Linda S Lee

List of Publications by Year in Descending Order

125 papers	5,161 citations	38 h-index	67 g-index
131 ext. papers	5,813 ext. citations	7.5 avg, IF	5.8 L-index

#	Paper	IF	Citations
125	Adaptation to Social-Ecological Change in Northwestern Pakistan: Household Strategies and Decision-making Processes.. *Environmental Management*, **2022**, 1	3.1	
124	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	9.3	2
123	Release of poly- and perfluoroalkyl substances from finished biosolids in soil mesocosms.. *Water Research*, **2022**, 217, 118405	12.5	2
122	Transformation and defluorination by nNiFe-activated carbon nanocomposites: PFAS structure and matrix effects. *Journal of Environmental Chemical Engineering*, **2021**, 9, 106901	6.8	0
121	Nevertheless, They Persisted: Can Hyporheic Zones Increase the Persistence of Estrogens in Streams?. *Water Resources Research*, **2021**, 57, e2020WR028518	5.4	0
120	Sublethal Effects of Dermal Exposure to Poly- and Perfluoroalkyl Substances on Postmetamorphic Amphibians. *Environmental Toxicology and Chemistry*, **2021**, 40, 717-726	3.8	6
119	Chronic Per-/Polyfluoroalkyl Substance Exposure Under Environmentally Relevant Conditions Delays Development in Northern Leopard Frog (Rana pipiens) Larvae. *Environmental Toxicology and Chemistry*, **2021**, 40, 711-716	3.8	9
118	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	3.2	8
117	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	10.2	4
116	Persistence of three bisphenols and other trace organics of concern in anaerobic sludge under methanogenic conditions. *Environmental Technology (United Kingdom)*, **2021**, 42, 1373-1382	2.6	1
115	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	1.8	1
114	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	3.8	10
113	Characterizing and Comparing Per- and Polyfluoroalkyl Substances in Commercially Available Biosolid and Organic Non-Biosolid-Based Products. *Environmental Science & Technology*, **2020**, 54, 8640-8648	10.3	16
112	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	3.9	7
111	Evaluating perfluorooctanesulfonate oxidation in permanganate systems. *Environmental Science and Pollution Research*, **2020**, 27, 13976-13984	5.1	1
110	Reductive transformation of perfluorooctanesulfonate by nNiFe-Activated carbon. *Journal of Hazardous Materials*, **2020**, 397, 122782	12.8	11
109	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	4.6	26

108	Perfluoroalkyl Acid Characterization in U.S. Municipal Organic Solid Waste Composts. *Environmental Science and Technology Letters*, **2019**, 6, 372-377	11	31
107	Larval amphibians rapidly bioaccumulate poly- and perfluoroalkyl substances. *Ecotoxicology and Environmental Safety*, **2019**, 178, 137-145	7	20
106	Perfluorooctane Sulfonate (PFOS) Produces Dopaminergic Neuropathology in Caenorhabditis elegans. *Toxicological Sciences*, **2019**, 172, 417-434	4.4	19
105	Per- and polyfluoroalkyl substances in commercially available biosolid-based products: The effect of treatment processes. *Water Environment Research*, **2019**, 91, 1669-1677	2.8	18
104	Building Social Capital to Foster Interprofessional Education: The Interprofessional Educator Academy. *Academic Medicine*, **2019**, 94, 1685-1690	3.9	8
103	Sorption, Aerobic Biodegradation, and Oxidation Potential of PFOS Alternatives Chlorinated Polyfluoroalkyl Ether Sulfonic Acids. *Environmental Science & Technology*, **2018**, 52, 9827-9834	10.3	30
102	Perfluorooctane sulfonate (PFOS) removal with Pd/nFe nanoparticles: Adsorption or aqueous Fe-complexation, not transformation?. *Journal of Hazardous Materials*, **2018**, 342, 20-28	12.8	26
101	Partitioning Behavior of Bisphenol Alternatives BPS and BPAF Compared to BPA. *Environmental Science & Technology*, **2017**, 51, 3725-3732	10.3	43
100	Kinetic analysis of aerobic biotransformation pathways of a perfluorooctane sulfonate (PFOS) precursor in distinctly different soils. *Environmental Pollution*, **2017**, 229, 159-167	9.3	19
99	Comparative analytical and toxicological assessment of methylcyclohexanemethanol (MCHM) mixtures associated with the Elk River chemical spill. *Chemosphere*, **2017**, 188, 599-607	8.4	9
98	Range Design Considerations Based on Behavior of Antimony and Lead under Dynamic Loading Conditions. *Journal of Environmental Engineering, ASCE*, **2017**, 143, 04017024	2	2
97	Uptake and Depuration of Four Per/Polyfluoroalkyl Substances (PFASS) in Northern Leopard Frog Rana pipiens Tadpoles. *Environmental Science and Technology Letters*, **2017**, 4, 399-403	11	21
96	Gonadal intersex in smallmouth bass Micropterus dolomieu from northern Indiana with correlations to molecular biomarkers and anthropogenic chemicals. *Environmental Pollution*, **2017**, 230, 1099-1107	9.3	14
95	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	10.3	14
94	Aerobic Soil Biodegradation of Bisphenol (BPA) Alternatives Bisphenol S and Bisphenol AF Compared to BPA. *Environmental Science & Technology*, **2017**, 51, 13698-13704	10.3	52
93	Nitrate radical oxidation of <i></i>-terpinene: hydroxy nitrate, total organic nitrate, and secondary organic aerosol yields. *Atmospheric Chemistry and Physics*, **2017**, 17, 8635-8650	6.8	14
92	Covalent triazine-based framework: A promising adsorbent for removal of perfluoroalkyl acids from aqueous solution. *Environmental Pollution*, **2016**, 216, 884-892	9.3	42
91	Assessing the impacts of anthropogenic and hydro-climatic drivers on estrogen legacies and trajectories. *Advances in Water Resources*, **2016**, 87, 19-28	4.7	8

