Michael J Vepraskas

List of Publications by Year
in descending order

62	1,252	361045	414034
papers	citations	20 h-index	32 g-index

66	66	66	1186
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Hydrology and Vegetation Relationships in a Carolina Bay Wetland 15 Years after Restoration. Wetlands, 2022, 42, 1.	0.7	1
2	Development and application of the Hydric Soil Technical Standard. Soil Science Society of America Journal, 2021, 85, 469-487.	1.2	11
3	Estimation of Saprolite Thickness Needed to Remove E. coli from Wastewater. Applied Sciences (Switzerland), 2021, 11, 2066.	1.3	1
4	Characterizing copper and zinc content in forested wetland soils of North Carolina, USA. Environmental Monitoring and Assessment, 2021, 193, 851.	1.3	0
5	Method to Assess Climate Change Impacts on Hydrologic Boundaries of Individual Wetlands. Wetlands, 2020, 40, 365-376.	0.7	2
6	Efficiency of saprolite for removing E. coli from simulated wastewater. Water Science and Technology, 2020, 82, 2545-2551.	1.2	1
7	Assessing Carolina Bay Wetland Restoration Risks to Downstream Water Quality by Characterizing Land Use and Stream Proximity. Wetlands, 2019, 39, 495-506.	0.7	2
8	Determining Normal Precipitation Ranges for Hydric Soil Assessments. Soil Science Society of America Journal, 2019, 83, 503-510.	1.2	5
9	Redoximorphic Features. , 2018, , 425-445.		29
10	Phosphorus Dynamics Near Bald Cypress Roots in a Restored Wetland. Soil Science Society of America Journal, 2017, 81, 1652-1660.	1.2	4
11	Using Land-Use Change, Soil Characteristics, and a Semi-Automated On-Line GIS Database to Inventory Carolina Bays. Wetlands, 2017, 37, 89-98.	0.7	5
12	Phosphorus Dissolution in the Rhizosphere of Bald Cypress Trees in Restored Wetland Soils. Soil Science Society of America Journal, 2015, 79, 343-355.	1.2	9
13	Evaluating Responses of Four Wetland Plant Species to Different Hydroperiods. Journal of Environmental Quality, 2014, 43, 723-731.	1.0	4
14	Dissolution of phosphorus into pore-water flowing through an organic soil. Geoderma, 2013, 197-198, 51-58.	2.3	6
15	Dynamics of P dissolution processes in the matrix and rhizospheres of bald cypress growing in saturated soil. Geoderma, 2013, 202-203, 153-160.	2.3	4
16	Temperature and Water Content Effects on Carbon Mineralization for Sapric Soil Material. Wetlands, 2012, 32, 939-944.	0.7	24
17	Soil and hydrologic effects on fate and horizontal transport in the capillary fringe of surface-applied nitrate. Geoderma, 2012, 189-190, 343-350.	2.3	8
18	Surface shading effects on soil C loss in a temperate muck soil. Geoderma, 2011, 163, 238-246.	2.3	7

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19	Linking Plant Ecology and Long-Term Hydrology to Improve Wetland Restoration Success. Transactions of the ASABE, 2011, 54, 2129-2137.	1.1	16
20	Xâ€ray Microspectroscopy and Chemical Reactions in Soil Microsites. Journal of Environmental Quality, 2011, 40, 667-678.	1.0	45
21	Plant-Soil-Hydrology Relationships in Three Carolina Bays in Bladen County, North Carolina. Castanea, 2010, 75, 407-420.	0.2	10
22	An Example Emphasizing Massâ€“Volume Relationships for Problem Solving in Soils. Journal of Natural Resources and Life Sciences Education, 2009, 38, 140-143.	0.3	0
23	Methods to evaluate normal rainfall for short-term wetland hydrology assessment. Wetlands, 2009, 29, 1049-1062.	0.7	14
24	Future directions for hydropedology: quantifying impacts of global change on land use. Hydrology and Earth System Sciences, 2009, 13, 1427-1438.	1.9	9
25	Fate of nitrate in the capillary fringe and shallow groundwater in a drained sandy soil. Geoderma, 2008, 146, 209-215.	2.3	13
26	Interpreting morphological features in wetland soils with a hydrologic model. Catena, 2008, 73, 153-165.	2.2	23
27	Hydropedology: Fundamental issues and practical applications. Catena, 2008, 73, 151-152.	2.2	11
28	Solute Transport in the Capillary Fringe and Shallow Groundwater: Field Evaluation. Vadose Zone Journal, 2008, 7, 890-898.	1.3	24
29	Soil Redox Potential: Importance, Field Measurements, and Observations. Advances in Agronomy, 2007, , 1-54.	2.4	188
30	Simulating the water budgets of natural Carolina bay wetlands. Wetlands, 2007, 27, 1112-1123.	0.7	23
31	Application of ground penetrating radar to aid restoration planning for a drained Carolina bay. Wetlands, 2006, 26, 205-216.	0.7	5
32	Dynamics of redoximorphic feature formation under controlled ponding in a created riverine wetland. Wetlands, 2006, 26, 486-496.	0.7	20
33	Estimating primary and secondary subsidence in an organic soil 15, 20, and 30 years after drainage. Wetlands, 2006, 26, 119-130.	0.7	53
34	Sampling Device to Extract Intact Cores in Saturated Organic Soils. Soil Science Society of America Journal, 2005, 69, 2071-2075.	1.2	14
35	Hydrogeology and pedology of saprolite formed from sedimentary rock, eastern Tennessee, USA. Geoderma, 2005, 126, 27-45.	2.3	34
36	Using Historical Records of Land Use to Improve Wetland Mitigation. Southeastern Geographer, 2005, 45, 25-43.	0.1	7

