

Joseph J Delfino

List of Publications by Year in descending order

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44
papers

1,414
citations

331670

21
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docs citations

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Partitioning of aromatic constituents into water from gasoline and other complex solvent mixtures. <i>Environmental Science & Technology</i> , 1991, 25, 914-920.	10.0	185
2	Partitioning of polycyclic aromatic hydrocarbons from diesel fuel into water. <i>Environmental Science & Technology</i> , 1992, 26, 2104-2110.	10.0	172
3	Dissolution rates of three high explosive compounds: TNT, RDX, and HMX. <i>Chemosphere</i> , 2002, 47, 725-734.	8.2	81
4	Effects of pH and Temperature on the Aqueous Solubility and Dissolution Rate of 2,4,6-Trinitrotoluene (TNT), Hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX), and Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine (HMX). <i>Journal of Chemical & Engineering Data</i> , 2001, 46, 1549-1555.	1.9	80
5	Chemistry of manganese in Lake Mendota, Wisconsin. <i>Environmental Science & Technology</i> , 1968, 2, 1094-1100.	10.0	63
6	Comparison of sediment extract microtox [®] toxicity with semi-volatile organic priority pollutant concentrations. <i>Archives of Environmental Contamination and Toxicology</i> , 1993, 24, 461-468.	4.1	54
7	The toxicity of sulfur to microtox [®] from acetonitrile extracts of contaminated sediments. <i>Environmental Toxicology and Chemistry</i> , 1992, 11, 1137-1143.	4.3	53
8	Fate of aldicarb, aldicarb sulfoxide, and aldicarb sulfone in Floridan groundwater. <i>Journal of Agricultural and Food Chemistry</i> , 1985, 33, 455-460.	5.2	50
9	Hydrologic and biotic influences on nitrate removal in a subtropical spring-fed river. <i>Limnology and Oceanography</i> , 2010, 55, 249-263.	3.1	47
10	Comparison of sorption energetics for hydrophobic organic chemicals by synthetic and natural sorbents from methanol/water solvent mixtures. <i>Environmental Science & Technology</i> , 1989, 23, 407-413.	10.0	46
11	Determination of aldicarb and its derivatives in groundwater by high-performance liquid chromatography with UV detection. <i>Journal of Chromatography A</i> , 1984, 299, 275-280.	3.7	39
12	Identification of isopropylbiphenyl, alkyl diphenylmethanes, diisopropyl naphthalene, linear alkyl benzenes and other polychlorinated biphenyl replacement compounds in effluents, sediments and fish in the fox river system, wisconsin. <i>Biological Mass Spectrometry</i> , 1990, 19, 755-770.	0.5	34
13	Partitioning of organic and inorganic components from motor oil into water. <i>Chemosphere</i> , 1994, 28, 1385-1400.	8.2	32
14	Polychlorinated biphenyls in the fish and sediment of the Lower Fox River, Wisconsin. <i>Bulletin of Environmental Contamination and Toxicology</i> , 1983, 30, 58-64.	2.7	30
15	Effects of Component Interactions on the Aqueous Solubilities and Dissolution Rates of the Explosive Formulations Octol, Composition B, and LX-14. <i>Journal of Chemical & Engineering Data</i> , 2002, 47, 542-549.	1.9	30
16	Nonaqueous Phase Liquid Dissolution and Soil Organic Matter Sorption in Porous Media: Review of System Similarities. <i>Critical Reviews in Environmental Science and Technology</i> , 2002, 32, 337-397.	12.8	30
17	Toxic substances in the Great Lakes. <i>Environmental Science & Technology</i> , 1979, 13, 1462-1468.	10.0	29
18	Ecological-economic evaluation of wetland management alternatives. <i>Ecological Engineering</i> , 1998, 11, 291-302.	3.6	28