90	Heat-activated persulfate oxidation of PFOA, 6:2 fluorotelomer sulfonate, and PFOS under conditions suitable for in-situ groundwater remediation. *Chemosphere*, **2016**, 145, 376-83	8.4	120
89	Aerobic biodegradation of toluene-2,4-di(8:2 fluorotelomer urethane) and hexamethylene-1,6-di(8:2 fluorotelomer urethane) monomers in soils. *Chemosphere*, **2016**, 144, 2482-8	8.4	7
88	Comparison of export dynamics of nutrients and animal-borne estrogens from a tile-drained Midwestern agroecosystem. *Water Research*, **2015**, 72, 162-73	12.5	22
87	Environmental hormones and their impacts on sex differentiation in fathead minnows. *Aquatic Toxicology*, **2015**, 158, 98-107	5.1	30
86	Mentoring in Clinical-Translational Research: A Study of Participants in Master's Degree Programs. *Clinical and Translational Science*, **2015**, 8, 746-53	4.9	2
85	Microbial transformation of 8:2 fluorotelomer acrylate and methacrylate in aerobic soils. *Chemosphere*, **2015**, 129, 54-61	8.4	21
84	Hormone loads exported by a tile-drained agroecosystem receiving animal wastes. *Hydrological Processes*, **2014**, 28, 1318-1328	3.3	26
83	Biotransformation of 17β-and 17α-estradiol in aerobic soils. *Chemosphere*, **2013**, 90, 647-52	8.4	34
82	Aerobic biodegradation of 8:2 fluorotelomer stearate monoester and 8:2 fluorotelomer citrate triester in forest soil. *Chemosphere*, **2013**, 91, 399-405	8.4	26
81	Soil attenuation of As(III, V) and Se(IV, VI) seepage potential at ash disposal facilities. *Chemosphere*, **2013**, 93, 2132-9	8.4	7
80	Antimony migration trends from a small arms firing range compared to lead, copper, and zinc. *Science of the Total Environment*, **2013**, 463-464, 222-8	10.2	25
79	Transformation of 17β-estradiol, 17α-estradiol, and estrone in sediments under nitrate- and sulfate-reducing conditions. *Environmental Science & Technology*, **2013**, 47, 7178-85	10.3	36
78	Estrogens and synthetic androgens in manure slurry from trenbolone acetate/estradiol implanted cattle and in waste-receiving lagoons used for irrigation. *Chemosphere*, **2012**, 89, 1443-9	8.4	32
77	Aerobic soil biodegradation of 8:2 fluorotelomer stearate monoester. *Environmental Science & Technology*, **2012**, 46, 3831-6	10.3	45
76	Assessing impacts of land-applied manure from concentrated animal feeding operations on fish populations and communities. *Environmental Science & Technology*, **2012**, 46, 13440-7	10.3	42
75	Prediction and experimental evaluation of soil sorption by natural hormones and hormone mimics. *Journal of Agricultural and Food Chemistry*, **2012**, 60, 1480-7	5.7	23
74	Clinical and translational scientist career success: metrics for evaluation. *Clinical and Translational Science*, **2012**, 5, 400-7	4.9	31
73	Probing the primary mechanisms affecting the environmental distribution of estrogen and androgen isomers. *Environmental Science & Technology*, **2011**, 45, 3989-95	10.3	22

