Joseph J Pignatello

List of Publications by Year
in descending order

130 papers	21,509 citations	17440 63 h-index	13379 130 g-index
132 all docs	132 docs citations	132 times ranked	13397 citing authors

#	Article	IF	Citations
1	Sorption and Mobility of Charged Organic Compounds: How to Confront and Overcome Limitations in Their Assessment. Environmental Science & Technology, 2022, 56, 4702-4710.	10.0	41
2	Mn(II) Acceleration of the Picolinic Acid-Assisted Fenton Reaction: New Insight into the Role of Manganese in Homogeneous Fenton AOPs. Environmental Science & Technology, 2022, 56, 6621-6630.	10.0	31
3	Adsorption of Organic Compounds by Biomass Chars: Direct Role of Aromatic Condensation (Ring) Tj ETQq1 1 0.784314 rgBT /Overlock Technology, 2021, 55, 1594-1603.	10.0	16
4	Abatement of Polycyclic Aromatic Hydrocarbon Residues in Biochars by Thermal Oxidation. Environmental Science and Technology Letters, 2021, 8, 451-456.	8.7	8
5	The Fenton Reaction in Water Assisted by Picolinic Acid: Accelerated Iron Cycling and Co-generation of a Selective Fe-Based Oxidant. Environmental Science & Technology, 2021, 55, 8299-8308.	10.0	84
6	Evaluation of select biochars and clays as supports for phytase to increase the fertilizer potential of animal wastes. Science of the Total Environment, 2021, 787, 147720.	8.0	5
7	Physicochemical Changes in Biomass Chars by Thermal Oxidation or Ambient Weathering and Their Impacts on Sorption of a Hydrophobic and a Cationic Compound. Environmental Science & Technology, 2021, 55, 13072-13081.	10.0	7
8	Revisiting the phenanthroline and ferrozine colorimetric methods for quantification of Fe(II) in Fenton reactions. Chemical Engineering Journal, 2020, 391, 123592.	12.7	32
9	Reaction of Substituted Phenols with Lignin Char: Dual Oxidative and Reductive Pathways Depending on Substituents and Conditions. Environmental Science & Technology, 2020, 54, 15811-15820.	10.0	21
10	Importance of Soil Properties and Processes on Bioavailability of Organic Compounds. Handbook of Environmental Chemistry, 2020, , 7-41.	0.4	6
11	Modification of pyrogenic carbons for phosphate sorption through binding of a cationic polymer. Journal of Colloid and Interface Science, 2020, 579, 258-268.	9.4	28
12	Peroxymonosulfate Oxidizes Amino Acids in Water without Activation. Environmental Science & Technology, 2019, 53, 10845-10854.	10.0	61
13	Effects of post-pyrolysis air oxidation on the chemical composition of biomass chars investigated by solid-state nuclear magnetic resonance spectroscopy. Carbon, 2019, 153, 173-178.	10.3	10
14	Modified carbons for enhanced nucleophilic substitution reactions of adsorbed methyl bromide. Applied Catalysis B: Environmental, 2018, 233, 281-288.	20.2	6
15	Oxidation of Organic Compounds in Water by Unactivated Peroxymonosulfate. Environmental Science & Technology, 2018, 52, 5911-5919.	10.0	576
16	Bioaccumulation of CeO₂ Nanoparticles by Earthworms in Biochar-Amended Soil: A Synchrotron Microspectroscopy Study. Journal of Agricultural and Food Chemistry, 2018, 66, 6609-6618.	5.2	24
17	Bioaccessibility of PAHs and PAH derivatives in a fuel soot assessed by an in vitro digestive model with absorptive sink: Effects of aging the soot in a soil-water mixture. Science of the Total Environment, 2018, 615, 169-176.	8.0	15
18	Thermal air oxidation changes surface and adsorptive properties of black carbon (char/biochar). Science of the Total Environment, 2018, 618, 276-283.	8.0	51

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19	Charge-assisted hydrogen bonding as a cohesive force in soil organic matter: water solubility enhancement by addition of simple carboxylic acids. Environmental Sciences: Processes and Impacts, 2018, 20, 1225-1233.	3.5	12
20	Adsorption and desorption of nitrous oxide by raw and thermally air-oxidized chars. Science of the Total Environment, 2018, 643, 1436-1445.	8.0	23
