Литература по формам, адсорбции, комплексообразованию и миграции тяжелых металлов, радиоактивных и других элементов в почвах, горных породах и донных отложениях

Источник	Элементы
Бабейова Н.О., Главати О.Л., Главати Л.О. Влияние органических и неорганических веществ на движение тяжелых металлов в почве (Обзор) // Экотехнологии и ресурсосбережение. – 2000. – №6. – С. 38–49.	Cd, Co, Cr, Cu, Hg, Mo, Ni, Pb, V, Zn
Бабейова Н.О., Главати О.Л. Экологические последствия загрязнения кадмием грунтов и почвенных вод (Обзор) // Экотехнологии и ресурсосбережение (Обзор). – 2001. – №1. – С. 39–48.	Cd
Белицкий А.С., Орлова Е.И. Охрана подземных вод от радиоактивных загрязнений. – М.: Медицина, 1968. – 208 с.	Ba, Ce, Cs, Co, La, Nb, Po, Pu, Ra, Ru, Sr, U, Y, Zn, Zr
Богданов Р.В., Озерная С.А., Пихлак А.-Т.А., Тимофеев С.А. Радиогенный уран-234 в составе гумусовых кислот граптолитового аргиллита // Oil Shale. – 2007. – Vol. 24, №1. – P. 73–89.	U
Бондаренко Г.П. Об устойчивости растворимых комплексных соединений меди с гуминовыми и фульвокислотами в различных средах // Геохимия. – 1972, №8. – С. 1012–1023.	Cu
Бондарь Ю.И., Ивашкевич Л.С., Шманай Г.С., Калинин В.Н. Влияние органического вещества на сорбцию ^{137}Cs почвой // Почвоведение. – 2003. – №8. – С. 929–933.	Cs
Бортникова С.Б., Гаськова О.Л., Присекина Н.А. Геохимическая оценка потенциальной опасности отвальных пород Ведугинского месторождения // Геохимия. – 2010. – №3. – С. 295–310.	Ag, As, Ba, Cd, Co, Cr, Cu, Mo, Ni, Pb, Sb, Se, Ti, V, W, Zn
Будаева А.Д., Золтоев Е.В., Хантургаева Г.И., Жамбалова Б.С. Сорбция меди и цинка из модельных растворов гуминовыми кислотами // Химия в интересах устойчивого развития. – 2008. – Т. 16, №2. – С. 143–146.	Cu, Zn

Булгаков А.А., Коноплев А.В. Моделирование долговременной трансформации форм нахождения ^{90}Sr в почвах // Почвоведение. – 2005. – №7. – С. 825–831.	Sr
Варшал Г.М., Кощеева И.Я., Сироткина И.С., Велюханова Т.К., Инцикирвели Л.Н., Замокина Н.С. Изучение органических веществ поверхностных вод и их взаимодействия с ионами металлов // Геохимия. – 1979. – №4. – С. 598–608.	Ce, Ru, Sr, Yb
Варшал Г.М., Велюханова Т.К., Кощеева И.Я., Кубракова И.В., Баранова Н.Н. Комплексообразование благородных металлов с фульвокислотами природных вод и геохимическая роль этих процессов // Аналитическая химия редких элементов. – М: Наука. – 1988.– С. 112–146.	Au, Ru
Варшал Г.М. Формы миграции фульвокислот и металлов в природных водах: Автореф. дисс. д-ра хим.наук: 04.00.02:02.00.02. – М., 1994. – 65 с.	Au, Co, Cu, Hg, Pd, Pt, Ru, Sb, Sr, U, Y
Варшал Г.М., Велюханова Т.К., Корочанцев А.В., Тобелко К.И., Галузинская А.Х., Ахманова М.В. О связи сорбционной емкости углеродистого вещества пород по отношению к благородным металлам с его структурой // Геохимия. – 1995. – №8. – С. 1191–1198.	Pd, Pt
Варшал Г.М., Кощеева И.Я., Велюханова Т.К., Чхетия Д.Н., Тютюнник О.А., Гриневская Ж.М. Сорбция тяжелых металлов и изотопных носителей долгоживущих радионуклидов на гуминовой кислоте. Сообщение 1. Сорбция цезия (I), стронция (II), церия (III), рутения (IV) на гуминовой кислоте // Геохимия. – 1996. – №11. – С. 1107–1112.	Ce, Cs, Ru, Sr