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37	Calibrating Hydric Soil Field Indicators to Longâ€Term Wetland Hydrology. Soil Science Society of America Journal, 2004, 68, 1461-1469.	1.2	39
38	A Method to Predict Soil Saturation Frequency and Duration from Soil Color. Soil Science Society of America Journal, 2003, 67, 961-969.	1.2	17
39	A Method to Predict Soil Saturation Frequency and Duration from Soil Color. Soil Science Society of America Journal, 2003, 67, 961.	1.2	38
40	Adapting a Drainage Model to Simulate Water Table Levels in Coastal Plain Soils. Soil Science Society of America Journal, 2002, 66, 1722-1731.	1.2	40
41	Morphological Changes in Soils Produced When Hydrology Is Altered by Ditching. Soil Science Society of America Journal, 2000, 64, 1893-1904.	1.2	30
42	Magnetic Susceptibility for Use in Delineating Hydric Soils. Soil Science Society of America Journal, 2000, 64, 2174-2180.	1.2	64
43	Dynamics of hydric soil formation across the edge of a created deep marsh. Wetlands, 1999, 19, 78-89.	0.7	32
44	Porosity Factors that Control the Hydraulic Conductivity of Soil-Saprolite Transitional Zones. Soil Science Society of America Journal, 1996, 60, 192-199.	1.2	23
45	Residual Effects of Deep Tillage vs. No-Till on Corn Root Growth and Grain Yield. Journal of Production Agriculture, 1995, 8, 401-405.	0.4	15
46	Quartz Vein Impact on Hydraulic Conductivity and Solute Transport through Quartz-Phyllite Saprolite. Journal of Environmental Quality, 1994, 23, 202-207.	1.0	7
47	Solute Movement through Quartzâ€Diorite Saprolite Containing Quartz Veins and Biological Macropores. Journal of Environmental Quality, 1994, 23, 810-815.	1.0	11
48	Identifying Soils Where Subsoiling Can Increase Yields of Tobacco, Corn, and Cotton. Journal of Production Agriculture, 1992, 5, 482-488.	0.4	10
49	Hydraulic Conductivity of Saprolite as Determined by Channels and Porous Groundmass. Soil Science Society of America Journal, 1991, 55, 932-938.	1.2	52
50	Sampling Device to Extract Inclined, Undisturbed Soil Cores. Soil Science Society of America Journal, 1990, 54, 1192-1195.	1.2	6
51	Corn Root Distribution and Yield Response to Subsoiling for Paleudults Having Different Aggregate Sizes. Soil Science Society of America Journal, 1990, 54, 849-854.	1.2	11
52	A Method to Estimate the Probability that Subsoiling will Increase Crop Yields. Soil Science Society of America Journal, 1988, 52, 229-232.	1.2	5
53	Bulk Density Values Diagnostic of Restricted Root Growth in Coarse-textured Soils. Soil Science Society of America Journal, 1988, 52, 1117-1121.	1.2	40
54	Comparison of the Trenchâ€Profile and Core Methods for Evaluating Root Distributions in Tillage Studies. Agronomy Journal, 1988, 80, 166-172.	0.9	46

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55	Relationships of Soil Properties and Rainfall to Effects of Subsoiling on Tobacco Yield¹. Agronomy Journal, 1987, 79, 141-146.	0.9	10
56	Relationships of Dense Tillage Pans, Soil Properties, and Subsoiling To Tobacco Root Growth. Soil Science Society of America Journal, 1986, 50, 1541-1546.	1.2	7
57	Aquic Moisture Regimes in Soils with and without Low Chroma Colors. Soil Science Society of America Journal, 1983, 47, 280-285.	1.2	62
58	Albic Neoskeletans in Argillic Horizons as Indices of Seasonal Saturation and Iron Reduction1. Soil Science Society of America Journal, 1983, 47, 1202.	1.2	38
59	A SUGGESTED WATER TABLE MONITORING METHOD BASED ON SOIL COLOR PATTERNS. , 0, , .		0
60	A COMPARISON OF SOIL WETNESS BY MORPHOLOGICAL AND MODELING METHODS. , 0, , .		1
61	Soil Micromorphology: Concepts, Techniques, and Applications. Soil Science Society of America Book Series, 0, , 191-225.	0.3	5
62	Overview of Aquic Conditions and Hydric Soils. SSSA Special Publication Series, 0, , 1-22.	0.2	10