21	Exposure of agricultural crops to nanoparticle CeO2 in biochar-amended soil. Plant Physiology and Biochemistry, 2017, 110, 147-157.	5.8	55
22	Activated carbon-mediated base hydrolysis of alkyl bromides. Applied Catalysis B: Environmental, 2017, 211, 68-78.	20.2	11
23	Structural Transformation of Biochar Black Carbon by C60 Superstructure: Environmental Implications. Scientific Reports, 2017, 7, 11787.	3.3	4
24	Activity and Reactivity of Pyrogenic Carbonaceous Matter toward Organic Compounds. Environmental Science & Technology, 2017, 51, 8893-8908.	10.0	213
25	Surface Interactions between Gold Nanoparticles and Biochar. Scientific Reports, 2017, 7, 5027.	3.3	22
26	Degradation of p-Nitrophenol by Lignin and Cellulose Chars: H₂O₂-Mediated Reaction and Direct Reaction with the Char. Environmental Science & Technology, 2017, 51, 8972-8980.	10.0	108
27	Participation of the Halogens in Photochemical Reactions in Natural and Treated Waters. Molecules, 2017, 22, 1684.	3.8	52
28	Effects of Post-Pyrolysis Air Oxidation of Biomass Chars on Adsorption of Neutral and Ionizable Compounds. Environmental Science & Technology, 2016, 50, 6276-6283.	10.0	88
29	Bioaccessibility of nitro- and oxy-PAHs in fuel soot assessed by an inÂvitro digestive model with absorptive sink. Environmental Pollution, 2016, 218, 901-908.	7.5	13
30	ISOT_Calc: A versatile tool for parameter estimation in sorption isotherms. Computers and Geosciences, 2016, 94, 11-17.	4.2	11
31	Investigation of sorbate-induced plasticization of Pahokee peat by solid-state NMR spectroscopy. Journal of Soils and Sediments, 2016, 16, 1841-1848.	3.0	4
32	Effect of matrix components on UV/H2O2 and UV/S2O82â˜ advanced oxidation processes for trace organic degradation in reverse osmosis brines from municipal wastewater reuse facilities. Water Research, 2016, 89, 192-200.	11.3	232
33	Activation of Hydrogen Peroxide and Solid Peroxide Reagents by Phosphate Ion in Alkaline Solution. Environmental Engineering Science, 2016, 33, 193-199.	1.6	20
34	Environmental fate of the fungicide metalaxyl in soil amended with composted olive-mill waste and its biochar: An enantioselective study. Science of the Total Environment, 2016, 541, 776-783.	8.0	63
35	Bioaccessibility of PAHs in Fuel Soot Assessed by an in Vitro Digestive Model with Absorptive Sink: Effect of Food Ingestion. Environmental Science & Technology, 2015, 49, 14641-14648.	10.0	42
36	Active removal of biochar by earthworms (Lumbricus terrestris). Pedobiologia, 2015, 58, 1-6.	1.2	28

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37	Reduction of Nitroaromatics Sorbed to Black Carbon by Direct Reaction with Sorbed Sulfides. Environmental Science & Technology, 2015, 49, 3419-3426.	10.0	66
38	Competitive Sorption Used To Probe Strong Hydrogen Bonding Sites for Weak Organic Acids on Carbon Nanotubes. Environmental Science & Technology, 2015, 49, 1409-1417.	10.0	58
39	Reoxidation of Photoreduced Polyoxotungstate ([PW₁₂O₄₀]^{4â€“}) by Different Oxidants in the Presence of a Model Pollutant. Kinetics and Reaction Mechanism. Journal of Physical Chemistry A, 2015, 119, 1055-1065.	2.5	24
40	Ï€⁺â€“Ï€ Interactions between (Hetero)aromatic Amine Cations and the Graphitic Surfaces of Pyrogenic Carbonaceous Materials. Environmental Science & Technology, 2015, 49, 906-914.	10.0	105
41	Bioacessibility of PAHs in Fuel Soot Assessed by an in Vitro Digestive Model: Effect of Including an Absorptive Sink. Environmental Science & Technology, 2015, 49, 3905-3912.	10.0	53
42	Interactions of triazine herbicides with biochar: Steric and electronic effects. Water Research, 2015, 80, 179-188.	11.3	127
43	Heteroaggregation of Cerium Oxide Nanoparticles and Nanoparticles of Pyrolyzed Biomass. Environmental Science & Technology, 2015, 49, 13294-13303.	10.0	78
44	Synthesis and Application of a Quaternary Phosphonium Polymer Coagulant To Avoid N-Nitrosamine Formation. Environmental Science & Technology, 2014, 48, 13392-13401.	10.0	22