Варшал Г.М., Кощеева И.Я., Велюханова Т.К., Холин Ю.В., Чхетия Д.Н., Тютюнник О.А., Хушвахтова С.Д. Сорбция на гуминовых кислотах как главная причина концентрирования тяжелых металлов в природных средах // Анализ объектов окружающей среды: Тез. докл. 3 Всерос. конф. «ЭКОАНАЛИТИКА-98», Краснодар, 20–25 сент. 1998. – Краснодар, 1998. – С. 210–211.	Au, Cd, Ce, Cs, Cu, Hg, Pb, Ru, Sr, Y, Yb
Варшал Г.М., Кощеева И.Я., Хушвахтова С.Д., Холин Ю.В., Тютюнник О.А. О механизме сорбции ртути (II) гуминовыми кислотами // Почвоведение. – 1998. – №9. – С. 1071–1078.	Hg
Варшал Г.М., Кощеева И.Я., Хушвахтова С.Д., Холин Ю.В., Данилова В.Н., Таций Ю.Г., Велюханова Т.К., Быков И.В., Тютюнник О.А., Галузинская А.Х. Взаимодействие ртути с гуминовыми кислотами как определяющий фактор механизма ее концентрирования в объектах окружающей среды // Разведка и охрана недр. – 1998. – №3. – С. 29–31.	Hg

Варшал Г.М., Кощеева И.Я., Хушвахтова С.Д., Велюханова Т.К., Таций Ю.Г., Кригман Л.В., Тютюнник О.А., Данилова В.Н., Чхетия Д.Н. Процессы, контролирующие рассеяние ртути в природных средах // Наука производству. – 1998. – №2 (4). – С. 56–59.	Hg
Варшал Г.М., Кощеева И.Я., Хушвахтова С.Д., Велюханова Т.К., Таций Ю.Г., Данилова В.Н., Тютюнник О.А., Чхетия Д.Н., Галузинская А.Х. Комплексообразование ртути с гумусовыми кислотами как важнейший этап цикла ртути в биосфере // Геохимия. – 1999. – №3. – С. 269–275.	Hg
Водяницкий Ю.Н., Рогова О.Б., Пинский Д.Л. Применение уравнений Ленгмюра и Дубинина-Радушкевича для описания поглощения Cu и Zn дерново-карбонатной почвой // Почвоведение. – 2000. – №11. – С. 1391–1398.	Cu, Zn
Водяницкий Ю.Н. Соединения As, Pb и Zn в загрязненных почвах (по данным EXAFS-спектроскопии – обзор литературы) // Почвоведение. – 2006. – №6. – С. 681–691.	As, Pb, Zn
Водяницкий Ю.Н., Васильев А.А., Власов М.Н. Гидрогенное загрязнение тяжелыми металлами аллювиальных почв г. Пермь // Почвоведение. – 2008. – №11. – С. 1399–1408.	As, Cr, Cu, Ga, Nb, Ni, Pb, Rb, Sr, Y, Zn, Zr
Водяницкий Ю.Н. Тяжелые металлы и металлоиды в почвах. – М.: ГНУ Почвенный институт им. В.В. Докучаева РАСХН, 2008. – 86 с	As, Cr, Ni, Pb, Zn
Водяницкий Ю.Н. Хром и мышьяк в загрязненных почвах (обзор литературы) // Почвоведение. – 2009. – №5. – С. 551–559.	As, Cr
Водяницкий Ю.П. Состояние и поведение природных и техногенных форм As, Sb, Se, Te в рудных отвалах и загрязненных почвах (Обзор литературы) // Почвоведение. – 2010. – №1. – С. 37–46.	As, Sb, Se, Te
Водяницкий Ю.П. Формы цинка в загрязненных почвах (Обзор литературы) // Почвоведение. – 2010. – №3. – С. 293–302.	Zn
Водяницкий Ю.П. Роль соединений железа в закреплении тяжелых металлов и металлоидов в почвах (Обзор литературы) // Почвоведение. – 2010. – №5. – С. 558–572.	As, Cd, Co, Cr, Ni, Pb, Sb, V, Zn

Водяницкий Ю.Н. Формулы оценки суммарного загрязнения почв тяжелыми металлами и металлоидами // Почвоведение. – 2010. – №10. – С. 1276–1280.	As, Ba, Cd, Co, Cr, Cu, Hg, Mo, Ni, Pb, Sb, Se, Sr, V, W, Zn
Водяницкий Ю.Н. Химические аспекты поведения урана в почвах (обзор литературы) // Почвоведение. – 2011. – №8. – С. 940–952.	U
Водяницкий Ю.Н., Плеханова И.О. Биогеохимия тяжелых металлов в загрязненных переувлажненных почвах (аналитический обзор) // Почвоведение. – 2014. – №3. – 273–282.	As, Cr, Cu, Ni, Pb, Zn
Волков С.Н., Колотов Б.А. Геохимия металлов в урбанизированной среде и некоторые новые проблемы геоэкологии // Научные аспекты экологических проблем России. Т. 2. – М.: Наука, 2002. – С.315–320.	Cd