72	Evaluating stereoselective sorption by soils of 17Ëstradiol and 17Ëstradiol. *Chemosphere*, **2011**, 82, 847-52	8.4	39
71	Hormone discharges from a midwest tile-drained agroecosystem receiving animal wastes. *Environmental Science & Technology*, **2011**, 45, 8755-64	10.3	104
70	Phenanthrene and 2,2Ŗ5,5ŖPCB sorption by several soils from methanol-water solutions: the effect of weathering and solute structure. *Chemosphere*, **2010**, 78, 423-9	8.4	7
69	Soil temperature and moisture effects on the persistence of synthetic androgen 17alpha-trenbolone, 17beta-trenbolone and trendione. *Chemosphere*, **2010**, 79, 873-9	8.4	33
68	Defining translational research: implications for training. *Academic Medicine*, **2010**, 85, 470-5	3.9	398
67	Hydrolysis of fluorotelomer compounds leading to fluorotelomer alcohol production during solvent extractions of soils. *Chemosphere*, **2010**, 81, 911-7	8.4	17
66	Acute and chronic toxicity of atrazine and its metabolites deethylatrazine and deisopropylatrazine on aquatic organisms. *Ecotoxicology*, **2009**, 18, 899-905	2.9	74
65	Stereoselective sorption by agricultural soils and liquid-liquid partitioning of trenbolone (17alpha and 17beta) and trendione. *Environmental Science & Technology*, **2009**, 43, 8827-33	10.3	44
64	Ciprofloxacin sorption by dissolved organic carbon from reference and bio-waste materials. *Chemosphere*, **2009**, 77, 813-20	8.4	104
63	Degradation of synthetic androgens 17alpha- and 17beta-trenbolone and trendione in agricultural soils. *Environmental Science & Technology*, **2008**, 42, 3570-4	10.3	56
62	Pentachlorophenol sorption by variable-charge soils in methanol-water mixture: pH effect at the low solvent volume fraction. *Chemosphere*, **2008**, 70, 503-10	8.4	11
61	Partitioning of fluorotelomer alcohols to octanol and different sources of dissolved organic carbon. *Environmental Science & Technology*, **2008**, 42, 6559-65	10.3	28
60	Chemical Modeling of Arsenic(III, V) and Selenium(IV, VI) Adsorption by Soils Surrounding Ash Disposal Facilities. *Vadose Zone Journal*, **2008**, 7, 1231-1238	2.7	27
59	Effect of fluorotelomer alcohol chain length on aqueous solubility and sorption by soils. *Environmental Science & Technology*, **2007**, 41, 5357-62	10.3	53
58	Biotransformation of 8:2 fluorotelomer alcohol in soil and by soil bacteria isolates. *Environmental Science & Technology*, **2007**, 41, 8024-30	10.3	100
57	Agricultural Contributions of Antimicrobials and Hormones on Soil and Water Quality. *Advances in Agronomy*, **2007**, 1-68	7.7	82
56	Sorption of tylosin A, D, and A-aldol and degradation of tylosin A in soils. *Environmental Toxicology and Chemistry*, **2007**, 26, 1629-35	3.8	47
55	Sorption and degradation in soils of veterinary ionophore antibiotics: monensin and lasalocid. *Environmental Toxicology and Chemistry*, **2007**, 26, 1614-21	3.8	79