45	Sunlight-Driven Photochemical Halogenation of Dissolved Organic Matter in Seawater: A Natural Abiotic Source of Organobromine and Organoiodine. Environmental Science & Technology, 2014, 48, 7418-7427.	10.0	80
46	Influence of Molecular Structure and Adsorbent Properties on Sorption of Organic Compounds to a Temperature Series of Wood Chars. Environmental Science & Technology, 2014, 48, 4790-4798.	10.0	137
47	Comparison of Halide Impacts on the Efficiency of Contaminant Degradation by Sulfate and Hydroxyl Radical-Based Advanced Oxidation Processes (AOPs). Environmental Science & Technology, 2014, 48, 2344-2351.	10.0	785
48	Sorption Selectivity in Natural Organic Matter Probed with Fully Deuterium-Exchanged and Carbonyl-¹³C-Labeled Benzophenone and ¹Hâ€“¹³C NMR Spectroscopy. Environmental Science & Technology, 2014, 48, 8645-8652.	10.0	21
49	Effect of Adsorption Nonlinearity on the pHâ€“Adsorption Profile of Ionizable Organic Compounds. Langmuir, 2014, 30, 1994-2001.	3.5	30
50	Characterization of oil shale, isolated kerogen, and postpyrolysis residues using advanced 13C solid-state nuclear magnetic resonance spectroscopy. AAPG Bulletin, 2013, 97, 421-436.	1.5	31
51	Catalytic oxidation for elimination of methyl bromide fumigation emissions using ceria-based catalysts. Applied Catalysis B: Environmental, 2013, 142-143, 785-794.	20.2	14
52	Role of Black Carbon Electrical Conductivity in Mediating Hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX) Transformation on Carbon Surfaces by Sulfides. Environmental Science & Technology, 2013, 47, 7129-7136.	10.0	155
53	Predicting Contaminant Adsorption in Black Carbon (Biochar)-Amended Soil for the Veterinary Antimicrobial Sulfamethazine. Environmental Science & Technology, 2013, 47, 6197-6205.	10.0	104
54	New Insight into Adsorption Mechanism of Ionizable Compounds on Carbon Nanotubes. Environmental Science & Technology, 2013, 47, 130710121153005.	10.0	44

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55	Influence of Ionic Strength on Triplet-State Natural Organic Matter Loss by Energy Transfer and Electron Transfer Pathways. Environmental Science & Technology, 2013, 47, 10987-10994.	10.0	109
56	Laboratory Tests of Biochars as Absorbents for Use in Recovery or Containment of Marine Crude Oil Spills. Environmental Engineering Science, 2013, 30, 374-380.	1.6	44
57	Evidence of Micropore Filling for Sorption of Nonpolar Organic Contaminants by Condensed Organic Matter. Journal of Environmental Quality, 2013, 42, 806-814.	2.0	34
58	Adsorption of Dissolved Organic Compounds by Black Carbon. , 2013, , 359-385.		8
59	Characterization of Wood Chars Produced at Different Temperatures Using Advanced Solid-State ¹³C NMR Spectroscopic Techniques. Energy & Fuels, 2012, 26, 5983-5991.	5.1	132
60	Dynamic interactions of natural organic matter and organic compounds. Journal of Soils and Sediments, 2012, 12, 1241-1256.	3.0	65
61	Impact of Halide Ions on Natural Organic Matter-Sensitized Photolysis of 17Î²-Estradiol in Saline Waters. Environmental Science & Technology, 2012, 46, 7128-7134.	10.0	83
62	Advanced Solid-State NMR Characterization of Marine Dissolved Organic Matter Isolated Using the Coupled Reverse Osmosis/Electrodialysis Method. Environmental Science & Technology, 2012, 46, 5806-5814.	10.0	60
63	Preparation and characterization of humic acid cross-linked with organic bridging groups. Organic Geochemistry, 2012, 47, 132-138.	1.8	13
64	Sorption Selectivity in Natural Organic Matter Studied with Nitroxyl Paramagnetic Relaxation Probes. Environmental Science & Technology, 2012, 46, 12814-12822.	10.0	22
65	Adsorption of Aromatic Carboxylate Ions to Black Carbon (Biochar) Is Accompanied by Proton Exchange with Water. Environmental Science & Technology, 2011, 45, 9240-9248.	10.0	128
66	Speciation of the Ionizable Antibiotic Sulfamethazine on Black Carbon (Biochar). Environmental Science & Technology, 2011, 45, 10020-10027.	10.0	407