Вольхин В.В., Портнова А.В., Леонтьева Г.В. Ремедиация почвы, загрязненной тяжелыми металлами, с помощью мелиорантов-стабилизаторов // Экология и промышленность России. – 2010. – №6. – С. 19–23.	Cu, Pb, Zn
Гаськова О.Л., Колонин Г.Р., Моргунов К.Г. Количественная оценка степени адсорбции ионов тяжелых металлов и радионуклидов на поверхности плохо растворимых оксидов // Вестник Отделения наук о Земле РАН / Электронный журнал. – 2002. – Т. 20. – №1. http://www.scgis.ru/russian/cp1251/h_dgggms/1-2002/informbul-1.htm#geoecol-1	Cd, Pb, U, Zn
Гаськова О.Л. Полуэмпирическая модель описания сорбционных равновесий на поверхности глинистых минералов // Геохимия. – 2009. – №6. – С. 647–659.	Cd, Cm, Cu, Pb, Zn
Гладков Е.А. Влияние комплексного взаимодействия тяжелых металлов на растения мегаполисов // Экология. – 2007. – №1. – С. 71–74.	Cd, Pb, Zn
Гончарук В.В., Соболева Н.М., Носонович А.А. Физико-химические аспекты проблемы загрязнения почв и гидросферы тяжелыми металлами // Химия в интересах устойчивого развития. – 2003. – Т. 11. – №6. – С. 795–809.	Ag, Bi, Cd, Co, Cr, Cu, Hg, Ni, Pb, Sb, Tl, Zn
Дину М.И. Сравнение комплексообразующих способностей фульвокислот и гуминовых кислот в водной среде с ионами железа и цинка // Водные ресурсы. – 2010. – Т. 37, №1. – С. 65–69.	Zn

Дину М.И. Влияние функциональных особенностей гумусовых веществ на процессы комплексообразования с ионами металлов (модельные эксперименты и расчеты): Автореф. дисс. канд. хим. наук. – М., 2011. – 23 с.	Cd, Co, Cr, Cu, Ni, Pb, Sr, Zn
Добровольский В.В. Гуминовые кислоты и водная миграция тяжелых металлов // Почвоведение. – 2006. – №11. – С. 1315–1321.	Cu, Zn
Дунаева А.Н., Мироненко М.В. Сорбция цезия некоторыми глинистыми минералами // Геохимия. – 2000. – №2. – С. 213–221.	Cs
Дунаева А.Н. Физико-химическое моделирование сорбции радионуклидов (^{137}Cs и ^{90}Sr) в системе "природные воды – глинистые минералы": Автореф. дисс. канд. хим. наук. – М., 2001. – 113 с.	Cs, Sr
Дунаева А.Н. Расчет констант ионообменной сорбции стронция-90 глинистыми минералами // Геохимия. – 2002, №6. – С. 671–681.	Sr
Дутова Е.М., Никитенков А.Н. Физико-химическое моделирование поведения урана в системе «вода – гранитоиды» // Вестник Томского государственного университета. – 2010. – № 330. – С. 202–208.	U
Ендовицкий А.П., Калиниченко В.П., Ильин В.Б., Иваненко А.А. Коэффициенты ассоциации и активность ионов кадмия и свинца в почвенных растворах // Почвоведение. – 2009. – №2. – С. 218–225.	Cd, Pb
Ефремов И.В., Рахимова Н.Н., Ефремова Е.Г., Савченкова Е.Э., Гафарова К.Я. Математическое моделирование миграции радионуклидов в почвенно-растительных комплексах Оренбуржья // Вестник Оренбургского государственного университета. – 2005. – №9. – С. 129–133.	Cs, Sr
Ефремов И.В., Рахимова Н.Н., Янчук Е.Л. Особенности миграции радионуклидов цезия-137 и стронция-90 в системе почва–растение // Вестник Оренбургского государственного университета. – 2005. – №12. – С. 42–46.	Cs, Sr
Жилин Д.М. Исследование реакционной способности и детоксицирующих свойств гумусовых кислот по отношению к соединениям ртути (II): Дисс. канд. хим. наук. – М., 1998. – 202 с.	Cd, Co, Cu, Hg, Ni, Pb, Zn
Зеленин В.И., Сагалова М.С., Сухарев С.Б., Денисова Э.И. К вопросу о химизме сорбционного взаимодействия ионов с гидроксидами металлов // Сорбционные и хроматографические процессы. – 2008. – Т. 8, №1. – С. 113–116.	Ag, Cd, Co, Cr, Cu, Ni, Pb, Sr, Y, Zn, Zr

