List of Publications by Year in descending order

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LINDA SLEE

#	Article	IF	CITATIONS
1	Defining Translational Research: Implications for Training. Academic Medicine, 2010, 85, 470-475.	1.6	528
2	Sorption of Three Tetracyclines by Several Soils:Â Assessing the Role of pH and Cation Exchange. Environmental Science & Technology, 2005, 39, 7452-7459.	10.0	452
3	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
4	Sorption and Dissipation of Testosterone, Estrogens, and Their Primary Transformation Products in Soils and Sediment. Environmental Science & amp; Technology, 2003, 37, 4098-4105.	10.0	235
5	Partitioning of polycyclic aromatic hydrocarbons from diesel fuel into water. Environmental Science & Technology, 1992, 26, 2104-2110.	10.0	172
6	Equilibrium partitioning of polycyclic aromatic hydrocarbons from coal tar into water. Environmental Science & Technology, 1992, 26, 2110-2115.	10.0	167
7	Heat-activated persulfate oxidation of PFOA, 6:2 fluorotelomer sulfonate, and PFOS under conditions suitable for in-situ groundwater remediation. Chemosphere, 2016, 145, 376-383.	8.2	158
8	Influence of solvent and sorbent characteristics on distribution of pentachlorophenol in octanol-water and soil-water systems. Environmental Science & Technology, 1990, 24, 654-661.	10.0	156
9	Sorption and Degradation of Steroid Hormones in Soils during Transport:Â Column Studies and Model Evaluation. Environmental Science & Technology, 2004, 38, 1460-1470.	10.0	146
10	Hormone Discharges from a Midwest Tile-Drained Agroecosystem Receiving Animal Wastes. Environmental Science & Technology, 2011, 45, 8755-8764.	10.0	121
11	Biotransformation of 8:2 Fluorotelomer Alcohol in Soil and by Soil Bacteria Isolates. Environmental Science & Technology, 2007, 41, 8024-8030.	10.0	120
12	Ciprofloxacin sorption by dissolved organic carbon from reference and bio-waste materials. Chemosphere, 2009, 77, 813-820.	8.2	118
13	Acute and chronic toxicity of atrazine and its metabolites deethylatrazine and deisopropylatrazine on aquatic organisms. Ecotoxicology, 2009, 18, 899-905.	2.4	100
14	Agricultural Contributions of Antimicrobials and Hormones on Soil and Water Quality. Advances in Agronomy, 2007, , 1-68.	5.2	96
15	Cosolvency and sorption of hydrophobic organic chemicals. Environmental Science & Technology, 1990, 24, 647-654.	10.0	92
16	Sorption and degradation in soils of veterinary ionophore antibiotics: Monensin and lasalocid. Environmental Toxicology and Chemistry, 2007, 26, 1614-1621.	4.3	92
17	Aerobic Soil Biodegradation of Bisphenol (BPA) Alternatives Bisphenol S and Bisphenol AF Compared to BPA. Environmental Science & Technology, 2017, 51, 13698-13704.	10.0	85
18	Role of Soil Manganese in the Oxidation of Aromatic Amines. Environmental Science & Technology, 2003, 37, 2686-2693.	10.0	84

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19	Solubility and Sorption by Soils of 8:2 Fluorotelomer Alcohol in Water and Cosolvent Systems. Environmental Science & Technology, 2005, 39, 7535-7540.	10.0	75
20	Cosolvency of partially miscible organic solvents on the solubility of hydrophobic organic chemicals. Environmental Science & amp; Technology, 1990, 24, 639-647.	10.0	74
21	Quantifying the Contribution of Different Sorption Mechanisms for 2,4-Dichlorophenoxyacetic Acid Sorption by Several Variable-Charge Soils. Environmental Science & Technology, 2005, 39, 2522-2528.	10.0	73
22	Covalent triazine-based framework: A promising adsorbent for removal of perfluoroalkyl acids from aqueous solution. Environmental Pollution, 2016, 216, 884-892.	7.5	72