67	Sorbic acid as a quantitative probe for the formation, scavenging and steady-state concentrations of the triplet-excited state of organic compounds. Water Research, 2011, 45, 6535-6544.	11.3	150
68	Effect of Biochar Amendments on Mycorrhizal Associations and Fusarium Crown and Root Rot of Asparagus in Replant Soils. Plant Disease, 2011, 95, 960-966.	1.4	224
69	Sources, Interactions, and Ecological Impacts of Organic Contaminants in Water, Soil, and Sediment: An Introduction to the Special Series. Journal of Environmental Quality, 2010, 39, 1133-1138.	2.0	16
70	Effect of Halide Ions and Carbonates on Organic Contaminant Degradation by Hydroxyl Radical-Based Advanced Oxidation Processes in Saline Waters. Environmental Science & Technology, 2010, 44, 6822-6828.	10.0	717
71	Impact of halides on the photobleaching of dissolved organic matter. Marine Chemistry, 2009, 115, 134-144.	2.3	82
72	Sorption irreversibility of 1,4â€dichlorobenzene in two natural organic matterâ€“rich geosorbents. Environmental Toxicology and Chemistry, 2009, 28, 447-457.	4.3	37

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73	Adsorption of 2,4,6-trichlorophenol by multi-walled carbon nanotubes as affected by Cu(II). Water Research, 2009, 43, 2409-2418.	11.3	135
74	Bioavailability of Contaminants in Soil. Soil Biology, 2009, , 35-71.	0.8	8
75	On the Reversibility of Sorption to Black Carbon:Â Distinguishing True Hysteresis from Artificial Hysteresis Caused by Dilution of a Competing Adsorbate. Environmental Science & Technology, 2007, 41, 843-849.	10.0	42
76	Effect of Natural Organic Substances on the Surface and Adsorptive Properties of Environmental Black Carbon (Char):Â Attenuation of Surface Activity by Humic and Fulvic Acids. Environmental Science & Technology, 2006, 40, 7757-7763.	10.0	382
77	Conditioning-Annealing Studies of Natural Organic Matter Solids Linking Irreversible Sorption to Irreversible Structural Expansion. Environmental Science & Technology, 2006, 40, 170-178.	10.0	59
78	Nonlinear and Competitive Sorption of Apolar Compounds in Black Carbonâ€Free Natural Organic Materials. Journal of Environmental Quality, 2006, 35, 1049-1059.	2.0	74
79	Advanced Oxidation Processes for Organic Contaminant Destruction Based on the Fenton Reaction and Related Chemistry. Critical Reviews in Environmental Science and Technology, 2006, 36, 1-84.	12.8	3,098
80	A Thermodynamically Based Method to Quantify True Sorption Hysteresis. Journal of Environmental Quality, 2005, 34, 1063-1072.	2.0	141
81	An Isotope Exchange Technique to Assess Mechanisms of Sorption Hysteresis Applied to Naphthalene in Kerogenous Organic Matter. Environmental Science & Technology, 2005, 39, 7476-7484.	10.0	57
82	A Concentration-Dependent Multi-Term Linear Free Energy Relationship for Sorption of Organic Compounds to Soils Based on the Hexadecane Dilute-Solution Reference State. Environmental Science & Technology, 2005, 39, 8817-8828.	10.0	49
83	Characterization of Aromatic Compound Sorptive Interactions with Black Carbon (Charcoal) Assisted by Graphite as a Model. Environmental Science & Technology, 2005, 39, 2033-2041.	10.0	383
84	Adsorption of Single-Ring Organic Compounds to Wood Charcoals Prepared under Different Thermochemical Conditions. Environmental Science & Technology, 2005, 39, 3990-3998.	10.0	247
85	Characterization of Charcoal Adsorption Sites for Aromatic Compounds:â€‰ Insights Drawn from Single-Solute and Bi-Solute Competitive Experiments. Environmental Science & Technology, 2005, 39, 1606-1615.	10.0	180
86	Effect of Natural Organic Substances on the Surface and Adsorptive Properties of Environmental Black Carbon (Char):â€‰ Pseudo Pore Blockage by Model Lipid Components and Its Implications for N2-Probed Surface Properties of Natural Sorbents. Environmental Science & Technology, 2005, 39, 7932-7939.	10.0	185