Иванов И.А., Постовалова Г.А., Дрожко Е.Г. Миграция урана и трансурановых элементов в подземных водах района размещения открытого хранилища жидких радиоактивных отходов оз. Карачай // Вопросы радиационной безопасности. – 2005. – № 1. – С. 23–34.	Am, Cm, Np, Pu, Sr, U
Ильин В.Б., Конарбаева Г.А. Мышьяк в почвах Западной Сибири в связи с региональным мониторингом окружающей среды // Почвоведение. – 1995. – №5. – С. 634–638.	As
Ильин В.Б. Тяжелые металлы в системе почва–растение // Почвоведение. – 2007. – №9. – С. 1112–1119.	Pb, Zn
Кабата-Пендиас А. Проблемы современной биогеохимии элементов // Российский химический журнал (Журнал Российского химического общества им. Д.И. Менделеева). – 2005. – Т. XLIX, № 3. – С. 15–19.	As, Cd, Co, Cr, Cs, Cu, Hg, In, Mo, Ni, Pb, Rb, Re, Se, Sn, Sr, Te, Tl, V, Zn
Калиниченко К.В., Никовская Г.Н., Ульберг З.Р. Биоэкстракция тяжелых металлов из коллоидных иловых систем // Коллоидный журнал. – 2012. – Т. 74, №5. – С. 576–581.	Co, Cr, Cu, Ni, Pb, Zn
Караванова Е.И., Тимофеева Е.А. Химический состав растворов в макро- и микропорах верхних горизонтов некоторых почв Центрального лесного государственного природного биосферного заповедника // Почвоведение. – 2009. – №12. – С. 1456–1463.	Ba, Cd, Co, Cu, Ni, Pb, Sr, V, Zn
Карпухин М.М., Ладонин Д.В. Влияние компонентов почвы на поглощение тяжелых металлов в условиях техногенного загрязнения // Почвоведение. – 2008. – №11. – С. 1388–1398.	Cu, Pb, Zn
Каюгин А.А., Хритохин Н.А., Паничев С.А. Распределение кадмия в модельной системе, содержащей каолин и гуминовые кислоты // Химия в интересах устойчивого развития. – 2009. – Т.17, № 4. – С. 429–434.	Cd
Каюгин А.А. Распределение кадмия в модельных системах, содержащих каолинит и гуминовые кислоты: Автореф. дисс. канд. хим. наук / Тюменский гос. университет. – Тюмень, 2009. – 23 с.	Cd
Кирейчева Л.В., Глазунова И.В. Методы детоксикации почв, загрязненных тяжелыми металлами // Почвоведение. – 1995. – №7. – С. 892–896.	As, Cd, Co, Cu, Hg, Mo, Ni, Pb, V, Zn, Zr

Козлова Н.Б. Электрохимическое растворение молибдена, вольфрама и сплавов на их основе в водных и водно-органических растворах электролитов: Автореф. канд. техн. наук. – Иваново, 2003. – 15 с.	Mo, W
Костин А.В., Мосталыгина Л.В., Бухтояров О.И. Изучение механизма сорбции ионов меди и свинца на бентонитовой глине // Сорбционные и хроматографические процессы. – 2012. – Т. 12, №6. – С. 949–957.	Cu, Pb
Кощеева И.Я., *Хушвахтова С.Д., Левинский В.В., Данилова В.Н., Холин Ю.В.* О взаимодействии хрома (III) с гумусовыми веществами почв, вод, донных осадков // Геохимия. – 2007. – №2. – С. 208–215.	Cr
Круглов С.В., Анисимов В.С., Анисимова Л.Н., Алексахин Р.М. Показатели специфической сорбционной способности почв и минеральных сорбентов в отношении ^{137}Cs // Почвоведение. – 2008. – №6. – С. 693–703.	Cs
Круглов С.В., Анисимов В.С., Лаврентьева Г.В., Анисимова Л.Н. Параметры селективной сорбции Co, Cu, Zn и Cd дерново-подзолистой почвой и черноземом // Почвоведение. – 2009. – №4. – С. 419–428.	Cd, Co, Cu, Zn
Круглов С.В., Лаврентьева Г.В., Анисимов В.С. Сорбция радиоактивных и стабильных изотопов Co и Zn дерново-подзолистой почвой и черноземом // Почвоведение. – 2010. – №4. – С. 441–449.	Co, Zn
Кузнецов В.А., Генералова В.А. Радионуклиды и коллоидные соединения марганца в ландшафтах // Літасфера/Lithosphere. – 1994. – №1. – С. 146–159.	Cs, Sr
