C T Miller

List of Publications by Year
in descending order

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160	8,003	41344	56724
papers	citations	49	83
		h-index	g-index

163	163	163	4336
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A continuum mechanical framework for modeling tumor growth and treatment in two- and three-phase systems. Archive of Applied Mechanics, 2022, 92, 461-489.	2.2	6
2	Molecular methods for assessing the morphology, topology, and performance of polyamide membranes. Journal of Membrane Science, 2022, 644, 120110.	8.2	11
3	A physically-based entropy production rate method to simulate sharp-front transport problems in porous medium systems. Computational Geosciences, 2021, 25, 1047-1061.	2.4	0
4	Generalized Newtonian fluid flow in porous media. Physical Review Fluids, 2021, 6, .	2.5	4
5	Microscale modeling of nondilute flow and transport in porous medium systems. Physical Review E, 2020, 102, 033104.	2.1	3
6	Characterization of the Pore Structure of Porous Media Using nonâ€Newtonian Fluids. Water Resources Research, 2019, 55, 7182-7195.	4.2	7
7	Nonhysteretic Capillary Pressure in Twoâ€Fluid Porous Medium Systems: Definition, Evaluation, Validation, and Dynamics. Water Resources Research, 2019, 55, 6825-6849.	4.2	24
8	Modelling sediment transport in three-phase surface water systems. Journal of Hydraulic Research/De Recherches Hydrauliques, 2019, 57, 439-463.	1.7	7
9	Toward a New Generation of Two-Fluid Flow Models Based on the Thermodynamically-Constrained Averaging Theory. Water (Switzerland), 2019, 11, 2260.	2.7	4
10	A Priori Parameter Estimation for the Thermodynamically Constrained Averaging Theory: Species Transport in a Saturated Porous Medium. Transport in Porous Media, 2018, 122, 611-632.	2.6	9
11	Homogenization of one-dimensional draining through heterogeneous porous media including higher-order approximations. Physica D: Nonlinear Phenomena, 2018, 365, 42-56.	2.8	1
12	Thermodynamically Constrained Averaging Theory: Principles, Model Hierarchies, and Deviation Kinetic Energy Extensions. Entropy, 2018, 20, 253.	2.2	5
13	Modeling Nondilute Species Transport Using the Thermodynamically Constrained Averaging Theory. Water Resources Research, 2018, 54, 6656-6682.	4.2	9
14	Geometric state function for two-fluid flow in porous media. Physical Review Fluids, 2018, 3, .	2.5	87
15	A Pedagogical Approach to the Thermodynamically Constrained Averaging Theory. Transport in Porous Media, 2017, 119, 585-609.	2.6	8
16	On the consistency of scale among experiments, theory, and simulation. Hydrology and Earth System Sciences, 2017, 21, 1063-1076.	4.9	5
17	Tracking interface and common curve dynamics for two-fluid flow in porous media. Journal of Fluid Mechanics, 2016, 796, 211-232.	3.4	25
18	Influence of phase connectivity on the relationship among capillary pressure, fluid saturation, and interfacial area in two-fluid-phase porous medium systems. Physical Review E, 2016, 94, 033102.	2.1	44

