems for Soybean (Glycine max)1. *Weed Technology*, **2002**, 16, 502-511	1.4	30
33	Roads in northern hardwood forests affect adjacent plant communities and soil chemistry in proportion to the maintained roadside area. *Science of the Total Environment*, **2013**, 449, 320-7	10.2	29
32	Enhancing pollination supply in an urban ecosystem through landscape modifications. *Landscape and Urban Planning*, **2017**, 162, 157-166	7.7	28
31	Frontiers in alley cropping: Transformative solutions for temperate agriculture. *Global Change Biology*, **2018**, 24, 883-894	11.4	27
30	Ecosystem services and tradeoffs in the home food gardens of African American, Chinese-origin and Mexican-origin households in Chicago, IL. *Renewable Agriculture and Food Systems*, **2017**, 32, 69-86	1.8	23
29	Using the In Vivo Acetolactate Synthase (ALS) Assay for Identifying Herbicide-Resistant Weeds. *Weed Technology*, **1996**, 10, 936-942	1.4	23
28	Identifying barriers and motivators for adoption of multifunctional perennial cropping systems by landowners in the Upper Sangamon River Watershed, Illinois. *Agroforestry Systems*, **2018**, 92, 1155-1169	2	21
27	Performing a New England landscape: Viewing, engaging, and belonging. *Journal of Rural Studies*, **2014**, 36, 226-236	4.2	18
26	Landowner willingness to embed production agriculture and other land use options in residential areas of Chittenden County, VT. *Landscape and Urban Planning*, **2011**, 103, 174-184	7.7	16
25	Extent, pattern, and multifunctionality of treed habitats on farms in Vermont, USA. *Agroforestry Systems*, **2010**, 80, 153-171	2	16
24	Identifying, quantifying and classifying agricultural opportunities for land use planning. *Landscape and Urban Planning*, **2013**, 118, 29-39	7.7	15
23	Soft Robotics as an Enabling Technology for Agroforestry Practice and Research. *Sustainability*, **2019**, 11, 6751	3.6	14
22	Weed Control in Field Corn (Zea mays) with RPA 201772 Combinations with Atrazine and S-Metolachlor1. *Weed Technology*, **2001**, 15, 249-256	1.4	13
21	Livelihoods and production diversity on U.S. permaculture farms. *Agroecology and Sustainable Food Systems*, **2017**, 41, 588-613	2	11

20	Computational Agroecology **2016**,		10
19	Environmental indicators reflective of road design in a forested landscape. *Ecosphere*, **2017**, 8, e01734	3.1	10
18	A comparison of arthropod abundance and arthropod mediated predation services in urban green spaces. *Insect Conservation and Diversity*, **2014**, 7, 405-412	3.8	10
17	An adaptive management approach to improve water quality at a model dairy farm in Vermont, USA. *Ecological Engineering*, **2012**, 40, 131-143	3.9	7
16	Role of sorption and degradation in the herbicidal function of isoxaflutole. *Pest Management Science*, **2009**, 65, 805-10	4.6	7
15	Designing multifunctional woody polycultures according to landowner preferences in Central Illinois. *Agroforestry Systems*, **2019**, 93, 2293-2311	2	7
14	Diversification and labor productivity on US permaculture farms. *Renewable Agriculture and Food Systems*, **2019**, 34, 326-337	1.8	6
13	Raised Beds for Vegetable Production in Urban Agriculture. *Urban Agriculture & Regional Food Systems*, **2018**, 3, 180002	1.8	5
12	Germplasm Development of Underutilized Temperate U.S. Tree Crops. *Sustainability*, **2019**, 11, 1546	3.6	3
11	Using genotyping-by-sequencing derived SNPs to examine the genetic structure and identify a core set of Corylus americana germplasm. *Tree Genetics and Genomes*, **2020**, 16, 1	2.1	3
10	Building multifunctionality into agricultural conservation programs: lessons learned from designing agroforestry systems with central Illinois landowners. *Renewable Agriculture and Food Systems*, **2020**, 35, 313-321	1.8	3
9	Food safety considerations of urban agroforestry systems grown in contaminated environments. *Urban Agriculture & Regional Food Systems*, **2021**, 6, e20008	1.8	3
8	Eastern Filbert Blight Resistance in American and Interspecific Hybrid Hazelnuts. *Journal of the American Society for Horticultural Science*, **2020**, 145, 162-173	2.3	2
7	Urban agroforestry as a strategy for aligning agroecology with resilience planning initiatives **2021**, 101-123		2
6	Urban Agroforestry and Its Potential Integration into City Planning Efforts. *CSA News*, **2020**, 65, 34-37	0.1	1
5	Designing multifunctional urban agroforestry with people in mind. *Urban Agriculture & Regional Food Systems*, **2021**, 6, e20016	1.8	1
4	Community Orchards for Food Sovereignty, Human Health, and Climate Resilience: Indigenous Roots and Contemporary Applications. *Forests*, **2021**, 12, 1533	2.8	0
3	Agroforestry Integration and Multifunctional Landscape Planning for Enhanced Ecosystem Services from Treed Habitats **2021**, 451-476		

List of Publications

2	Exploring the sociomaterial dynamics of home food gardening in a Black-majority, low-income neighbourhood in Chicago, IL, U.S.A.. *Local Environment*, **2021**, 26, 1398-1420	3.3
1	Agroforestry at the Landscape Level. *Assa, Cssa and Sssa*, **2021**, 417-435	0.3