23	Partitioning Behavior of Bisphenol Alternatives BPS and BPAF Compared to BPA. Environmental Science & Technology, 2017, 51, 3725-3732.	10.0	72
24	Nonequilibrium sorption and transport of neutral and ionized chlorophenols. Environmental Science & Technology, 1991, 25, 722-729.	10.0	71
25	Effects of Dissolved Organic Matter from Animal Waste Effluent on Chlorpyrifos Sorption by Soils. Journal of Environmental Quality, 2001, 30, 1258-1265.	2.0	69
26	Degradation of Synthetic Androgens 17α- and 17β-Trenbolone and Trendione in Agricultural Soils. Environmental Science & Technology, 2008, 42, 3570-3574.	10.0	64
27	Retention of imazaquin in soil. Environmental Toxicology and Chemistry, 1997, 16, 397-404.	4.3	63
28	Effect of Fluorotelomer Alcohol Chain Length on Aqueous Solubility and Sorption by Soils. Environmental Science & Technology, 2007, 41, 5357-5362.	10.0	62
29	Sorption and Abiotic Transformation of Aniline and α-Naphthylamine by Surface Soils. Environmental Science & Technology, 1999, 33, 1864-1870.	10.0	58
30	Perfluoroalkyl Acid Characterization in U.S. Municipal Organic Solid Waste Composts. Environmental Science and Technology Letters, 2019, 6, 372-377.	8.7	58
31	Effect of Dissolved Organic Matter in Treated Effluents on Sorption of Atrazine and Prometryn by Soils. Soil Science Society of America Journal, 2000, 64, 1976-1983.	2.2	56
32	Aerobic Soil Biodegradation of 8:2 Fluorotelomer Stearate Monoester. Environmental Science & Technology, 2012, 46, 3831-3836.	10.0	55
33	Sorption of tylosin A, D, and Aâ€ e ldol and degradation of tylosin a in soils. Environmental Toxicology and Chemistry, 2007, 26, 1629-1635.	4.3	54
34	Sources, Fate, and Plant Uptake in Agricultural Systems of Per- and Polyfluoroalkyl Substances. Current Pollution Reports, 0, , 1.	6.6	53
35	Developmental exposure to perfluorooctane sulfonate (PFOS) and perfluorooctanoic acid (PFOA) selectively decreases brain dopamine levels in Northern leopard frogs. Toxicology and Applied Pharmacology, 2019, 377, 114623.	2.8	52
36	Hydrophilic and Hydrophobic Sorption of Organic Acids by Variable-Charge Soils:Â Effect of Chemical Acidity and Acidic Functional Group. Environmental Science & Technology, 2004, 38, 5413-5419.	10.0	51

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37	Stereoselective Sorption by Agricultural Soils and Liquidâ `Liquid Partitioning of Trenbolone (17α and) Tj ETQq1	1 0.7843 10.043	14 ggBT /Ove
38	Environmental Sources, Chemistry, Fate, and Transport of Per―and Polyfluoroalkyl Substances: State of the Science, Key Knowledge Gaps, and Recommendations Presented at the August 2019 SETAC Focus Topic Meeting. Environmental Toxicology and Chemistry, 2021, 40, 3234-3260.	4.3	49
39	Assessing Impacts of Land-Applied Manure from Concentrated Animal Feeding Operations on Fish Populations and Communities. Environmental Science & Technology, 2012, 46, 13440-13447.	10.0	48
40	Sorption, Aerobic Biodegradation, and Oxidation Potential of PFOS Alternatives Chlorinated Polyfluoroalkyl Ether Sulfonic Acids. Environmental Science & Technology, 2018, 52, 9827-9834.	10.0	48
41	Comparison of sorption energetics for hydrophobic organic chemicals by synthetic and natural sorbents from methanol/water solvent mixtures. Environmental Science & Technology, 1989, 23, 407-413.	10.0	46
42	Occurrence and Fate of the Phytotoxin Juglone in Alley Soils under Black Walnut Trees. Journal of Environmental Quality, 2007, 36, 709-717.	2.0	45
