

Edward Tipping

List of Publications by Year in descending order

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Version: 2024-02-01

227
papers

15,993
citations

15495

65
h-index

19726

117
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241
all docs

241
docs citations

241
times ranked

9780
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Relationships between riverine and terrestrial dissolved organic carbon: Concentration, radiocarbon signature, specific UV absorbance. <i>Science of the Total Environment</i> , 2022, 817, 153000. | 3.9 | 3 |
| 2 | The use of WHAM-FTOX, parameterized with laboratory data, to simulate zooplankton species richness in acid- and metal- contaminated lakes. <i>Aquatic Toxicology</i> , 2021, 231, 105708. | 1.9 | 2 |
| 3 | Changes in carbon storage since the pre-industrial era: A national scale analysis. <i>Anthropocene</i> , 2021, 34, 100289. | 1.6 | 6 |
| 4 | Long-term effects of atmospheric deposition on British plant species richness. <i>Environmental Pollution</i> , 2021, 281, 117017. | 3.7 | 6 |
| 5 | Long term simulations of macronutrients (C, N and P) in UK freshwaters. <i>Science of the Total Environment</i> , 2021, 776, 145813. | 3.9 | 14 |
| 6 | Phosphorus supply affects long-term carbon accumulation in mid-latitude ombrotrophic peatlands. <i>Communications Earth & Environment</i> , 2021, 2, . | 2.6 | 5 |
| 7 | Simulating long-term carbon nitrogen and phosphorus biogeochemical cycling in agricultural environments. <i>Science of the Total Environment</i> , 2020, 714, 136599. | 3.9 | 23 |
| 8 | Estimation of WHAM7 constants for GaIII, InIII, SbIII and BiIII from linear free energy relationships, and speciation calculations for natural waters. <i>Environmental Chemistry</i> , 2020, 17, 140. | 0.7 | 4 |
| 9 | Measured estimates of semi-natural terrestrial NPP in Great Britain: comparison with modelled values, and dependence on atmospheric nitrogen deposition. <i>Biogeochemistry</i> , 2019, 144, 215-227. | 1.7 | 14 |
| 10 | Systematic analysis of freshwater metal toxicity with WHAM-FTOX. <i>Aquatic Toxicology</i> , 2019, 212, 128-137. | 1.9 | 9 |
| 11 | Modelling the physical states, element stoichiometries and residence times of topsoil organic matter. <i>European Journal of Soil Science</i> , 2019, 70, 321-337. | 1.8 | 5 |
| 12 | Unified concepts for understanding and modelling turnover of dissolved organic matter from freshwaters to the ocean: the UniDOM model. <i>Biogeochemistry</i> , 2019, 146, 105-123. | 1.7 | 33 |
| 13 | The contribution of algae to freshwater dissolved organic matter: implications for UV spectroscopic analysis. <i>Inland Waters</i> , 2018, 8, 10-21. | 1.1 | 12 |
| 14 | Impact of two centuries of intensive agriculture on soil carbon, nitrogen and phosphorus cycling in the UK. <i>Science of the Total Environment</i> , 2018, 634, 1486-1504. | 3.9 | 54 |
| 15 | An investigation of the distribution of phosphorus between free and mineral associated soil organic matter, using density fractionation. <i>Plant and Soil</i> , 2018, 427, 139-148. | 1.8 | 20 |
| 16 | Mains water leakage: Implications for phosphorus source apportionment and policy responses in catchments. <i>Science of the Total Environment</i> , 2017, 579, 702-708. | 3.9 | 20 |
| 17 | Long-term increases in soil carbon due to ecosystem fertilization by atmospheric nitrogen deposition demonstrated by regional-scale modelling and observations. <i>Scientific Reports</i> , 2017, 7, 1890. | 1.6 | 57 |
| 18 | Long-term P weathering and recent N deposition control contemporary plant-soil C, N, and P. <i>Global Biogeochemical Cycles</i> , 2016, 30, 231-249. | 1.9 | 32 |

