

Martin J Shipitalo

List of Publications by Year in descending order

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45
papers

1,772
citations

346980

22
h-index

312153

41
g-index

45
all docs

45
docs citations

45
times ranked

2093
citing authors

#	ARTICLE	IF	CITATIONS
1	Rye cover crop increases earthworm populations and reduces losses of broadcast, fall-applied, fertilizers in surface runoff. <i>Soil and Tillage Research</i> , 2018, 180, 99-106.	2.6	30
2	All Washed Out? Foliar Nutrient Resorption and Leaching in Senescing Switchgrass. <i>Bioenergy Research</i> , 2017, 10, 305-316.	2.2	4
3	Corn stover harvest increases herbicide movement to subsurface drains—Root Zone Water Quality Model simulations. <i>Pest Management Science</i> , 2016, 72, 1124-1132.	1.7	7
4	Estrogenic activity and nutrient losses in surface runoff after winter manure application to small watersheds. <i>Science of the Total Environment</i> , 2016, 543, 570-580.	3.9	19
5	Carbon and macronutrient losses during accelerated erosion under different tillage and residue management. <i>European Journal of Soil Science</i> , 2015, 66, 218-225.	1.8	52
6	Dew-worms in white nights: High-latitude light constrains earthworm (<i>Lumbricus terrestris</i>) behaviour at the soil surface. <i>Soil Biology and Biochemistry</i> , 2014, 72, 66-74.	4.2	10
7	Bioassay of estrogenicity and chemical analyses of estrogens in streams across the United States associated with livestock operations. <i>Water Research</i> , 2013, 47, 3347-3363.	5.3	89
8	Effect of No-Till and Extended Rotation on Nutrient Losses in Surface Runoff. <i>Soil Science Society of America Journal</i> , 2013, 77, 1329-1337.	1.2	45
9	Inputs and Losses by Surface Runoff and Subsurface Leaching for Pastures Managed by Continuous or Rotational Stocking. <i>Journal of Environmental Quality</i> , 2012, 41, 106-113.	1.0	8
10	Effects of Winter Manure Application in Ohio on the Quality of Surface Runoff. <i>Journal of Environmental Quality</i> , 2011, 40, 153-165.	1.0	18
11	Comparative Losses of Glyphosate and Selected Residual Herbicides in Surface Runoff from Conservation-tilled Watersheds Planted with Corn or Soybean. <i>Journal of Environmental Quality</i> , 2011, 40, 1281-1289.	1.0	12
12	Sediment-bound and dissolved carbon concentration and transport from a small pastured watershed. <i>Agriculture, Ecosystems and Environment</i> , 2011, 141, 162-166.	2.5	7
13	Impact of Grassed Waterways and Compost Filter Socks on the Quality of Surface Runoff from Corn Fields. <i>Journal of Environmental Quality</i> , 2010, 39, 1009-1018.	1.0	16
14	USDA-ARS North Appalachian Experimental Watershed: 70-Year Hydrologic, Soil Erosion, and Water Quality Database. <i>Soil Science Society of America Journal</i> , 2010, 74, 619-623.	1.2	15
15	Effect of Tillage and Rainfall on Transport of Manure-Applied <i>Cryptosporidium parvum</i> Oocysts Through Soil. <i>Journal of Environmental Quality</i> , 2009, 38, 2394-2401.	1.0	20
16	Runoff quality evaluations of continuous and rotational over-wintering systems for beef cows. <i>Agriculture, Ecosystems and Environment</i> , 2009, 129, 482-490.	2.5	22
17	Chemical stabilization of organic carbon pools in particle size fractions in no-till and meadow soils. <i>Biology and Fertility of Soils</i> , 2008, 44, 1043-1051.	2.3	29
18	Earthworm populations in septic system filter fields and potential effects on wastewater renovation. <i>Applied Soil Ecology</i> , 2008, 40, 195-200.	2.1	10