43	Evaluating stereoselective sorption by soils of 17α-estradiol and 17β-estradiol. Chemosphere, 2011, 82, 847-852.	8.2	44
44	Perfluorooctane Sulfonate (PFOS) Produces Dopaminergic Neuropathology in Caenorhabditis elegans. Toxicological Sciences, 2019, 172, 417-434.	3.1	43
45	Characterizing and Comparing Per- and Polyfluoroalkyl Substances in Commercially Available Biosolid and Organic Non-Biosolid-Based Products. Environmental Science & Technology, 2020, 54, 8640-8648.	10.0	43
46	Significance of Anion Exchange in Pentachlorophenol Sorption by Variableâ€Charge Soils. Journal of Environmental Quality, 2003, 32, 966-976.	2.0	42
47	Cosolvent effects on sorption of organic acids by soils from mixed solvents. Environmental Science & Technology, 1993, 27, 165-171.	10.0	41
48	Effect of Substitution on Irreversible Binding and Transformation of Aromatic Amines with Soils in Aqueous Systems. Environmental Science & Technology, 2000, 34, 3674-3680.	10.0	41
49	Factors affecting air sparging remediation systems using field data and numerical simulations. Journal of Hazardous Materials, 2002, 95, 305-329.	12.4	41
50	Clinical and Translational Scientist Career Success: Metrics for Evaluation. Clinical and Translational Science, 2012, 5, 400-407.	3.1	40
51	Biotransformation of $17\hat{l}_{\pm}$ and $17\hat{l}_{\pm}$ estradiol in aerobic soils. Chemosphere, 2013, 90, 647-652.	8.2	40
52	Transformation of 17α-Estradiol, 17β-Estradiol, and Estrone in Sediments Under Nitrate- and Sulfate-Reducing Conditions. Environmental Science & Technology, 2013, 47, 7178-7185.	10.0	40
53	Initial sorption of aromatic amines to surface soils. Environmental Toxicology and Chemistry, 1997, 16, 1575-1582.	4.3	39
54	Modeling Short-Term Soilâ^'Water Distribution of Aromatic Amines. Environmental Science & Technology, 1998, 32, 2788-2794.	10.0	39

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55	Evaluation of a Rat Model versus a Physiologically Based Extraction Test for Assessing Phenanthrene Bioavailability from Soils. Toxicological Sciences, 2004, 79, 10-17.	3.1	38
56	Estrogens and synthetic androgens in manure slurry from trenbolone acetate/estradiol implanted cattle and in waste-receiving lagoons used for irrigation. Chemosphere, 2012, 89, 1443-1449.	8.2	38
57	Kinetic analysis of aerobic biotransformation pathways of a perfluorooctane sulfonate (PFOS) precursor in distinctly different soils. Environmental Pollution, 2017, 229, 159-167.	7.5	38
58	Perfluorooctane sulfonate (PFOS) removal with Pd0/nFe0 nanoparticles: Adsorption or aqueous Fe-complexation, not transformation?. Journal of Hazardous Materials, 2018, 342, 20-28.	12.4	37
59	Cosolvent-enhanced chemical oxidation of perchloroethylene by potassium permanganate. Journal of Contaminant Hydrology, 2006, 82, 61-74.	3.3	36
60	Uptake and Depuration of Four Per/Polyfluoroalkyl Substances (PFASS) in Northern Leopard Frog <i>Rana pipiens</i> Tadpoles. Environmental Science and Technology Letters, 2017, 4, 399-403.	8.7	36
61	Bioavailability of 2,3′,4,4′,5-pentachlorobiphenyl (PCB118) and 2,2′,5,5′-tetrachlorobiphenyl (PCB52) soils using a rat model and a physiologically based extraction test. Toxicology, 2006, 217, 14-21.	from 4.2	35
62	Soil temperature and moisture effects on the persistence of synthetic androgen 17α-trenbolone, 17β-trenbolone and trendione. Chemosphere, 2010, 79, 873-879.	8.2	34
63	Partitioning of Fluorotelomer Alcohols to Octanol and Different Sources of Dissolved Organic Carbon. Environmental Science & Technology, 2008, 42, 6559-6565.	10.0	33