87	Sorption of Apolar Aromatic Compounds to Soil Humic Acid Particles Affected by Aluminum(III) Ion Crossâ€Linking. Journal of Environmental Quality, 2004, 33, 1314-1321.	2.0	96
88	Formation of Ï€â€“Ï€ Complexes between Phenanthrene and Model Ï€â€Acceptor Humic Subunits. Journal of Environmental Quality, 2004, 33, 265-275.	2.0	82
89	MODEL-AIDED CHARACTERIZATION OF TENAXÂ®-TA FOR AROMATIC COMPOUND UPTAKE FROM WATER. Environmental Toxicology and Chemistry, 2004, 23, 1592.	4.3	41
90	History-Dependent Sorption in Humic Acids and a Lignite in the Context of a Polymer Model for Natural Organic Matterâ€. Environmental Science & Technology, 2004, 38, 5853-5862.	10.0	62

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91	Evidence for Ï€â^'Ï€ Electron Donorâ^'Acceptor Interactions between Ï€-Donor Aromatic Compounds and Ï€-Acceptor Sites in Soil Organic Matter through pH Effects on Sorption. Environmental Science & Technology, 2004, 38, 4361-4368.	10.0	249
92	Sorption Hysteresis of Benzene in Charcoal Particles. Environmental Science & Technology, 2003, 37, 409-417.	10.0	305
93	Demonstration of the â€œConditioning Effectâ€•in Soil Organic Matter in Support of a Pore Deformation Mechanism for Sorption Hysteresis. Environmental Science & Technology, 2002, 36, 4553-4561.	10.0	166
94	Application of the dual-mode model for predicting competitive sorption equilibria and rates of polycyclic aromatic hydrocarbons in estuarine sediment suspensions. Environmental Toxicology and Chemistry, 2002, 21, 2276-82.	4.3	0
95	Dual-mode modeling of competitive and concentration-dependent sorption and desorption kinetics of polycyclic aromatic hydrocarbons in soils. Water Resources Research, 2001, 37, 2205-2212.	4.2	56
96	Detailed Sorption Isotherms of Polar and Apolar Compounds in a High-Organic Soil. Environmental Science & Technology, 2001, 35, 84-94.	10.0	163
97	Effect of Solute Concentration on Sorption of Polyaromatic Hydrocarbons in Soil:Â Uptake Rates. Environmental Science & Technology, 2001, 35, 2765-2772.	10.0	44
98	An Approach for Incorporating Information on Chemical Availability in Soils into Risk Assessment and Risk-Based Decision Making, Prepared by: The New England Environmentally Acceptable Endpoints Workgroup. Human and Ecological Risk Assessment (HERA), 2000, 6, 479-510.	3.4	11
99	The Measurement and Interpretation of Sorption and Desorption Rates for Organic Compounds in Soil Media. Advances in Agronomy, 1999, 69, 1-73.	5.2	85
100	Degradation and detoxification of the wood preservatives creosote and pentachlorophenol in water by the photo-Fenton reaction. Water Research, 1999, 33, 1151-1158.	11.3	91
101	Degradation of selected pesticide active ingredients and commercial formulations in water by the photo-assisted Fenton reaction. Water Research, 1999, 33, 1238-1246.	11.3	310
102	Pignatello and Xing's Comment on â€œEvaluation of the Glassy/Rubbery Model for Soil Organic Matterâ€• Environmental Science & Technology, 1999, 33, 2837-2838.	10.0	17
103	Influence of Bisolute Competition on the Desorption Kinetics of Polycyclic Aromatic Hydrocarbons in Soil. Environmental Science & Technology, 1999, 33, 4292-4298.	10.0	80
104	Evidence for an Additional Oxidant in the Photoassisted Fenton Reaction. Environmental Science & Technology, 1999, 33, 1832-1839.	10.0	363
105	Competitive Sorption between 1,3-Dichlorobenzene or 2,4-Dichlorophenol and Natural Aromatic Acids in Soil Organic Matter. Environmental Science & Technology, 1998, 32, 614-619.	10.0	131
106	Role of Quinone Intermediates as Electron Shuttles in Fenton and Photoassisted Fenton Oxidations of Aromatic Compounds. Environmental Science & Technology, 1997, 31, 2399-2406.	10.0	574
107	Sequestration of Hydrophobic Organic Contaminants by Geosorbents. Environmental Science & Technology, 1997, 31, 3341-3347.	10.0	923
108	Response to Comment on â€œCompetitive Sorption between Atrazine and Other Organic Compounds in Soils and Model Sorbentsâ€• Environmental Science & Technology, 1997, 31, 1578-1579.	10.0	10