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19	Type 2 Diabetes Self-management Among Spanish-Speaking Hispanic Immigrants. Journal of Immigrant and Minority Health, 2016, 18, 1392-1403.	1.6	13
20	An adaptive lattice Boltzmann scheme for modeling twoâ€fluidâ€phase flow in porous medium systems. Water Resources Research, 2016, 52, 2601-2617.	4.2	9
21	On the dynamics and kinematics of twoâ€fluidâ€phase flow in porous media. Water Resources Research, 2015, 51, 5365-5381.	4.2	46
22	Modeling two-fluid-phase flow and species transport in porous media. Journal of Hydrology, 2015, 521, 565-581.	5.4	19
23	A comparison of physicochemical methods for the remediation of porous medium systems contaminated with tar. Journal of Contaminant Hydrology, 2014, 167, 44-60.	3.3	10
24	A novel heterogeneous algorithm to simulate multiphase flow in porous media on multicore CPUâ€“GPU systems. Computer Physics Communications, 2014, 185, 1865-1874.	7.5	63
25	Petascale Application of a Coupled CPU-GPU Algorithm for Simulation and Analysis of Multiphase Flow Solutions in Porous Medium Systems. , 2014, , .		10
26	Response to comment on â€œAveraging theory for description of environmental problems: What have we learned?â€. Advances in Water Resources, 2013, 52, 331-333.	3.8	7
27	A generalization of averaging theorems for porous medium analysis. Advances in Water Resources, 2013, 62, 227-237.	3.8	27
28	Description of non-Darcy flows in porous medium systems. Physical Review E, 2013, 87, .	2.1	15
29	A multiphase model for three-dimensional tumor growth. New Journal of Physics, 2013, 15, 015005.	2.9	124
30	Averaging theory for description of environmental problems: What have we learned?. Advances in Water Resources, 2013, 51, 123-138.	3.8	72
31	Numerical simulation of water resources problems: Models, methods, and trends. Advances in Water Resources, 2013, 51, 405-437.	3.8	73
32	Two-phase flow modeling of the influence of wave shapes and bed slope on nearshore hydrodynamics. Journal of Coastal Research, 2013, 65, 159-164.	0.3	5
33	Compositional and pH Effects on the Interfacial Tension Between Complex Tar Mixtures and Aqueous Solutions. Environmental Science & Technology, 2012, 46, 10214-10221.	10.0	3
34	Mobilization of Manufactured Gas Plant Tar with Alkaline Flushing Solutions. Environmental Science & Technology, 2012, 46, 426-433.	10.0	12
35	Effects of model resolution on optimal design of subsurface flow and transport problems. Advances in Water Resources, 2012, 38, 27-37.	3.8	7
36	Thermodynamically constrained averaging theory approach for modeling flow and transport phenomena in porous medium systems: 9. Transition region models. Advances in Water Resources, 2012, 42, 71-90.	3.8	33

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37	Influence of porous media heterogeneity on nonaqueous phase liquid dissolution fingering and upscaled mass transfer. Water Resources Research, 2012, 48, .	4.2	24
38	Recovery of Phenanthrene-Degrading Bacteria after Simulated in Situ Persulfate Oxidation in Contaminated Soil. Environmental Science & Technology, 2011, 45, 719-725.	10.0	66
39	Adaptive split-operator methods for modeling transport phenomena in porous medium systems. Advances in Water Resources, 2011, 34, 1268-1282.	3.8	18
40	Cosolvent flushing for the remediation of PAHs from former manufactured gas plants. Journal of Contaminant Hydrology, 2011, 126, 72-84.	3.3	8
41	TCAT analysis of capillary pressure in non-equilibrium, two-fluid-phase, porous medium systems. Advances in Water Resources, 2011, 34, 770-778.	3.8	42
42	Thermodynamically constrained averaging theory approach for modeling flow and transport phenomena in porous medium systems: 8. Interface and common curve dynamics. Advances in Water Resources, 2010, 33, 1427-1443.	3.8	24
43	Beyond Anisotropy: Examining Non-Darcy Flow in Asymmetric Porous Media. Transport in Porous Media, 2010, 84, 535-548.	2.6	13
44	Dense, viscous brine behavior in heterogeneous porous medium systems. Journal of Contaminant Hydrology, 2010, 115, 46-63.	3.3	5
45	An evaluation of solution algorithms and numerical approximation methods for modeling an ion exchange process. Journal of Computational Physics, 2010, 229, 4996-5010.	3.8	2
46	A sharp-interface interpretation of a continuous density model for homogenization of gravity-driven flow in porous media. Physica D: Nonlinear Phenomena, 2010, 239, 1855-1866.	2.8	6
47	A comparison of two physics-based numerical models for simulating surface waterâ€“groundwater interactions. Advances in Water Resources, 2010, 33, 456-467.	3.8	108
48	Effectiveness of Source-Zone Remediation of DNAPL-Contaminated Subsurface Systems. Journal of Environmental Engineering, ASCE, 2010, 136, 452-465.	1.4	4
49	Advances in Modeling Completely Mixed Flow Reactors for Ion Exchange. Journal of Environmental Engineering, ASCE, 2010, 136, 1128-1138.	1.4	12
50	10.1029/90WR01694. Water Resources Research, 2010, , .	4.2	18
51	Thermodynamically Constrained Averaging Theory Approach for Heat Transport in Single-Fluid-Phase Porous Medium Systems. Journal of Heat Transfer, 2009, 131, .	2.1	11
52	Dense non-aqueous phase liquids at former manufactured gas plants: Challenges to modeling and remediation. Journal of Contaminant Hydrology, 2009, 105, 81-98.	3.3	53
53	Thermodynamically constrained averaging theory approach for modeling flow and transport phenomena in porous medium systems: 5. Single-fluid-phase transport. Advances in Water Resources, 2009, 32, 681-711.	3.8	53
54	Thermodynamically constrained averaging theory approach for modeling flow and transport phenomena in porous medium systems: 6. Two-fluid-phase flow. Advances in Water Resources, 2009, 32, 779-795.	3.8	59