Кузнецов В.А., Генералова В.А. Радионуклиды и коллоидные соединения кремния в ландшафтах // Літасфера/Lithosphere. – 1996. – №4. – С. 149–156.	Cs, Sr
Лаврентьева Г.В., Круглов С.В., Анисимов В.С. Динамика катионного состава почвенного раствора известкованной дерново-подзолистой почвы при загрязнении Co и Cd и изменении pH // Почвоведение. – 2008. – №9. – С. 1092–1100.	Co, Cd
Ладонин Д.В., Марголина С.Е. Взаимодействие гуминовых кислот с тяжелыми металлами // Почвоведение. – 1997. – №7. – С. 806–811.	Cd, Cu, Pb, Zn
Ладонин Д.В. Влияние железистых и глинистых минералов на поглощение меди, цинка, свинца и кадмия в конкреционном горизонте подзолистой почвы // Почвоведение. – 2003. – №10. – С. 1197–1206.	Cd, Cu, Pb, Zn
Ладонин Д.В., Пляскина О.В. Изучение механизмов поглощения Cu(II), Zn(II) и Pb(II) дерново-подзолистой почвой // Почвоведение. – 2004. – №5. – С. 537–545.	Cu, Pb, Zn

Ладонин Д.В., Карпухин М.М. Влияние основных почвенных компонентов на поглощение меди, цинка и свинца городскими почвами // Вестник московского университета. Сер. 17: Почвоведение. – 2008. – № 3. – С. 33–38.	Cu, Pb, Zn
Лебедева О.Е., Пономаренко О.И., Беленко И.А. Влияние комплексообразования на миграционную способность меди в природных и сточных водах // Водные ресурсы. – 1995. – Т. 22. – №6. – С. 706–708.	Cu
Лиштван И.И., Капуцкий Ф.Н., Янута Ю.Г., Абрамец А.М., Стригуцкий В.П., Качанова Е.В. Гуминовые кислоты: взаимодействие с ионами металлов, особенности структуры и свойства металлогуминовых комплексов // Химия в интересах устойчивого развития. – 2006. – Т. 14, №3. – С. 391–397.	Co, Cr, Cu, Ni, Zn
Ляпина Е.Е., Головацкая Е.А., Ипполитов И.И., Прейс Ю.И. Ртуть в природных объектах Западной Сибири // Химия в интересах устойчивого развития. – 2009. – Т.17, №2. – С. 167–173.	Hg
Макатова И.Н., Иманалиева С.В. Влияние электролитов на сорбцию ионов меди гидроксидом железа // Труды Института химических наук АН Казахской ССР. – 1977. – Т. 44. – С. 104–106.	Cu
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Матвеенко Т.И. Динамика накопления радионуклидов в почвенном покрове юга Хабаровского края // Политематический сетевой электронный научный журнал Кубанского государственного аграрного университета. – 2006. – № 1. – С. 59–79.	Cs, Ra, Sr, Th
Махарадзе Г.А., Варшал Г.М., Супаташвили Г.Д. Исследование комплексообразования ионов меди с фульвокислотами, выделенными из природных вод // Химический анализ морских осадков. – М.: Наука, 1988. – С. 61–68.	Cu
Мечковский С.А., Карпукович Н.В., Козыревская А.Л., Трифонова А.Н. Аномальные явления в процессах межфазного распределения ионов тяжелых металлов // Сорбционные и хроматографические процессы. – 2003. – Т. 3. – Вып. 3. – С. 320–328.	Co, Cs, Cu, Hg, Ni, Pb, Zn
Мечковский С.А., Божко О.В., Линник В.Н., Санкевич Н.А. Концентрационная зависимость сорбции ионов Cd(ii), Co(ii), Ni(ii) и Pb(ii) модифицированным лигнином // Сорбционные и хроматографические процессы. – 2004. – Т. 4, Вып. 5. – С. 639–643.	Cd, Co, Ni, Pb

Минкина Т.М., Мотузова Г.В., Назаренко О.Г. Взаимодействие тяжелых металлов с органическим веществом чернозема обыкновенного // Почвоведение. – 2006. – №7. – С. 804–811.	Cu, Pb, Zn
Минкина Т.М., Мотузова Г.В., Назаренко О.Г., Крыщенко В.С., Манджиева С.С. Формы соединений тяжелых металлов в почвах степной зоны // Почвоведение. – 2008. – №7. – С. 810–818.	Cu, Pb, Zn