64	Environmental hormones and their impacts on sex differentiation in fathead minnows. Aquatic Toxicology, 2015, 158, 98-107.	4.0	33
65	Selenium(IV) and (VI) Sorption by Soils Surrounding Fly Ash Management Facilities. Vadose Zone Journal, 2006, 5, 1110-1118.	2.2	32
66	Role of pH in partitioning and cation exchange of aromatic amines on water-saturated soils. Chemosphere, 2001, 44, 627-635.	8.2	31
67	Antimony migration trends from a small arms firing range compared to lead, copper, and zinc. Science of the Total Environment, 2013, 463-464, 222-228.	8.0	31
68	Per―and polyfluoroalkyl substances in commercially available biosolidâ€based products: The effect of treatment processes. Water Environment Research, 2019, 91, 1669-1677.	2.7	31
69	Larval amphibians rapidly bioaccumulate poly- and perfluoroalkyl substances. Ecotoxicology and Environmental Safety, 2019, 178, 137-145.	6.0	31
70	Comparison of zebrafish in vitro and in vivo developmental toxicity assessments of perfluoroalkyl acids (PFAAs). Journal of Toxicology and Environmental Health - Part A: Current Issues, 2021, 84, 125-136.	2.3	31
71	Prediction of the solubility of hydrophobic compounds in nonideal solvent mixtures. Chemosphere, 1991, 22, 939-951.	8.2	30
72	Evaluation of extraction and detection methods for determining polynuclear aromatic hydrocarbons from coal tar contaminated soils. Chemosphere, 1996, 32, 1123-1132.	8.2	30

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73	Chemical Modeling of Arsenic(III, V) and Selenium(IV, VI) Adsorption by Soils Surrounding Ash Disposal Facilities. Vadose Zone Journal, 2008, 7, 1231-1238.	2.2	30
74	Characterizing As(III, V) adsorption by soils surrounding ash disposal facilities. Chemosphere, 2006, 63, 1879-1891.	8.2	29
75	Hormone loads exported by a tile-drained agroecosystem receiving animal wastes. Hydrological Processes, 2014, 28, 1318-1328.	2.6	29
76	Aerobic biodegradation of 8:2 fluorotelomer stearate monoester and 8:2 fluorotelomer citrate triester in forest soil. Chemosphere, 2013, 91, 399-405.	8.2	28
77	Microbial transformation of 8:2 fluorotelomer acrylate and methacrylate in aerobic soils. Chemosphere, 2015, 129, 54-61.	8.2	28
78	Comparison of export dynamics of nutrients and animal-borne estrogens from a tile-drained Midwestern agroecosystem. Water Research, 2015, 72, 162-173.	11.3	28
79	Assessing N,Nâ€~-Dibutylurea (DBU) Formation in Soils after Application of n-Butylisocyanate and Benlate Fungicides. Journal of Agricultural and Food Chemistry, 2004, 52, 747-754.	5.2	27
80	Sorption and Related Properties of the Swine Antibiotic Carbadox and AssociatedN-Oxide Reduced Metabolites. Environmental Science & amp; Technology, 2005, 39, 3134-3142.	10.0	27
81	Single and mixture per- and polyfluoroalkyl substances accumulate in developing Northern leopard frog brains and produce complex neurotransmission alterations. Neurotoxicology and Teratology, 2020, 81, 106907.	2.4	27
82	Prediction and Experimental Evaluation of Soil Sorption by Natural Hormones and Hormone Mimics. Journal of Agricultural and Food Chemistry, 2012, 60, 1480-1487.	5.2	26
83	Factors Controlling Sorption of Prosulfuron by Variable-Charge Soils and Model Sorbents. Journal of Environmental Quality, 2004, 33, 1354.	2.0	24
84	Laboratory studies to characterize the efficacy of sand capping a coal tar-contaminated sediment. Chemosphere, 2006, 63, 1621-1631.	8.2	24
85	Probing the Primary Mechanisms Affecting the Environmental Distribution of Estrogen and Androgen Isomers. Environmental Science & Technology, 2011, 45, 3989-3995.	10.0	24