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|----|--|-----|-----------|
| 19 | The C:N:P:S stoichiometry of soil organic matter. <i>Biogeochemistry</i> , 2016, 130, 117-131. | 1.7 | 167 |
| 20 | 150 years of macronutrient change in unfertilized UK ecosystems: Observations vs simulations. <i>Science of the Total Environment</i> , 2016, 572, 1485-1495. | 3.9 | 14 |
| 21 | Long-term macronutrient stoichiometry of UK ombrotrophic peatlands. <i>Science of the Total Environment</i> , 2016, 572, 1561-1572. | 3.9 | 18 |
| 22 | Nutrient fluxes from domestic wastewater: A national-scale historical perspective for the UK 1800-2010. <i>Science of the Total Environment</i> , 2016, 572, 1471-1484. | 3.9 | 36 |
| 23 | Effect of Ocean Acidification on Organic and Inorganic Speciation of Trace Metals. <i>Environmental Science & Technology</i> , 2016, 50, 1906-1913. | 4.6 | 92 |
| 24 | Macronutrient processing by temperate lakes: A dynamic model for long-term, large-scale application. <i>Science of the Total Environment</i> , 2016, 572, 1573-1585. | 3.9 | 9 |
| 25 | Productivity in a dominant herbaceous species is largely unrelated to soil macronutrient stocks. <i>Science of the Total Environment</i> , 2016, 572, 1636-1644. | 3.9 | 5 |
| 26 | Metal speciation from stream to open ocean: modelling v. measurement. <i>Environmental Chemistry</i> , 2016, 13, 464. | 0.7 | 25 |
| 27 | Dependence of ombrotrophic peat nitrogen on phosphorus and climate. <i>Biogeochemistry</i> , 2015, 125, 11-20. | 1.7 | 16 |
| 28 | Dissolved trace metal speciation in estuarine and coastal waters: Comparison of WHAM/Model VII predictions with analytical results. <i>Environmental Toxicology and Chemistry</i> , 2015, 34, 53-63. | 2.2 | 43 |
| 29 | Aged riverine particulate organic carbon in four UK catchments. <i>Science of the Total Environment</i> , 2015, 536, 648-654. | 3.9 | 15 |
| 30 | Testing WHAM-TOX with laboratory toxicity data for mixtures of metals (Cu, Zn). <i>Environmental Toxicology and Chemistry</i> , 2015, 34, 741-753. | 2.2 | 55 |
| 31 | Metal Mixture Modeling Evaluation project: 2. Comparison of four modeling approaches. <i>Environmental Toxicology and Chemistry</i> , 2015, 34, 741-753. | 2.2 | 55 |
| 32 | Long-term organic carbon turnover rates in natural and semi-natural topsoils. <i>Biogeochemistry</i> , 2014, 118, 257-272. | 1.7 | 27 |
| 33 | Dynamic modelling of the long term behaviour of cadmium, lead and mercury in Swiss forest soils using CHUM-AM. <i>Science of the Total Environment</i> , 2014, 468-469, 864-876. | 3.9 | 11 |
| 34 | Atmospheric deposition of phosphorus to land and freshwater. <i>Environmental Sciences: Processes and Impacts</i> , 2014, 16, 1608-1617. | 1.7 | 172 |
| 35 | Metal and proton toxicity to lake zooplankton: A chemical speciation based modelling approach. <i>Environmental Pollution</i> , 2014, 186, 115-125. | 3.7 | 25 |
| 36 | Predicting nitrogen and acidity effects on long-term dynamics of dissolved organic matter. <i>Environmental Pollution</i> , 2014, 184, 271-282. | 3.7 | 34 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | Recovery of macroinvertebrate species richness in acidified upland waters assessed with a field toxicity model. <i>Ecological Indicators</i> , 2014, 37, 341-350. | 2.6 | 20 |
| 38 | Mobilization of optically invisible dissolved organic matter in response to rainstorm events in a tropical forest headwater river. <i>Geophysical Research Letters</i> , 2014, 41, 1202-1208. | 1.5 | 38 |
| 39 | Investigating humic substances interactions with UO_2^{2+} and NpO_2^{2+} in natural waters. <i>Geochimica Et Cosmochimica Acta</i> , 2013, 77, 214-228. | 1.6 | 8 |
| 40 | An intermediate complexity dynamic model for predicting accumulation of atmospherically-deposited metals (Ni, Cu, Zn, Cd, Pb) in catchment soils: 1400 to present. <i>Environmental Pollution</i> , 2013, 180, 236-245. | 3.7 | 8 |
| 41 | Metal mixture toxicity to aquatic biota in laboratory experiments: Application of the WHAM-FTOX model. <i>Aquatic Toxicology</i> , 2013, 142-143, 114-122. | 1.9 | 48 |
| 42 | Long-term effects of experimental fertilization and soil warming on dissolved organic matter leaching from a spruce forest in Northern Sweden. <i>Geoderma</i> , 2013, 200-201, 172-179. | 2.3 | 32 |
| 43 | The use of invertebrate body burdens to predict ecological effects of metal mixtures in mining-impacted waters. <i>Aquatic Toxicology</i> , 2013, 142-143, 294-302. | 1.9 | 43 |
| 44 | Nitrogen deposition effects on plant species diversity; threshold loads from field data. <i>Environmental Pollution</i> , 2013, 179, 218-223. | 3.7 | 21 |
| 45 | Natural capital and ecosystem services, developing an appropriate soils framework as a basis for valuation. <i>Soil Biology and Biochemistry</i> , 2013, 57, 1023-1033. | 4.2 | 144 |
| 46 | Freshwater DOM quantity and quality from a two-component model of UV absorbance. <i>Water Research</i> , 2012, 46, 4532-4542. | 5.3 | 77 |
| 47 | N14C: A plant-soil nitrogen and carbon cycling model to simulate terrestrial ecosystem responses to atmospheric nitrogen deposition. <i>Ecological Modelling</i> , 2012, 247, 11-26. | 1.2 | 40 |
| 48 | Atmospheric pollution histories of three Cumbrian surface waters. <i>Freshwater Biology</i> , 2012, 57, 244-259. | 1.2 | 3 |
| 49 | Simulation of carbon cycling, including dissolved organic carbon transport, in forest soil locally enriched with ^{14}C . <i>Biogeochemistry</i> , 2012, 108, 91-107. | 1.7 | 41 |
| 50 | Trace metals in the open oceans: speciation modelling based on humic-type ligands. <i>Environmental Chemistry</i> , 2011, 8, 304. | 0.7 | 25 |
| 51 | Humic Ion-Binding Model VII: a revised parameterisation of cation-binding by humic substances. <i>Environmental Chemistry</i> , 2011, 8, 225. | 0.7 | 344 |
| 52 | Assessing WHAM/Model VII against field measurements of free metal ion concentrations: model performance and the role of uncertainty in parameters and inputs. <i>Environmental Chemistry</i> , 2011, 8, 501. | 0.7 | 114 |
| 53 | Aluminium speciation in streams and lakes of the UK Acid Waters Monitoring Network, modelled with WHAM. <i>Science of the Total Environment</i> , 2011, 409, 1550-1558. | 3.9 | 20 |
| 54 | Mercury in United Kingdom topsoils; concentrations, pools, and Critical Limit exceedances. <i>Environmental Pollution</i> , 2011, 159, 3721-3729. | 3.7 | 36 |