54	Occurrence and fate of the phytotoxin juglone in alley soils under black walnut trees. *Journal of Environmental Quality*, **2007**, 36, 709-17	3.4	40
53	Sorption and Degradation of Selected Pharmaceuticals in Soil and Manure **2007**, 139-165		
52	Cosolvent-enhanced chemical oxidation of perchloroethylene by potassium permanganate. *Journal of Contaminant Hydrology*, **2006**, 82, 61-74	3.9	32
51	Partitioning of mono- and polycyclic aromatic hydrocarbons in a river sediment adjacent to a former manufactured gas plant site. *Chemosphere*, **2006**, 62, 315-21	8.4	12
50	Laboratory studies to characterize the efficacy of sand capping a coal tar-contaminated sediment. *Chemosphere*, **2006**, 63, 1621-31	8.4	20
49	Characterizing As(III,V) adsorption by soils surrounding ash disposal facilities. *Chemosphere*, **2006**, 63, 1879-91	8.4	26
48	Selenium(IV) and (VI) Sorption by Soils Surrounding Fly Ash Management Facilities. *Vadose Zone Journal*, **2006**, 5, 1110-1118	2.7	29
47	Bioavailability of 2,3R,4,4R,5-pentachlorobiphenyl (PCB118) and 2,2R,5,5Rtetrachlorobiphenyl (PCB52) from soils using a rat model and a physiologically based extraction test. *Toxicology*, **2006**, 217, 14-21	4.4	31
46	Sorption and related properties of the swine antibiotic carbadox and associated N-oxide reduced metabolites. *Environmental Science & Technology*, **2005**, 39, 3134-42	10.3	26
45	Quantifying the contribution of different sorption mechanisms for 2,4-dichlorophenoxyacetic acid sorption by several variable-charge soils. *Environmental Science & Technology*, **2005**, 39, 2522-8	10.3	68
44	Solubility and sorption by soils of 8:2 fluorotelomer alcohol in water and cosolvent systems. *Environmental Science & Technology*, **2005**, 39, 7535-40	10.3	68
43	Sorption of three tetracyclines by several soils: assessing the role of pH and cation exchange. *Environmental Science & Technology*, **2005**, 39, 7452-9	10.3	387
42	Accelerated degradation of N, NRdibutylurea (DBU) upon repeated application. *Biodegradation*, **2005**, 16, 265-73	4.1	8
41	Factors controlling sorption of prosulfuron by variable-charge soils and model sorbents. *Journal of Environmental Quality*, **2004**, 33, 1354-61	3.4	22
40	Evaluation of a rat model versus a physiologically based extraction test for assessing phenanthrene bioavailability from soils. *Toxicological Sciences*, **2004**, 79, 10-7	4.4	33
39	Assessing N,NRDibutylurea (DBU) formation in soils after application of n-butylisocyanate and benlate fungicides. *Journal of Agricultural and Food Chemistry*, **2004**, 52, 747-54	5.7	19
38	Sorption and degradation of steroid hormones in soils during transport: column studies and model evaluation. *Environmental Science & Technology*, **2004**, 38, 1460-70	10.3	138
37	Hydrophilic and hydrophobic sorption of organic acids by variable charge soils: effect of chemical acidity and acidic functional group. *Environmental Science & Technology*, **2004**, 38, 5413-9	10.3	46

