Thomas C Voice

List of Publications by Year
in descending order

36 papers	1,467 citations	430874 18 h-index	345221 36 g-index
36 all docs	36 docs citations	36 times ranked	1355 citing authors

#	Article	IF	Citations
1	Evaluation of Modeling Approaches for Sorptionâ€“Desorption Processes in Flow-Through Soil Columns. Journal of Environmental Engineering, ASCE, 2022, 148, .	1.4	2
2	Octanolâ€“Water Partition Coefficients of Aristolochic Acids and Implications to the Etiology of Balkan Endemic Nephropathy. Aquatic Geochemistry, 2020, 26, 183-190.	1.3	5
3	Sorption of Human Adenovirus to Wastewater Solids. Journal of Environmental Engineering, ASCE, 2018, 144, .	1.4	26
4	Stormwater Dissolved Organic Matter: Influence of Land Cover and Environmental Factors. Environmental Science & Technology, 2014, 48, 45-53.	10.0	74
5	Effects of human activities on karst groundwater geochemistry in a rural area in the Balkans. Applied Geochemistry, 2012, 27, 1920-1931.	3.0	18
6	Comparison of nonideal sorption formulations in modeling the transport of phthalate esters through packed soil columns. Journal of Contaminant Hydrology, 2011, 125, 57-69.	3.3	26
7	Simultaneous quantification of dissolved organic carbon fractions and copper complexation using solid-phase extraction. Applied Geochemistry, 2010, 25, 650-660.	3.0	13
8	Effect of pH on degradation of acetaminophen and production of 1,4-benzoquinone in water chlorination. Journal of Water Supply: Research and Technology - AQUA, 2008, 57, 381-390.	1.4	19
9	Separating surface storage from hyporheic retention in natural streams using wavelet decomposition of acoustic Doppler current profiles. Water Resources Research, 2007, 43, .	4.2	31
10	Role of exposure analysis in solving the mystery of Balkan endemic nephropathy. Croatian Medical Journal, 2007, 48, 300-11.	0.7	22
11	Kinetics of Contaminant Desorption from Soil:Â Comparison of Model Formulations Using the Akaike Information Criterion. Environmental Science & Technology, 2006, 40, 7662-7667.	10.0	42
12	Critical Evaluation of Environmental Exposure Agents Suspected in the Etiology of Balkan Endemic Nephropathy. International Journal of Occupational and Environmental Health, 2006, 12, 369-376.	1.2	35
13	Evaluation of the hypothesis that Balkan endemic nephropathy is caused by drinking water exposure to contaminants leaching from Pliocene coal deposits. Journal of Exposure Science and Environmental Epidemiology, 2006, 16, 515-524.	3.9	18
14	Speciation of arsenic and chromium in the leachate from chromated copper arsenate (CCA) type C treated southern pine (Pinus spp.). Holzforschung, 2005, 59, 199-204.	1.9	2
15	Nitrogen species in drinking water indicate potential exposure pathway for Balkan Endemic Nephropathy. Environmental Pollution, 2005, 134, 229-237.	7.5	15
16	Screening methodology for coal-derived organic contaminants in water. International Journal of Environmental Analytical Chemistry, 2004, 84, 277-287.	3.3	11
17	Sorbed atrazine shifts into non-desorbable sites of soil organic matter during aging. Water Research, 2004, 38, 3881-3892.	11.3	42
18	Assessment of Bioavailability of Soil-Sorbed Atrazine. Applied and Environmental Microbiology, 2003, 69, 3288-3298.	3.1	111

#	Article	IF	Citations
19	Time Dependence of Chlorobenzene Sorption/Desorption by Soils. Soil Science Society of America Journal, 2003, 67, 1740-1745.	2.2	9
20	Development of a kinetic basis for bioavailability of sorbed naphthalene in soil slurries. Water Research, 2002, 36, 1620-1628.	11.3	25
21	Biodegradation of Non-desorbable Naphthalene in Soils. Environmental Science & Technology, 2001, 35, 2734-2740.	10.0	65
22	Nonequilibrium Sorption of Dimethylphthalate-Compatibility of Batch and Column Techniques. Soil Science Society of America Journal, 2001, 65, 102-111.	2.2	58
23	Kinetic Modeling of Bioavailability for Sorbedâ€Phase 2,4â€Dichlorophenoxyacetic Acid. Journal of Environmental Quality, 2001, 30, 1523-1527.	2.0	16
24	Comparison of biodegradation kinetic parameters for naphthalene in batch and sand column systems bypseudomonas putida. Environmental Progress, 2001, 20, 93-102.	0.7	6
25	Bioavailability of Soil-Sorbed Biphenyl to Bacteria. Environmental Science & Technology, 2000, 34, 1977-1984.	10.0	74
26	Assessment of Bioavailability Using a Multicolumn System. Environmental Science & Technology, 2000, 34, 1506-1512.	10.0	17
27	Impact of Dissolved Organic Matter on the Desorption and Mineralization Rates of Naphthalene. Journal of Soil Contamination, 1999, 8, 491-507.	0.5	4
28	Effects of residence time and degree of water saturation on sorption nonequilibrium parameters. Journal of Contaminant Hydrology, 1999, 36, 53-72.	3.3	41
29	Sorption and bioavailability of carbon tetrachloride in a low organic content sandy soil. Environmental Toxicology and Chemistry, 1999, 18, 1755-1762.	4.3	17
30	Title is missing!. Water Resources Management, 1998, 12, 81-93.	3.9	5
31	Effects of degree of water saturation on dispersivity and immobile water in sandy soil columns. Journal of Contaminant Hydrology, 1997, 25, 199-218.	3.3	87
32	Simultaneous determination of volatile aromatic and halogenated hydrocarbons in water and soil by dual-channel ECD/PID equilibrium headspace analysis. Journal of High Resolution Chromatography, 1994, 17, 299-302.	1.4	12
33	Kinetics of competitive inhibition and cometabolism in the biodegradation of benzene, toluene, andp-xylene by twoPseudomonasisolates.. Biotechnology and Bioengineering, 1993, 41, 1057-1065.	3.3	224
34	Prediction of leachate concentrations in petroleumâ€contaminated soils. Journal of Soil Contamination, 1992, 1, 81-93.	0.5	7
35	Determination of partition coefficients and aqueous solubilities by reverse phase chromatographyâ€”II. Water Research, 1986, 20, 1443-1450.	11.3	32
36	Effect of solids concentration on the sorptive partitioning of hydrophobic pollutants in aquatic systems. Environmental Science & Technology, 1983, 17, 513-518.	10.0	256