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|----|---|-----|-----------|
| 55 | Long-term mercury dynamics in UK soils. <i>Environmental Pollution</i> , 2011, 159, 3474-3483. | 3.7 | 21 |
| 56 | Mean residence time of O horizon carbon along a climatic gradient in Scandinavia estimated by 14C measurements of archived soils. <i>Biogeochemistry</i> , 2011, 104, 227-236. | 1.7 | 29 |
| 57 | Sources and ages of dissolved organic matter in peatland streams: evidence from chemistry mixture modelling and radiocarbon data. <i>Biogeochemistry</i> , 2010, 100, 121-137. | 1.7 | 66 |
| 58 | Dynamic modelling of atmospherically-deposited Ni, Cu, Zn, Cd and Pb in Pennine catchments (northern England). <i>Environmental Pollution</i> , 2010, 158, 1521-1529. | 3.7 | 35 |
| 59 | Critical Limits for Hg(II) in soils, derived from chronic toxicity data. <i>Environmental Pollution</i> , 2010, 158, 2465-2471. | 3.7 | 73 |
| 60 | Canopy influence on trace metal atmospheric inputs on forest ecosystems: Speciation in throughfall. <i>Atmospheric Environment</i> , 2010, 44, 824-833. | 1.9 | 67 |
| 61 | Transfer functions for solid-liquid partitioning of cadmium, copper, nickel, lead and zinc in soils: derivation of relationships for free metal ion activities and validation with independent data. <i>European Journal of Soil Science</i> , 2010, 61, 58-73. | 1.8 | 106 |
| 62 | Soil organic matter turnover in British deciduous woodlands, quantified with radiocarbon. <i>Geoderma</i> , 2010, 155, 10-18. | 2.3 | 20 |
| 63 | Toxicity of proton-metal mixtures in the field: Linking stream macroinvertebrate species diversity to chemical speciation and bioavailability. <i>Aquatic Toxicology</i> , 2010, 100, 112-119. | 1.9 | 101 |
| 64 | Quantification of natural DOM from UV absorption at two wavelengths. <i>Environmental Chemistry</i> , 2009, 6, 472. | 0.7 | 64 |
| 65 | METAL CONTAMINATION IN AQUATIC ENVIRONMENTS. SCIENCE AND LATERAL MANAGEMENT. - By Samuel N. Luoma and Philip S. Rainbow. <i>Journal of Fish Biology</i> , 2009, 75, 1911-1912. | 0.7 | 4 |
| 66 | In Situ Speciation Measurements of Trace Metals in Headwater Streams. <i>Environmental Science & Technology</i> , 2009, 43, 7230-7236. | 4.6 | 55 |
| 67 | Increasing Iron Concentrations in UK Upland Waters. <i>Aquatic Geochemistry</i> , 2008, 14, 263-288. | 1.5 | 80 |
| 68 | The Chemical Speciation of Fe(III) in Freshwaters. <i>Aquatic Geochemistry</i> , 2008, 14, 337-358. | 1.5 | 110 |
| 69 | Dissolved organic carbon in soil solutions: a comparison of collection methods. <i>Soil Use and Management</i> , 2008, 24, 29-36. | 2.6 | 23 |
| 70 | Proton interactions with soil organic matter: the importance of aggregation and the weak acids of humin. <i>European Journal of Soil Science</i> , 2008, 59, 1111-1121. | 1.8 | 5 |
| 71 | Concentrations and fluxes of dissolved organic carbon in UK topsoils. <i>Science of the Total Environment</i> , 2008, 407, 460-470. | 3.9 | 49 |
| 72 | Functional variability of dissolved organic matter from the surface water of a productive lake. <i>Water Research</i> , 2008, 42, 81-90. | 5.3 | 26 |