86	Sublethal Effects of Dermal Exposure to Poly―and Perfluoroalkyl Substances on Postmetamorphic Amphibians. Environmental Toxicology and Chemistry, 2021, 40, 717-726.	4.3	24
87	Gonadal intersex in smallmouth bass Micropterus dolomieu from northern Indiana with correlations to molecular biomarkers and anthropogenic chemicals. Environmental Pollution, 2017, 230, 1099-1107.	7.5	22
88	Alternate Reductants with VB12 to Transform C8 and C6 Perfluoroalkyl Sulfonates: Limitations and Insights into Isomer-Specific Transformation Rates, Products and Pathways. Environmental Science & Technology, 2017, 51, 13869-13877.	10.0	21
89	Release of poly- and perfluoroalkyl substances from finished biosolids in soil mesocosms. Water Research, 2022, 217, 118405.	11.3	21
90	Degradation of <i>N,N</i> ′â€Dibutylurea (DBU) in Soils Treated with only DBU and DBUâ€Fortified Benlate Fungicides. Journal of Environmental Quality, 2004, 33, 1771-1778.	2.0	20

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91	Nitrate radical oxidation of <i>Ĵ³</i> -terpinene: hydroxy nitrate, total organic nitrate, and secondary organic aerosol yields. Atmospheric Chemistry and Physics, 2017, 17, 8635-8650.	4.9	20
92	Chronic Per…Polyfluoroalkyl Substance Exposure Under Environmentally Relevant Conditions Delays Development in Northern Leopard Frog (<i>Rana pipiens</i>) Larvae. Environmental Toxicology and Chemistry, 2021, 40, 711-716.	4.3	20
93	Impact of Several Water-Miscible Organic Solvents on Sorption of Benzoic Acid by Soil. Environmental Science & Technology, 1996, 30, 1533-1539.	10.0	18
94	3,3â€~-Dichlorobenzidine Transformation Processes in Natural Sediments. Environmental Science & Technology, 1997, 31, 1068-1073.	10.0	18
95	Hydrolysis of fluorotelomer compounds leading to fluorotelomer alcohol production during solvent extractions of soils. Chemosphere, 2010, 81, 911-917.	8.2	18
96	Leveraging high-throughput hyperspectral imaging technology to detect cadmium stress in two leafy green crops and accelerate soil remediation efforts. Environmental Pollution, 2022, 292, 118405.	7.5	17
97	Impact of animal waste lagoon effluents on chlorpyrifos degradation in soils. Environmental Toxicology and Chemistry, 2000, 19, 2864-2870.	4.3	16
98	Comparative Toxicity of Aquatic Per―and Polyfluoroalkyl Substance Exposure in Three Species of Amphibians. Environmental Toxicology and Chemistry, 2022, 41, 1407-1415.	4.3	16
99	Modeling Competitive Cation Exchange of Aromatic Amines in Water-Saturated Soils. Environmental Science & Composition Science & Comp	10.0	15
100	Coupled Effects of Treated Effluent Irrigation and Wetting–Drying Cycles on Transport of Triazines through Unsaturated Soil Columns. Journal of Environmental Quality, 2001, 30, 1644-1652.	2.0	15
101	Pentachlorophenol sorption by variable-charge soils in methanol–water mixture: pH effect at the low solvent volume fraction. Chemosphere, 2008, 70, 503-510.	8.2	15
102	Comparative analytical and toxicological assessment of methylcyclohexanemethanol (MCHM) mixtures associated with the Elk River chemical spill. Chemosphere, 2017, 188, 599-607.	8.2	15
103	Reductive transformation of perfluorooctanesulfonate by nNiFe0-Activated carbon. Journal of Hazardous Materials, 2020, 397, 122782.	12.4	15
104	Dietary exposure and accumulation of per- and polyfluoroalkyl substances alters growth and reduces body condition of post-metamorphic salamanders. Science of the Total Environment, 2021, 765, 142730.	8.0	14