Минкина Т.М., Пинский Д.Л., Самохин А.П., Крыщенко В.С., Гапонова Ю.И., Микаилсой Ф.Д. Влияние сопутствующего аниона на поглощение цинка, меди и свинца черноземом // Почвоведение. – 2009. – №5. – С. 560–566.	Cu, Pb, Zn
Мотузова Г.В., Аптикаев Р.С., Карпова Е.А. Фракционирование почвенных соединений мышьяка // Почвоведение. – 2006. – №4. – С. 432–442.	As
Мотузова Г.В. Соединения микроэлементов в почвах: Системная организация, экологическое значение, мониторинг: 2-е изд. – Либроком, 2009. – 168 с.	As, Cd, Cu, Hg, Pb, Zn
Никифорова Е.М., Кошелева Н.Е. Динамика загрязнения городских почв свинцом (на примере Восточного округа Москвы) // Почвоведение. – 2007. – №9. – С. 984–997.	Pb
Никифорова Е.М., Кошелева Н.Е. Фракционный состав соединений свинца в почвах Москвы и Подмосковья // Почвоведение. – 2009. – №8. – С. 940–951.	Pb
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Нифантьева Т.И., Федорова О.В., Шкинев В.М., Спиваков Б.Я. Определение констант устойчивости комплексов цинка с гуминовыми веществами природных вод методом ультрафильтрации // Журнал аналитической химии. – 1998. – Т. 53, №7. – С. 734–737.	Zn
Носко И.В. Прогноз поведения урана в насыпных грунтах, нижележащих осадочных отложениях и грунтовых водах на одном из предприятий атомной отрасли // Вестник РУДН, серия Экология и безопасность жизнедеятельности. – 2008. – № 3. – С. 112–115.	U
Окина О.И., Горбунов А.В., Ляпунов С.М., Ильченко И.Н. Воздействие производств по переработке свинца с различными технологическими циклами на окружающую среду и городское население // Экология и промышленность России. – 2011, №12. – С. 50–54.	Pb

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Панин М.С., Сиромля Т.И. Адсорбция меди почвами Семипалатинского Прииртышья // Почвоведение. – 2005. – № 4. – С. 416–426.	Cu
Панов В.П., Дрегуло А.М. Содержание тяжелых металлов в избыточных илах и осадках биологических очистных сооружений (на примере г. Санкт-Петербурга) // Безопасность в техносфере. – 2010. – №3. – С. 37–39.	As, Cd, Co, Cr, Cu, Hg, Ni, Pb, Zn
Папина Т.С. Транспорт и особенности распределения тяжелых металлов в ряду: вода – взвешенное вещество – донные отложения речных экосистем: Аналит. обзор / ГПНТБ СО РАН; ИВЭП СО РАН. – Новосибирск, 2001. – 58 с. – (Сер. Экология. Вып. 62).	Ag, As, Cd, Co, Cr, Cu, Hg, Mo, Nd, Ni, Pb, Pr, Se, Sm, Sn, Th, U, V, Y, Zn, Zr
Печенюк С.И., Кузьмич Л.Ф. О природе сорбционного комплекса на поверхности оксигидроксидов металлов // Сорбционные и хроматографические процессы. – 2008. – Т. 8, №5. – С. 779–789.	Cr
Пивоваров С.А., Лакштанов Л.З. Адсорбция и поверхностное осаждение кадмия на гематите / Институт экспериментальной минералогии РАН. – 1998. http://ecology.iem.ac.ru/article_1/index.html	Cd
Пивоваров С.А. Физико-химическое моделирование поведения тяжелых металлов (Cu, Zn, Cd) в природных водах: комплексы в растворе, адсорбция, ионный обмен, транспортные явления: Дисс. канд. хим. наук. – М., 2003. – 137 с.	Cd, Cu, Zn
Пивоваров С.А., Лакштанов Л.З. Адсорбция кадмия на гематите // Геохимия. – 2003. – №10. – С. 1105–1120.	Cd
Пивоваров С.А. Компьютерное моделирование поведения тяжелых металлов (Cu, Zn, Cd) в природных водах // Прикладная геохимия. Вып. 5. Компьютерные технологии. – М.: ИМГРЭ, 2004. – С. 202–213.	Cd, Cu, Zn