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109	Dual-Mode Sorption of Low-Polarity Compounds in Glassy Poly(Vinyl Chloride) and Soil Organic Matter. Environmental Science & Technology, 1997, 31, 792-799.	10.0	705
110	Mechanisms of Slow Sorption of Organic Chemicals to Natural Particles. Environmental Science & Technology, 1996, 30, 1-11.	10.0	1,500
111	Reduction of Perchloroalkanes by Ferrioxalate-Generated Carboxylate Radical Preceding Mineralization by the Photo-Fenton Reaction. Environmental Science & Technology, 1996, 30, 3457-3463.	10.0	76
112	Competitive Sorption between Atrazine and Other Organic Compounds in Soils and Model Sorbents. Environmental Science & Technology, 1996, 30, 2432-2440.	10.0	491
113	Complete oxidation of metolachlor and methyl parathion in water by the photoassisted Fenton reaction. Water Research, 1995, 29, 1837-1844.	11.3	134
114	Evidence for a surface dual hole-radical mechanism in the titanium dioxide photocatalytic oxidation of 2,4-D.. Environmental Science & Technology, 1995, 29, 2065-2072.	10.0	161
115	Ferric Complexes as Catalysts for â€œFentonâ€•Degradation of 2,4â€Ð and Metolachlor in Soil. Journal of Environmental Quality, 1994, 23, 365-370.	2.0	86
116	Activation of hydrogen peroxide by iron(III) chelates for abiotic degradation of herbicides and insecticides in water. Journal of Agricultural and Food Chemistry, 1993, 41, 308-312.	5.2	119
117	Photochemical reactions involved in the total mineralization of 2,4-D by iron(3+)/hydrogen peroxide/UV. Environmental Science & Technology, 1993, 27, 304-310.	10.0	567
118	Elution of aged and freshly added herbicides from a soil. Environmental Science & Technology, 1993, 27, 1563-1571.	10.0	206
119	Organic intermediates in the degradation of 2,4-dichlorophenoxyacetic acid by iron(3+)/hydrogen peroxide and iron(3+)/hydrogen peroxide/UV. Journal of Agricultural and Food Chemistry, 1993, 41, 1139-1142.	5.2	65
120	Dark and photoassisted iron(3+)-catalyzed degradation of chlorophenoxy herbicides by hydrogen peroxide. Environmental Science & Technology, 1992, 26, 944-951.	10.0	1,090
121	Chemical treatment of pesticide wastes. Evaluation of iron(III) chelates for catalytic hydrogen peroxide oxidation of 2,4-D at circumneutral pH. Journal of Agricultural and Food Chemistry, 1992, 40, 322-327.	5.2	278
122	Sorptive Reversibility of Atrazine and Metolachlor Residues in Field Soil Samples. Journal of Environmental Quality, 1991, 20, 222-228.	2.0	162
123	Aversive responses of white-tailed deer,Odocoileus virginianus, to predator urines. Journal of Chemical Ecology, 1991, 17, 767-777.	1.8	71
124	Field-observed ethylene dibromide in an aquifer after two decades. Journal of Contaminant Hydrology, 1990, 5, 195-214.	3.3	39
125	Improved Extraction of Atrazine and Metolachlor in Field Soil Samples. Journal of the Association of Official Analytical Chemists, 1990, 73, 443-446.	0.2	23
126	Persistence of 1,2-dibromoethane in soils: entrapment in intraparticle micropores. Environmental Science & Technology, 1987, 21, 1201-1208.	10.0	469

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127	Microbial Degradation of 1,2-Dibromoethane in Shallow Aquifer Materials. Journal of Environmental Quality, 1987, 16, 307-312.	2.0	21
128	Ethylene Dibromide Mineralization in Soils under Aerobic Conditions. Applied and Environmental Microbiology, 1986, 51, 588-592.	3.1	29
129	Structure-activity correlations among analogs of 4-methyl-3-heptanol, a pheromone component of the european elm bark beetle (Scolytus multistriatus). Journal of Chemical Ecology, 1983, 9, 615-643.	1.8	10
130	Autoxidation of transition-metal complexes. Reaction of a 1:1 cobalt-molecular oxygen complex with acids to yield hydrogen peroxide. Kinetics and mechanism. Journal of the American Chemical Society, 1979, 101, 5929-5939.	13.7	12