105	Significance of Anion Exchange in Pentachlorophenol Sorption by Variable-Charge Soils. Journal of Environmental Quality, 2003, 32, 966.	2.0	14
106	Partitioning of mono- and polycyclic aromatic hydrocarbons in a river sediment adjacent to a former manufactured gas plant site. Chemosphere, 2006, 62, 315-321.	8.2	13
107	Phenanthrene and 2,2′,5,5′-PCB sorption by several soils from methanol–water solutions: The effect of weathering and solute structure. Chemosphere, 2010, 78, 423-429.	8.2	12
108	Modeling Abiotic Processes of Aniline in Water-Saturated Soils. Environmental Science & Technology, 2000, 34, 1687-1693.	10.0	11

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109	Aerobic biodegradation of toluene-2,4-di(8:2 fluorotelomer urethane) and hexamethylene-1,6-di(8:2) Tj ETQq1 1	0.784314 8.2	rg <u>B</u> T /Overlo
110	Assessing the impacts of anthropogenic and hydro-climatic drivers on estrogen legacies and trajectories. Advances in Water Resources, 2016, 87, 19-28.	3.8	11
111	Acute Toxicity of Eight Aqueous Film-Forming Foams to 14 Aquatic Species. Environmental Science & Technology, 2022, 56, 6078-6090.	10.0	10
112	Building Social Capital to Foster Interprofessional Education. Academic Medicine, 2019, 94, 1685-1690.	1.6	9
113	Accelerated degradation of N, N? (DBU) upon repeated application. Biodegradation, 2005, 16, 265-273.	3.0	8
114	ORAL BIOAVAILABILITY OF PENTACHLOROPHENOL FROM SOILS OF VARYING CHARACTERISTICS USING A RAT MODEL. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2003, 66, 2001-2013.	2.3	7
115	Soil attenuation of As(III, V) and Se(IV, VI) seepage potential at ash disposal facilities. Chemosphere, 2013, 93, 2132-2139.	8.2	7
116	Later is better: Projected USMLE performance during medical school. Teaching and Learning in Medicine, 1995, 7, 163-167.	2.1	6
117	Persistence of three bisphenols and other trace organics of concern in anaerobic sludge under methanogenic conditions. Environmental Technology (United Kingdom), 2021, 42, 1373-1382.	2.2	5
118	Evaluating perfluorooctanesulfonate oxidation in permanganate systems. Environmental Science and Pollution Research, 2020, 27, 13976-13984.	5.3	4
119	Transformation and defluorination by nNiFe-activated carbon nanocomposites: PFAS structure and matrix effects. Journal of Environmental Chemical Engineering, 2021, 9, 106901.	6.7	4
120	Mentoring in Clinicalâ€Translational Research: A Study of Participants in Master's Degree Programs. Clinical and Translational Science, 2015, 8, 746-753.	3.1	3
121	Range Design Considerations Based on Behavior of Antimony and Lead under Dynamic Loading Conditions. Journal of Environmental Engineering, ASCE, 2017, 143, .	1.4	3
122	Efficient Heated Ultrasound Assisted Extraction and Clean-Up Method for Quantifying Paclitaxel Concentrations in Taxus Wallichiana. International Journal of Environmental Analytical Chemistry, 2021, 101, 549-560.	3.3	2
123	INITIAL SORPTION OF AROMATIC AMINES TO SURFACE SOILS. Environmental Toxicology and Chemistry, 1997, 16, 1575.	4.3	2
124	Adaptation to Social–Ecological Change in Northwestern Pakistan: Household Strategies and Decision-making Processes. Environmental Management, 2022, , 1.	2.7	2
125	Nevertheless, They Persisted: Can Hyporheic Zones Increase the Persistence of Estrogens in Streams?. Water Resources Research, 2021, 57, e2020WR028518.	4.2	1
126	RETENTION OF IMAZAQUIN IN SOIL. Environmental Toxicology and Chemistry, 1997, 16, 397.	4.3	1

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127	Sorption and Degradation of Selected Pharmaceuticals in Soil and Manure. , 2007, , 139-165.		Ο