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|----|---|-----|-----------|
| 73 | Long-term nitrate increases in two oligotrophic lakes, due to the leaching of atmospherically-deposited N from moorland ranker soils. <i>Environmental Pollution</i> , 2008, 152, 41-49. | 3.7 | 11 |
| 74 | Metal accumulation by stream bryophytes, related to chemical speciation. <i>Environmental Pollution</i> , 2008, 156, 936-943. | 3.7 | 55 |
| 75 | Relating dissolved organic matter fluorescence and functional properties. <i>Chemosphere</i> , 2008, 73, 1765-1772. | 4.2 | 136 |
| 76 | Functional properties of DOM in a stream draining blanket peat. <i>Science of the Total Environment</i> , 2008, 407, 566-573. | 3.9 | 17 |
| 77 | Modelling the interactions of Hg(II) and methylmercury with humic substances using WHAM/Model VI. <i>Applied Geochemistry</i> , 2007, 22, 1624-1635. | 1.4 | 57 |
| 78 | On the Acid-Base Properties of Humic Acid in Soil. <i>Environmental Science & Technology</i> , 2007, 41, 465-470. | 4.6 | 27 |
| 79 | Solubility of major cations and Cu, Zn and Cd in soil extracts of some contaminated agricultural soils near a zinc smelter in Norway: modelling with a multisurface extension of WHAM. <i>European Journal of Soil Science</i> , 2007, 58, 1074-1086. | 1.8 | 44 |
| 80 | The organic carbon dynamics of a moorland catchment in N. W. England. <i>Biogeochemistry</i> , 2007, 84, 171-189. | 1.7 | 28 |
| 81 | Trace Metals in the Catchment, Loch and Sediments of Lochnagar: Measurements and Modelling. , 2007, , 345-373. | | 6 |
| 82 | Integrated Approach for Hazard Assessment of Metals and Inorganic Metal Substances. , 2007, , 11-54. | | 1 |
| 83 | Modeling Iron Binding to Organic Matter. <i>Environmental Science & Technology</i> , 2006, 40, 7488-7493. | 4.6 | 60 |
| 84 | Simulating the long-term chemistry of an upland UK catchment: Major solutes and acidification. <i>Environmental Pollution</i> , 2006, 141, 151-166. | 3.7 | 26 |
| 85 | Simulating the long-term chemistry of an upland UK catchment: Heavy metals. <i>Environmental Pollution</i> , 2006, 141, 139-150. | 3.7 | 61 |
| 86 | DEVELOPING A CRITICAL LOAD APPROACH FOR NATIONAL RISK ASSESSMENTS OF ATMOSPHERIC METAL DEPOSITION. <i>Environmental Toxicology and Chemistry</i> , 2006, 25, 883. | 2.2 | 22 |
| 87 | DOC leaching from a coniferous forest floor: modeling a manipulation experiment. <i>Journal of Plant Nutrition and Soil Science</i> , 2005, 168, 316-324. | 1.1 | 17 |
| 88 | Dissolved Organic Carbon Leaching from a Coniferous Forest Floor – A Field Manipulation Experiment. <i>Biogeochemistry</i> , 2005, 75, 271-287. | 1.7 | 71 |
| 89 | Potentially toxic metals in ombrotrophic peat along a 400 km English-Scottish transect. <i>Environmental Pollution</i> , 2005, 136, 11-18. | 3.7 | 17 |
| 90 | Modelling Al competition for heavy metal binding by dissolved organic matter in soil and surface waters of acid and neutral pH. <i>Geoderma</i> , 2005, 127, 293-304. | 2.3 | 77 |

