

# Ian Yesilonis

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4589283/publications.pdf>

Version: 2024-02-01

26  
papers

1,581  
citations

567281  
15  
h-index

642732  
23  
g-index

26  
all docs

26  
docs citations

26  
times ranked

1913  
citing authors

#	ARTICLE	IF	CITATIONS
1	Carbon Storage by Urban Soils in the United States. <i>Journal of Environmental Quality</i> , 2006, 35, 1566-1575.	2.0	339
2	Soil carbon pools and fluxes in urban ecosystems. <i>Environmental Pollution</i> , 2002, 116, S107-S118.	7.5	297
3	Early stage litter decomposition across biomes. <i>Science of the Total Environment</i> , 2018, 628-629, 1369-1394.	8.0	177
4	Nitrate Leaching and Nitrous Oxide Flux in Urban Forests and Grasslands. <i>Journal of Environmental Quality</i> , 2009, 38, 1848-1860.	2.0	146
5	Land use context and natural soil controls on plant community composition and soil nitrogen and carbon dynamics in urban and rural forests. <i>Forest Ecology and Management</i> , 2006, 236, 177-192.	3.2	115
6	Urbanization erodes ectomycorrhizal fungal diversity and may cause microbial communities to converge. <i>Nature Ecology and Evolution</i> , 2017, 1, 123.	7.8	76
7	Invasive earthworm species and nitrogen cycling in remnant forest patches. <i>Applied Soil Ecology</i> , 2006, 32, 54-62.	4.3	74
8	A Global Comparison of Surface Soil Characteristics Across Five Cities. <i>Soil Science</i> , 2015, 180, 136-145.	0.9	59
9	The capacity of urban forest patches to infiltrate stormwater is influenced by soil physical properties and soil moisture. <i>Journal of Environmental Management</i> , 2019, 246, 11-18.	7.8	42
10	Metal concentrations in urban riparian sediments along an urbanization gradient. <i>Biogeochemistry</i> , 2012, 107, 67-79.	3.5	36
11	Multi-scale assessment of metal contamination in residential soil and soil fauna: A case study in the Baltimore-Washington metropolitan region, USA. <i>Landscape and Urban Planning</i> , 2015, 142, 7-17.	7.5	32
12	Legacies of Lead in Charm City's Soil: Lessons from the Baltimore Ecosystem Study. <i>International Journal of Environmental Research and Public Health</i> , 2016, 13, 209.	2.6	30
13	Introducing GLUSEEN: a new open access and experimental network in urban soil ecology. <i>Journal of Urban Ecology</i> , 2017, 3, .	1.5	23
14	Drivers of soil and tree carbon dynamics in urban residential lawns: a modeling approach. <i>Ecological Applications</i> , 2017, 27, 991-1000.	3.8	21
15	Litter quality, dispersal and invasion drive earthworm community dynamics and forest soil development. <i>Oecologia</i> , 2018, 188, 237-250.	2.0	21
16	Microbial and environmental controls on wood decomposition in deciduous forests of different ages. <i>Applied Soil Ecology</i> , 2021, 166, 103986.	4.3	16
17	The effects of landscape cover on surface soils in a low density residential neighborhood in Baltimore, Maryland. <i>Urban Ecosystems</i> , 2016, 19, 115-129.	2.4	13
18	Metagenomics Reveals Bacterial and Archaeal Adaptation to Urban Land-Use: N Catabolism, Methanogenesis, and Nutrient Acquisition. <i>Frontiers in Microbiology</i> , 2019, 10, 2330.	3.5	12

#	ARTICLE	IF	CITATIONS
19	Urbanization minimizes the effects of plant traits on soil provisioned ecosystem services across climatic regions. <i>Global Change Biology</i> , 2021, 27, 4139-4153.	9.5	12
20	Modeling and imaging land-cover influences on air temperature in and near Baltimore, MD. <i>Theoretical and Applied Climatology</i> , 2016, 124, 497-515.	2.8	11
21	Soil microarthropod communities of urban green spaces in Baltimore, Maryland, USA. <i>Urban Forestry and Urban Greening</i> , 2020, 53, 126676.	5.3	8
22	Drivers of Urban Soil Carbon Dynamics. , 2017, , 93-120.		5
23	Soil Carbon and Nitrogen Cycling and Ecosystem Service in Cities. , 2017, , 121-136.		5
24	Soil as a foundation to urban biodiversity. , 2017, , 18-35.		4
25	Climate Adaptive Silviculture for the City: Practitioners and Researchers Co-create a Framework for Studying Urban Oak-Dominated Mixed Hardwood Forests. <i>Frontiers in Ecology and Evolution</i> , 2021, 9, .	2.2	4
26	Distributions of soil phosphorus in China's densely populated village landscapes. <i>Journal of Soils and Sediments</i> , 2010, 10, 461-472.	3.0	3