

Thomas C Voice

List of Publications by Year in descending order

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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	Effect of solids concentration on the sorptive partitioning of hydrophobic pollutants in aquatic systems. <i>Environmental Science & Technology</i> , 1983, 17, 513-518.	10.0	256
2	Kinetics of competitive inhibition and cometabolism in the biodegradation of benzene, toluene, and p-xylene by two <i>Pseudomonas</i> isolates. <i>Biotechnology and Bioengineering</i> , 1993, 41, 1057-1065.	3.3	224
3	Assessment of Bioavailability of Soil-Sorbed Atrazine. <i>Applied and Environmental Microbiology</i> , 2003, 69, 3288-3298.	3.1	111
4	Effects of degree of water saturation on dispersivity and immobile water in sandy soil columns. <i>Journal of Contaminant Hydrology</i> , 1997, 25, 199-218.	3.3	87
5	Bioavailability of Soil-Sorbed Biphenyl to Bacteria. <i>Environmental Science & Technology</i> , 2000, 34, 1977-1984.	10.0	74
6	Stormwater Dissolved Organic Matter: Influence of Land Cover and Environmental Factors. <i>Environmental Science & Technology</i> , 2014, 48, 45-53.	10.0	74
7	Biodegradation of Non-desorbable Naphthalene in Soils. <i>Environmental Science & Technology</i> , 2001, 35, 2734-2740.	10.0	65
8	Nonequilibrium Sorption of Dimethylphthalate-Compatibility of Batch and Column Techniques. <i>Soil Science Society of America Journal</i> , 2001, 65, 102-111.	2.2	58
9	Sorbed atrazine shifts into non-desorbable sites of soil organic matter during aging. <i>Water Research</i> , 2004, 38, 3881-3892.	11.3	42
10	Kinetics of Contaminant Desorption from Soil: A Comparison of Model Formulations Using the Akaike Information Criterion. <i>Environmental Science & Technology</i> , 2006, 40, 7662-7667.	10.0	42
11	Effects of residence time and degree of water saturation on sorption nonequilibrium parameters. <i>Journal of Contaminant Hydrology</i> , 1999, 36, 53-72.	3.3	41
12	Critical Evaluation of Environmental Exposure Agents Suspected in the Etiology of Balkan Endemic Nephropathy. <i>International Journal of Occupational and Environmental Health</i> , 2006, 12, 369-376.	1.2	35
13	Determination of partition coefficients and aqueous solubilities by reverse phase chromatography. <i>Water Research</i> , 1986, 20, 1443-1450.	11.3	32
14	Separating surface storage from hyporheic retention in natural streams using wavelet decomposition of acoustic Doppler current profiles. <i>Water Resources Research</i> , 2007, 43, .	4.2	31
15	Comparison of nonideal sorption formulations in modeling the transport of phthalate esters through packed soil columns. <i>Journal of Contaminant Hydrology</i> , 2011, 125, 57-69.	3.3	26
16	Sorption of Human Adenovirus to Wastewater Solids. <i>Journal of Environmental Engineering, ASCE</i> , 2018, 144, .	1.4	26
17	Development of a kinetic basis for bioavailability of sorbed naphthalene in soil slurries. <i>Water Research</i> , 2002, 36, 1620-1628.	11.3	25
18	Role of exposure analysis in solving the mystery of Balkan endemic nephropathy. <i>Croatian Medical Journal</i> , 2007, 48, 300-11.	0.7	22

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19	Effect of pH on degradation of acetaminophen and production of 1,4-benzoquinone in water chlorination. <i>Journal of Water Supply: Research and Technology - AQUA</i> , 2008, 57, 381-390.	1.4	19
20	Evaluation of the hypothesis that Balkan endemic nephropathy is caused by drinking water exposure to contaminants leaching from Pliocene coal deposits. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2006, 16, 515-524.	3.9	18
21	Effects of human activities on karst groundwater geochemistry in a rural area in the Balkans. <i>Applied Geochemistry</i> , 2012, 27, 1920-1931.	3.0	18
22	Sorption and bioavailability of carbon tetrachloride in a low organic content sandy soil. <i>Environmental Toxicology and Chemistry</i> , 1999, 18, 1755-1762.	4.3	17
23	Assessment of Bioavailability Using a Multicolumn System. <i>Environmental Science & Technology</i> , 2000, 34, 1506-1512.	10.0	17
24	Kinetic Modeling of Bioavailability for Sorbed 2,4-Dichlorophenoxyacetic Acid. <i>Journal of Environmental Quality</i> , 2001, 30, 1523-1527.	2.0	16
25	Nitrogen species in drinking water indicate potential exposure pathway for Balkan Endemic Nephropathy. <i>Environmental Pollution</i> , 2005, 134, 229-237.	7.5	15
26	Simultaneous quantification of dissolved organic carbon fractions and copper complexation using solid-phase extraction. <i>Applied Geochemistry</i> , 2010, 25, 650-660.	3.0	13
27	Simultaneous determination of volatile aromatic and halogenated hydrocarbons in water and soil by dual-channel ECD/PID equilibrium headspace analysis. <i>Journal of High Resolution Chromatography</i> , 1994, 17, 299-302.	1.4	12
28	Screening methodology for coal-derived organic contaminants in water. <i>International Journal of Environmental Analytical Chemistry</i> , 2004, 84, 277-287.	3.3	11
29	Time Dependence of Chlorobenzene Sorption/Desorption by Soils. <i>Soil Science Society of America Journal</i> , 2003, 67, 1740-1745.	2.2	9
30	Prediction of leachate concentrations in petroleum-contaminated soils. <i>Journal of Soil Contamination</i> , 1992, 1, 81-93.	0.5	7
31	Comparison of biodegradation kinetic parameters for naphthalene in batch and sand column systems by <i>Pseudomonas putida</i> . <i>Environmental Progress</i> , 2001, 20, 93-102.	0.7	6
32	Title is missing!. <i>Water Resources Management</i> , 1998, 12, 81-93.	3.9	5
33	Octanol-Water Partition Coefficients of Aristolochic Acids and Implications to the Etiology of Balkan Endemic Nephropathy. <i>Aquatic Geochemistry</i> , 2020, 26, 183-190.	1.3	5
34	Impact of Dissolved Organic Matter on the Desorption and Mineralization Rates of Naphthalene. <i>Journal of Soil Contamination</i> , 1999, 8, 491-507.	0.5	4
35	Speciation of arsenic and chromium in the leachate from chromated copper arsenate (CCA) type C treated southern pine (<i>Pinus</i> spp.). <i>Holzforchung</i> , 2005, 59, 199-204.	1.9	2
36	Evaluation of Modeling Approaches for Sorption-Desorption Processes in Flow-Through Soil Columns. <i>Journal of Environmental Engineering, ASCE</i> , 2022, 148, .	1.4	2