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|-----|---|-----|-----------|
| 91 | Development and application of functional assays for freshwater dissolved organic matter. <i>Water Research</i> , 2005, 39, 4559-4573. | 5.3 | 40 |
| 92 | Cation binding by acid-washed peat, interpreted with Humic Ion-Binding Model VI-FD. <i>European Journal of Soil Science</i> , 2004, 55, 433-447. | 1.8 | 28 |
| 93 | Deriving Soil Critical Limits for Cu, Zn, Cd, and Pb: A Method Based on Free Ion Concentrations. <i>Environmental Science & Technology</i> , 2004, 38, 3623-3631. | 4.6 | 188 |
| 94 | Modelling the production and transport of dissolved organic carbon in forest soils. <i>Biogeochemistry</i> , 2003, 66, 241-264. | 1.7 | 167 |
| 95 | Generic NICA-Donnan Model Parameters for Metal-Ion Binding by Humic Substances. <i>Environmental Science & Technology</i> , 2003, 37, 958-971. | 4.6 | 596 |
| 96 | Metals in bulk deposition and surface waters at two upland locations in northern England. <i>Environmental Pollution</i> , 2003, 121, 153-167. | 3.7 | 98 |
| 97 | Predicting the release of metals from ombrotrophic peat due to drought-induced acidification. <i>Environmental Pollution</i> , 2003, 123, 239-253. | 3.7 | 106 |
| 98 | The solid-solution partitioning of heavy metals (Cu, Zn, Cd, Pb) in upland soils of England and Wales. <i>Environmental Pollution</i> , 2003, 125, 213-225. | 3.7 | 342 |
| 99 | Complexation with Dissolved Organic Matter and Solubility Control of Heavy Metals in a Sandy Soil. <i>Environmental Science & Technology</i> , 2002, 36, 4804-4810. | 4.6 | 477 |
| 100 | Laboratory measurements and modeling of metal-humic interactions under estuarine conditions. <i>Geochimica Et Cosmochimica Acta</i> , 2002, 66, 403-415. | 1.6 | 41 |
| 101 | Al(III) and Fe(III) binding by humic substances in freshwaters, and implications for trace metal speciation. <i>Geochimica Et Cosmochimica Acta</i> , 2002, 66, 3211-3224. | 1.6 | 339 |
| 102 | Comparison of measured and modelled copper binding by natural organic matter in freshwaters. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2002, 133, 37-49. | 1.3 | 82 |
| 103 | Biological responses to the reversal of acidification in surface waters of the English Lake District. <i>Environmental Pollution</i> , 2002, 116, 137-146. | 3.7 | 56 |
| 104 | Humic substances – a brief review. , 2002, , 4-31. | | 0 |
| 105 | Environmental solution and surface chemistry. , 2002, , 32-51. | | 0 |
| 106 | Proton dissociation from weak acids. , 2002, , 52-76. | | 4 |
| 107 | Metal-ligand interactions. , 2002, , 77-102. | | 0 |
| 108 | Methods for measuring cation binding by humic substances. , 2002, , 103-127. | | 0 |