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Пинский Д.Л., Фиала К., Моцик А., Душкина Л.Н. Исследование механизма поглощения меди, кадмия и свинца лугово-черноземной карбонатной почвой // Почвоведение. – 1986. – №11. – С. 58–66.	Cd, Cu, Pb

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Пинский Д.Л. Физико-химические механизмы иммобилизации тяжелых металлов в почвах // Тяжелые металлы в окружающей среде: Матер. Междунар. симп., Пущино, 15–18 окт., 1996. – Пущино, 1997. – С. 281–292. – Библ. 15.	Cd, Cu, Pb
Пинский Д.Л. К вопросу о механизмах ионообменной адсорбции тяжелых металлов почвами // Почвоведение. – 1998. – №11. – С. 1348–1355.	Cd, Cu, Pb
Пинский Д.Л., Золотарева Б.Н. Поведение Cu(II), Zn(II), Pb (II), Cd(II) в системе раствор–природные сорбенты в присутствии фульвокислоты // Почвоведение. – 2004. – №3. – С. 291–300.	Cd, Cu, Pb, Zn
Пинский Д.Л., Минкина Т.М., Манджиева С.С., Федоров Ю.А., Бауэр Т.В., Невидомская Д.Г. Особенности поглощения Cu(II), Pb(II) и Zn(II) черноземом обыкновенным из растворов нитратов, хлоридов, ацетатов и сульфатов // Почвоведение. – 2014. – №1. – С. 22–29.	Cu, Pb, Zn
Писаревская Т.А., Шапиро К.Я., Колчик О.П., Жилова С.Б. Исследование между вольфрамат- и оксалат-ионами // Химия и технология молибдена и вольфрама: Межвуз. сб. / Кабардино-Балкарский гос. Университет. – Нальчик, 1983. – С. 115–119.	W
Пляскина О.В., Ладонин Д.В. Загрязнение городских почв тяжелыми металлами // Почвоведение. – 2009. – №7. – С. 877–885.	Cd, Co, Cr, Cu, Ni, Pb, V, Zn
Понизовский А.А., Студеникина Т.А., Мироненко Е.В. Закономерности поглощения ионов меди почвой // Доклады Российской Академии наук. – 1999. – Т. 367, №6. – С. 804–806.	Cu
Понизовский А.А., Студеникина Т.А., Мироненко Е.В. Поглощение ионов меди(II) почвой и влияние на него органических компонентов почвенных растворов // Почвоведение. – 1999. – №7. – С. 850–859.	Cu
Понизовский А.А., Мироненко Е.В. Механизмы поглощения свинца(II) почвами // Почвоведение. – 2001. – №4. – С. 418–429.	Pb
Прогноз качества подземных вод в связи с их охраной от загрязнения / *Ф.И.Тютюнова, И.Я. Пантелеев, Т.И.Пантелеева, А.Н.Огильви, Т.К.Федорова; Отв. ред. А.В.Щербаков*. – М.: Наука,, 1978. – 208 с.	Cu, Hg, Pb, Zn
Прохоров В.М. Миграция радиоактивных загрязнений в почвах. Физико-химические механизмы и моделирование / Под ред. *Р.М. Алексахина*. – М.: Энергоиздат, 1981. – 98 с.	Ce, Cs, Sr

Пузанов А.В., Бабошкина С.В. Мышьяк в системе почвы–природные воды–растения Алтая // Почвоведение. – 2009. – №9. – С. 1073–1082.	As
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Путилина В.С., Галицкая И.В., Юганова Т.И. Поведение мышьяка в почвах, горных породах и подземных водах. Трансформация, адсорбция/десорбция, миграция: Аналит. обзор / ГПНТБ СО РАН; ИГЭ РАН. – Новосибирск: ГПНТБ СО РАН, 2011. – 249 с. – (Сер. Экология. Вып. 97).	As
Путилина В.С., Галицкая И.В., Юганова Т.И. Сорбционные процессы при загрязнении подземных вод тяжелыми металлами и радиоактивными элементами. Кадмий: Аналит. обзор. – Новосибирск: ГПНТБ СО РАН, 2012. – 110 с. – Библиогр.: С. 4–5, 97–107 (184 назв.). – (Сер. Экология; Вып. 99).	Cd
Путилина В.С., Галицкая И.В., Юганова Т.И. Сорбционные процессы при загрязнении подземных вод тяжелыми металлами и радиоактивными элементами. Медь: Аналит. обзор. – Новосибирск: ГПНТБ СО РАН, 2013. – 95 с. – Библиогр.: С. 4–5, 82–92 (187 назв.). – (Сер. Экология; Вып. 100).	Cu