36	Evidence for pi-pi electron donor-acceptor interactions between pi-donor aromatic compounds and pi-acceptor sites in soil organic matter through pH effects on sorption. *Environmental Science & Technology*, **2004**, 38, 4361-8	10.3	214
35	Degradation of N,NRdibutylurea (DBU) in soils treated with only DBU and DBU-fortified benlate fungicides. *Journal of Environmental Quality*, **2004**, 33, 1771-8	3.4	13
34	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, 2001-13	3.2	4
33	Significance of anion exchange in pentachlorophenol sorption by variable-charge soils. *Journal of Environmental Quality*, **2003**, 32, 966-76	3.4	32
32	Sorption and dissipation of testosterone, estrogens, and their primary transformation products in soils and sediment. *Environmental Science & Technology*, **2003**, 37, 4098-105	10.3	215
31	Role of soil manganese in the oxidation of aromatic amines. *Environmental Science & Technology*, **2003**, 37, 2686-93	10.3	80
30	Significance of Anion Exchange in Pentachlorophenol Sorption by Variable-Charge Soils **2003**, 32, 966		11
29	Factors affecting air sparging remediation systems using field data and numerical simulations. *Journal of Hazardous Materials*, **2002**, 95, 305-29	12.8	33
28	Role of pH in partitioning and cation exchange of aromatic amines on water-saturated soils. *Chemosphere*, **2001**, 44, 627-35	8.4	27
27	Modeling competitive cation exchange of aromatic amines in water-saturated soils. *Environmental Science & Technology*, **2001**, 35, 2727-33	10.3	13
26	Effects of dissolved organic matter from animal waste effluent on chlorpyrifos sorption by soils. *Journal of Environmental Quality*, **2001**, 30, 1258-65	3.4	62
25	Coupled effects of treated effluent irrigation and wetting-drying cycles on transport of triazines through unsaturated soil columns. *Journal of Environmental Quality*, **2001**, 30, 1644-52	3.4	12
24	Impact of animal waste lagoon effluents on chlorpyrifos degradation in soils. *Environmental Toxicology and Chemistry*, **2000**, 19, 2864-2870	3.8	14
23	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	2.5	47
22	Effect of Substitution on Irreversible Binding and Transformation of Aromatic Amines with Soils in Aqueous Systems. *Environmental Science & Technology*, **2000**, 34, 3674-3680	10.3	38
21	Modeling Abiotic Processes of Aniline in Water-Saturated Soils. *Environmental Science & Technology*, **2000**, 34, 1687-1693	10.3	9
20	Sorption and Abiotic Transformation of Aniline and Naphthylamine by Surface Soils. *Environmental Science & Technology*, **1999**, 33, 1864-1870	10.3	52
19	Modeling Short-Term Soil Water Distribution of Aromatic Amines. *Environmental Science & Technology*, **1998**, 32, 2788-2794	10.3	34

18	3,3Dichlorobenzidine Transformation Processes in Natural Sediments. *Environmental Science & Technology*, **1997**, 31, 1068-1073	10.3	12
17	Retention of imazaquin in soil. *Environmental Toxicology and Chemistry*, **1997**, 16, 397-404	3.8	53
16	Initial sorption of aromatic amines to surface soils. *Environmental Toxicology and Chemistry*, **1997**, 16, 1575-1582	3.8	33
15	Retention of imazaquin in soil **1997**, 16, 397		1
14	Initial sorption of aromatic amines to surface soils **1997**, 16, 1575		2
13	Impact of Several Water-Miscible Organic Solvents on Sorption of Benzoic Acid by Soil. *Environmental Science & Technology*, **1996**, 30, 1533-1539	10.3	15
12	Evaluation of extraction and detection methods for determining polynuclear aromatic hydrocarbons from coal tar contaminated soils. *Chemosphere*, **1996**, 32, 1123-1132	8.4	28
11	Later is better: Projected USMLE performance during medical school. *Teaching and Learning in Medicine*, **1995**, 7, 163-167	3.4	5
10	Cosolvent effects on sorption of organic acids by soils from mixed solvents. *Environmental Science & Technology*, **1993**, 27, 165-171	10.3	33
9	Equilibrium partitioning of polycyclic aromatic hydrocarbons from coal tar into water. *Environmental Science & Technology*, **1992**, 26, 2110-2115	10.3	152
8	Partitioning of polycyclic aromatic hydrocarbons from diesel fuel into water. *Environmental Science & Technology*, **1992**, 26, 2104-2110	10.3	144
7	Nonequilibrium sorption and transport of neutral and ionized chlorophenols. *Environmental Science & Technology*, **1991**, 25, 722-729	10.3	64
6	Prediction of the solubility of hydrophobic compounds in nonideal solvent mixtures. *Chemosphere*, **1991**, 22, 939-951	8.4	22
5	Cosolvency of partially miscible organic solvents on the solubility of hydrophobic organic chemicals. *Environmental Science & Technology*, **1990**, 24, 639-647	10.3	62
4	Influence of solvent and sorbent characteristics on distribution of pentachlorophenol in octanol-water and soil-water systems. *Environmental Science & Technology*, **1990**, 24, 654-661	10.3	137
3	Cosolvency and sorption of hydrophobic organic chemicals. *Environmental Science & Technology*, **1990**, 24, 647-654	10.3	81
2	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	10.3	40
1	Sources, Fate, and Plant Uptake in Agricultural Systems of Per- and Polyfluoroalkyl Substances. *Current Pollution Reports*,1	7.6	11