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|-----|---|-----|-----------|
| 109 | Quantitative results with isolated humic substances. , 2002, , 128-156. | | 0 |
| 110 | Cation binding sites in humic substances. , 2002, , 157-170. | | 0 |
| 111 | Parameterised models of cation-humic interactions. , 2002, , 171-209. | | 0 |
| 112 | Applications of comprehensive parameterised models. , 2002, , 210-252. | | 0 |
| 113 | Predictive modelling. , 2002, , 253-261. | | 0 |
| 114 | Cation-humic binding and other physico-chemical processes. , 2002, , 262-287. | | 0 |
| 115 | Cation binding by humic substances in natural waters. , 2002, , 288-333. | | 1 |
| 116 | Cation binding by humic substances in soils and sediments. , 2002, , 334-379. | | 0 |
| 117 | Research needs. , 2002, , 380-390. | | 0 |
| 118 | Laboratory Dissolution Studies of Rocks from the Borrowdale Volcanic Group (English Lake District). Water, Air, and Soil Pollution, 2002, 138, 335-358. | 1.1 | 11 |
| 119 | The molecular properties of humic substances isolated from a UK upland peat system. Environment International, 2001, 27, 449-462. | 4.8 | 39 |
| 120 | Accumulation of Al, Mn, Fe, Cu, Zn, Cd and Pb by the bryophyte <i>Scapania undulata</i> in three upland waters of different pH. Environmental Pollution, 2001, 114, 93-100. | 3.7 | 35 |
| 121 | Aluminium speciation in forest soil solution - modelling the contribution of low molecular weight organic acids. Science of the Total Environment, 2001, 278, 215-229. | 3.9 | 28 |
| 122 | Generic NICA-Donnan Model Parameters for Proton Binding by Humic Substances. Environmental Science & Technology, 2001, 35, 2049-2059. | 4.6 | 386 |
| 123 | Americium Binding to Humic Acid. Environmental Science & Technology, 2001, 35, 3495-3500. | 4.6 | 23 |
| 124 | Modelling pH buffering and aluminium solubility in European forest soils. European Journal of Soil Science, 2001, 52, 189-204. | 1.8 | 72 |
| 125 | Modelling the solid-solution partitioning of organic matter in European forest soils. European Journal of Soil Science, 2001, 52, 215-226. | 1.8 | 32 |
| 126 | Solid-solution metal partitioning in the Humber rivers: application of WHAM and SCAMP. Science of the Total Environment, 2000, 251-252, 381-399. | 3.9 | 55 |

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|-----|---|-----|-----------|
| 127 | Reversal of acidification in tributaries of the River Duddon (English Lake District) between 1970 and 1998. <i>Environmental Pollution</i> , 2000, 109, 183-191. | 3.7 | 16 |
| 128 | Copper Speciation and Impacts on Bacterial Biosensors in the Pore Water of Copper-Contaminated Soils. <i>Environmental Science & Technology</i> , 2000, 34, 5115-5121. | 4.6 | 150 |
| 129 | Modelling the Solidâ€“Solution Partitioning of Metals in Environmental Systems. <i>Environmental Geochemistry and Health</i> , 1999, 21, 299-304. | 1.8 | 7 |
| 130 | Testing Models of Chemical Speciation in Freshwaters. <i>Environmental Geochemistry and Health</i> , 1999, 21, 305-310. | 1.8 | 2 |
| 131 | Variation in seasonal precipitation chemistry with altitude in the northern Pennines, UK. <i>Environmental Pollution</i> , 1999, 104, 1-9. | 3.7 | 13 |
| 132 | Climatic influences on the leaching of dissolved organic matter from upland UK moorland soils, investigated by a field manipulation experiment. <i>Environment International</i> , 1999, 25, 83-95. | 4.8 | 210 |
| 133 | Europium binding by fulvic acids. <i>Analytica Chimica Acta</i> , 1998, 369, 171-180. | 2.6 | 47 |
| 134 | Title is missing!. <i>Aquatic Geochemistry</i> , 1998, 4, 3-47. | 1.5 | 746 |
| 135 | Dissolved nutrient concentrations and loads in some upland streams of the English Lake District. <i>Hydrobiologia</i> , 1998, 377, 85-93. | 1.0 | 12 |
| 136 | Effects of climate change on nitrogen dynamics in upland soils. 1. A transplant approach. <i>Global Change Biology</i> , 1998, 4, 143-152. | 4.2 | 79 |
| 137 | Reversal of acidification in upland waters of the English Lake District. <i>Environmental Pollution</i> , 1998, 103, 143-151. | 3.7 | 30 |
| 138 | Concentrations and fluxes of dissolved organic carbon in drainage water from an upland peat system. <i>Environment International</i> , 1998, 24, 537-546. | 4.8 | 103 |
| 139 | Testing a humic speciation model by titration of copper-amended natural waters. <i>Environment International</i> , 1998, 24, 609-616. | 4.8 | 78 |
| 140 | Modelling the chemical speciation of trace metals in the surface waters of the Humber system. <i>Science of the Total Environment</i> , 1998, 210-211, 63-77. | 3.9 | 105 |
| 141 | An assemblage model for cation binding by natural particulate matter. <i>Geochimica Et Cosmochimica Acta</i> , 1998, 62, 2609-2625. | 1.6 | 136 |
| 142 | Metal ion[ndash]humic substance interaction A thermodynamic study. <i>Journal of the Chemical Society, Faraday Transactions</i> , 1998, 94, 95-100. | 1.7 | 27 |
| 143 | Proton Binding by Groundwater Fulvic Acids of Different Age, Origins, and Structure Modeled with the Model V and NICAâ”Donnan Model. <i>Environmental Science & Technology</i> , 1998, 32, 3346-3355. | 4.6 | 66 |
| 144 | Organic carbon in the Humber rivers. <i>Science of the Total Environment</i> , 1997, 194-195, 345-355. | 3.9 | 86 |