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19	Impact of Glyphosate-tolerant Soybean and Glufosinate-tolerant Corn Production on Herbicide Losses in Surface Runoff. <i>Journal of Environmental Quality</i> , 2008, 37, 401-408.	1.0	57
20	A SAND LAYER DETERS BURROWING BY LUMBRICUS TERRESTRIS L.. <i>Soil Science</i> , 2008, 173, 186-194.	0.9	6
21	Impact of Using Paper Mill Sludge for Surface-Mine Reclamation on Runoff Water Quality and Plant Growth. <i>Journal of Environmental Quality</i> , 2008, 37, 2351-2359.	1.0	26
22	Watershed Research at the North Appalachian Experimental Watershed at Coshocton, Ohio. , 2007, , .		2
23	Aggregate Disintegration and Wettability for Long-Term Management Systems in the Northern Appalachians. <i>Soil Science Society of America Journal</i> , 2007, 71, 759-765.	1.2	30
24	Tillage System, Application Rate, and Extreme Event Effects on Herbicide Losses in Surface Runoff. <i>Journal of Environmental Quality</i> , 2006, 35, 2186-2194.	1.0	44
25	Stabilization of organic carbon in chemically separated pools in no-till and meadow soils in Northern Appalachia. <i>Geoderma</i> , 2006, 137, 205-211.	2.3	20
26	Organic Carbon Influences on Soil Particle Density and Rheological Properties. <i>Soil Science Society of America Journal</i> , 2006, 70, 1407-1414.	1.2	63
27	Surface and Subsurface Phosphorus Losses from Fertilized Pasture Systems in Ohio. <i>Journal of Environmental Quality</i> , 2006, 35, 1101-1109.	1.0	45
28	Lumbricid macrofauna alter atrazine mineralization and sorption in a silt loam soil. <i>Soil Biology and Biochemistry</i> , 2006, 38, 1255-1263.	4.2	55
29	Ohio Livestock Manure Violations. , 2005, , .		1
30	Preferential Flow of Liquid Manure in Macropores and Cracks. , 2005, , .		2
31	Herbicide leaching as affected by macropore flow and within-storm rainfall intensity variation: a RZWQM simulation. <i>Pest Management Science</i> , 2004, 60, 277-285.	1.7	22
32	Interaction of earthworm burrows and cracks in a clayey, subsurface-drained, soil. <i>Applied Soil Ecology</i> , 2004, 26, 209-217.	2.1	99
33	Atrazine, Deethylatrazine, and Deisopropylatrazine in Surface Runoff from Conservation Tilled Watersheds. <i>Environmental Science & Technology</i> , 2003, 37, 944-950.	4.6	65
34	Tillage effect on macroporosity and herbicide transport in percolate. <i>Geoderma</i> , 2003, 116, 191-215.	2.3	61
35	Population dynamics of ambient and altered earthworm communities in row-crop agroecosystems in the Midwestern U.S.The 7th international symposium on earthworm ecology · Cardiff · Wales · 2002. <i>Pedobiologia</i> , 2003, 47, 825-829.	0.5	7
36	Earthworm Additions Affect Leachate Production and Nitrogen Losses in Typical Midwestern Agroecosystems. <i>Journal of Environmental Quality</i> , 2003, 32, 2132-2139.	1.0	24

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37	Potential of Earthworm Burrows to Transmit Injected Animal Wastes to Tile Drains. Soil Science Society of America Journal, 2000, 64, 2103-2109.	1.2	111
38	Role of lumbricus terrestris (L.) burrows on quality of infiltrating water. Soil Biology and Biochemistry, 1992, 24, 1555-1561.	4.2	82
39	Effect of Lumbricus terrestris L. burrows on hydrology of continuous no-till corn fields. Geoderma, 1990, 46, 73-84.	2.3	156
40	Chemistry and micromorphology of aggregation in earthworm casts. Geoderma, 1989, 45, 357-374.	2.3	169
41	Contribution of macroporosity to infiltration into a continuous corn no-tilled watershed: Implications for contaminant movement. Journal of Contaminant Hydrology, 1988, 3, 193-205.	1.6	63
42	Effect of diet on the feeding and casting activity of Lumbricus terrestris and L. rubellus in laboratory culture. Soil Biology and Biochemistry, 1988, 20, 233-237.	4.2	107
43	Image analysis of soils - present and future. Geoderma, 1987, 40, 115-125.	2.3	32
44	The influence of texture on clay weathering and soil formation in mid-northern Ontario. Applied Clay Science, 1985, 1, 43-55.	2.6	8
45	Experimental Watersheds at Coshocton, Ohio, USA: Experiences and Establishing New Experimental Watersheds. , 0, , .		2