Путилина В.С., Галицкая И.В., Юганова Т.И. Сорбционные процессы при загрязнении подземных вод тяжелыми металлами и радиоактивными элементами. Стронций: Аналит. обзор. – Новосибирск: ГПНТБ СО РАН, 2013. – 95 с. – Библиогр.: С. 5–6, 87–92 (105 назв.). – (Сер. Экология; Вып. 101).	Sr
Путилина В.С., Галицкая И.В., Юганова Т.И. Сорбционные процессы при загрязнении подземных вод тяжелыми металлами и радиоактивными элементами. Цинк: Аналит. обзор. – Новосибирск: ГПНТБ СО РАН, 2014. – 99 с. – Библиогр.: С. 4–5, 88–97 (176 назв.). – (Сер. Экология; Вып. 102).	Zn
Путилина В.С., Галицкая И.В., Юганова Т.И. Сорбционные процессы при загрязнении подземных вод тяжелыми металлами и радиоактивными элементами. Уран: Аналит. обзор. – Новосибирск: ГПНТБ СО РАН, 2014. – 127 с. – Библиогр.: С. 103–124 (330 назв.). – (Сер. Экология; Вып. 103).	U
Путилина В.С., Галицкая И.В., Юганова Т.И. Сорбционные процессы при загрязнении подземных вод тяжелыми металлами и радиоактивными элементами. Свинец: Аналит. обзор. – Новосибирск: ГПНТБ СО РАН, в печати.	Pb

Пучков В.Н., Салихов Д.Н, Абдрахманов Р.Ф., Беликова Г.И., Ахметов Р.М., Захаров О.А., Ковтуненко С.В. Сульфидсодержащие отвалы и хвостохранилища – опасные техногенные загрязнители окружающей среды горнорудных районов Башкортостана // Геоэкология. – 2007. – №3. – С. 238–247.	As, Ba, Bi, Ce, Cd, Co, Cu, Er, Ga, Gd, Ho, In, La, Lu, Mo, Nd, Ni, Pb, Pr, Rb, Se, Sn, Sr, Tb, Te, Tm, Zn
Рогова О.Б. Медь и цинк в почвах зоны влияния Череповецкого комбината в связи с содержанием в них техногенных оксидов железа: Автореф. дисс. канд. биол. наук. – М., 2010. – 132 с.	Cu, Zn
Родькина И.А., Самарин Е.Н., Ларионова Н.А. Влияние состава аутигенных пленок на сорбцию свинца в песках // Геоэкология. – 2009. – № 3. – С. 248–257.	Pb
Романчук А.Ю., Калмыков СН., Новиков А.П., Захарова Е.В. Закономерности сорбционного поведения ионов актинидов на минеральных коллоидных частицах // Российский химический журнал (Журнал Российского химического общества им. Д.И. Менделеева). – 2010. – Т. 54, №3. – С. 120–128.	Pu
Рыженко Б.Н., Черкасова Е.В., Лиманцева О.А. Модель формирования загрязнения подземных вод мышьяком. 2. Влияние сорбции // Геохимия. – 2009. – №10. – С. 1041–1049.	As
Рыженко Б.Н. Технология прогноза качества подземных вод. 1. Eh–pH диаграммы и коэффициенты задержки при сорбции молибдена и вольфрама из водных растворов // Геохимия. – 2010. – №4. – С. 434–441.	Mo, W
Рыженко Б.Н., Черкасова Е.В., Лиманцева О.А. Модель формирования загрязнения подземных вод мышьяком. 3. Причины загрязнения // Геохимия. – 2010. – №7. – С. 773–778.	As
Савенко А.В. Сорбция UO_2^{2+} на карбонате кальция // Радиохимия. – 2001. – Т. 43, №2. – С. 174–177.	U
Сагатова Д.Р., Шапиро К.Я., Колчин О.П., Каров З.Г. Спектрофотометрическое исследование комплексообразования между молибдат- и оксалат-ионами // Химия и технология молибдена и вольфрама: Межвуз. сб. / Кабардино-Балкарский гос. Университет. – Нальчик, 1983. – С. 121–128.	Mo

Смоляков Б.С., Рыжих А.П., Кобзистая Н.Ю., Бадмаева Ж.О. Влияние pH, гумата и гербицида на распределение Cu, Pb и Cd между водной фазой и взвешенными частицами в загрязненных пресных водоемах // Химия в интересах устойчивого развития. – 2008. – Т. 16, №2. – С. 217–221.	Cu, Pb, Cd
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