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|-----|--|-----|-----------|
| 145 | Effects of aluminium in acid streams on growth and sporulation of aquatic hyphomycetes. <i>Environmental Pollution</i> , 1997, 96, 289-298. | 3.7 | 20 |
| 146 | Chemistry of riverine and estuarine suspended particles from the Ouse-Trent system, UK. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 1997, 120, 183-198. | 2.3 | 37 |
| 147 | CHUM: a hydrochemical model for upland catchments. <i>Journal of Hydrology</i> , 1996, 174, 305-330. | 2.3 | 36 |
| 148 | Hydrochemical modelling of the retention and transport of metallic radionuclides in the soils of an upland catchment. <i>Environmental Pollution</i> , 1996, 94, 105-116. | 3.7 | 13 |
| 149 | Electrokinetic properties of oxide particles in natural waters. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 1996, 111, 203-212. | 2.3 | 8 |
| 150 | The interaction of some pesticides and herbicides with humic substances. <i>Analytica Chimica Acta</i> , 1996, 327, 191-201. | 2.6 | 55 |
| 151 | The aggregation of silica and haematite particles dispersed in natural water samples. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 1996, 118, 97-105. | 2.3 | 32 |
| 152 | Experimental determination of partial specific volumes of humic substances in aqueous solutions. <i>Analytica Chimica Acta</i> , 1995, 314, 149-159. | 2.6 | 23 |
| 153 | Modelling the solid-solution distributions of protons, aluminium, base cations and humic substances in acid soils. <i>European Journal of Soil Science</i> , 1995, 46, 77-94. | 1.8 | 108 |
| 154 | Proton and copper binding by humic acid: application of a discrete-site/electrostatic ion-binding model. <i>European Journal of Soil Science</i> , 1995, 46, 95-101. | 1.8 | 25 |
| 155 | Solid-Solution Distributions of Radionuclides in Acid Soils: Application of the WHAM Chemical Speciation Model. <i>Environmental Science & Technology</i> , 1995, 29, 1365-1372. | 4.6 | 23 |
| 156 | A comparative study of proton and alkaline earth metal binding by humic substances. <i>Analytica Chimica Acta</i> , 1994, 294, 319-327. | 2.6 | 51 |
| 157 | WHAM: A chemical equilibrium model and computer code for waters, sediments, and soils incorporating a discrete site/electrostatic model of ion-binding by humic substances. <i>Computers and Geosciences</i> , 1994, 20, 973-1023. | 2.0 | 726 |
| 158 | Deposition and resuspension of fine particles in a riverine "dead zone". <i>Hydrological Processes</i> , 1993, 7, 263-277. | 1.1 | 41 |
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