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19	Variation of manganese, dissolved oxygen and related chemical parameters in the bottom waters of Lake Mendota, Wisconsin. <i>Water Research</i> , 1971, 5, 1207-1217.	11.3	27
20	THE RELATIONSHIP BETWEEN DISINFECTION BY-PRODUCT FORMATION AND STRUCTURAL CHARACTERISTICS OF HUMIC SUBSTANCES IN CHLORAMINATION. <i>Environmental Toxicology and Chemistry</i> , 2003, 22, 2845.	4.3	24
21	A Gas Chromatographic/Chemical Indicator Approach to Assessing Ground Water Contamination by Petroleum Products. <i>Ground Water Monitoring and Remediation</i> , 1991, 11, 90-100.	0.8	22
22	Development of a continuously stirred flow cell for investigating sorption mass transfer. <i>Journal of Contaminant Hydrology</i> , 1997, 25, 337-355.	3.3	22
23	Distribution of manganese, iron, phosphorus, magnesium, potassium, sodium, and calcium in the surface sediments of Lake Mendota, Wisconsin. <i>Environmental Science & Technology</i> , 1969, 3, 1189-1192.	10.0	21
24	Non-regulated organic compounds in Florida sediments. <i>Water Research</i> , 1993, 27, 1601-1613.	11.3	21
25	Selected resin acids in effluent and receiving waters derived from a bleached and unbleached kraft pulp and paper mill. <i>Environmental Toxicology and Chemistry</i> , 2003, 22, 214-218.	4.3	19
26	DETERMINING MINIMUM FLOWS AND LEVELS: THE FLORIDA EXPERIENCE. <i>Journal of the American Water Resources Association</i> , 2005, 41, 1-10.	2.4	19
27	An exploratory approach to modeling explosive compound persistence and flux using dissolution kinetics. <i>Journal of Contaminant Hydrology</i> , 2003, 66, 147-159.	3.3	18
28	Disinfection Byproduct Formation from the Preparation of Instant Tea. <i>Journal of Agricultural and Food Chemistry</i> , 1998, 46, 3272-3279.	5.2	16
29	Acute toxicity of aldicarb, aldicarb sulfoxide, and aldicarb sulfone to <i>Daphnia laevis</i> . <i>Bulletin of Environmental Contamination and Toxicology</i> , 1985, 35, 546-550.	2.7	15
30	Efficient screening method for determining base/neutral and acidic semi-volatile organic priority pollutants in sediments. <i>Journal of Chromatography A</i> , 1993, 643, 341-350.	3.7	12
31	Chemistry of N and Mn Cox Hollow Lake, Wis., Following Destratification. <i>ASCE Sanitary Engineering Division Journal</i> , 1969, 95, 929-942.	0.1	11
32	Minimum Wet-Season Flows and Levels in Southwest Florida Rivers. <i>Journal of the American Water Resources Association</i> , 2007, 43, 522-532.	2.4	10
33	Colorimetric determination of manganese in lake waters. <i>Environmental Science & Technology</i> , 1969, 3, 761-764.	10.0	9
34	Mussels drive polychlorinated biphenyl (PCB) biomagnification in a coastal food web. <i>Scientific Reports</i> , 2021, 11, 9180.	3.3	9
35	Trace metal transport in two tributaries of the Upper Chesapeake Bay: the Susquehanna and Bush Rivers. <i>Marine Chemistry</i> , 1986, 20, 29-44.	2.3	8
36	EFFECT OF pH ON PHOSPHORUS RELEASE DURING MACROPHYTE (<i>ELEOCHARIS</i> sp.) DECOMPOSITION. <i>Journal of the American Water Resources Association</i> , 1987, 23, 829-831.	2.4	8

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37	The Effect of Structural Characteristics of Humic Substances on Disinfection By-Product Formation in Chlorination. ACS Symposium Series, 2000, , 109-121.	0.5	8
38	Cosolvent Effects of Oxygenated Fuels on PAH Solubility. Journal of Environmental Engineering, ASCE, 1997, 123, 354-363.	1.4	7
39	Effects of river discharge and suspended sediment on water quality in the Mississippi River. Journal of Environmental Science and Health Part A, Environmental Science and Engineering, 1977, 12, 79-94.	0.1	6
40	Wetland retention of lead from a hazardous waste site. Bulletin of Environmental Contamination and Toxicology, 1993, 51, 430-7.	2.7	6
41	Interlaboratory study of the determination of polychlorinated biphenyls in a paper mill effluent. Analytical Chemistry, 1979, 51, 2235-2239.	6.5	5
42	Revisiting heavy metals in the environment: using wetlands for their removal. Ecological Modelling, 2004, 178, 35-38.	2.5	4
43	Correlations between PID and FID Field Analytical Instruments in the Analysis of Soil Contaminated with Diesel Fuel. Soil and Sediment Contamination, 2003, 12, 151-164.	1.9	2
44	SELECTED RESIN ACIDS IN EFFLUENT AND RECEIVING WATERS DERIVED FROM A BLEACHED AND UNBLEACHED KRAFT PULP AND PAPER MILL. Environmental Toxicology and Chemistry, 2003, 22, 214.	4.3	2