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55	Thermodynamically constrained averaging theory approach for modeling flow and transport phenomena in porous medium systems: 7. Single-phase megascale flow models. Advances in Water Resources, 2009, 32, 1121-1142.	3.8	20
56	Thermodynamically constrained averaging theory approach for modeling flow and transport phenomena in porous medium systems: 4. Species transport fundamentals. Advances in Water Resources, 2008, 31, 577-597.	3.8	35
57	Comparison of derivative-free optimization methods for groundwater supply and hydraulic capture community problems. Advances in Water Resources, 2008, 31, 743-757.	3.8	81
58	The influence of wettability on NAPL dissolution fingering. Advances in Water Resources, 2008, 31, 1687-1696.	3.8	25
59	Mathematical description of the uptake of hydrocarbons in jet fuel into the stratum corneum of human volunteers. Toxicology Letters, 2008, 178, 146-151.	0.8	5
60	Modeling the removal of dissolved organic carbon by ion exchange in a completely mixed flow reactor. Water Research, 2008, 42, 1897-1906.	11.3	23
61	Hydrogeological Research, Education, and Practice: A Path to Future Contributions. Journal of Hydrologic Engineering - ASCE, 2008, 13, 7-12.	1.9	13
62	Consistent thermodynamic formulations for multiscale hydrologic systems: Fluid pressures. Water Resources Research, 2007, 43, .	4.2	15
63	Pore-scale simulation of entrapped non-aqueous phase liquid dissolution. Advances in Water Resources, 2007, 30, 623-640.	3.8	21
64	An analysis of polynomial chaos approximations for modeling single-fluid-phase flow in porous medium systems. Journal of Computational Physics, 2007, 226, 2175-2205.	3.8	31
65	Local discontinuous Galerkin approximations to Richardsâ€™ equation. Advances in Water Resources, 2007, 30, 555-575.	3.8	35
66	Approximation of interfacial properties in multiphase porous medium systems. Advances in Water Resources, 2007, 30, 354-365.	3.8	19
67	Adaptive local discontinuous Galerkin approximation to Richardsâ€™ equation. Advances in Water Resources, 2007, 30, 1883-1901.	3.8	30
68	A spatially and temporally adaptive solution of Richardsâ€™ equation. Advances in Water Resources, 2006, 29, 525-545.	3.8	82
69	An ELLAM approximation for advectiveâ€“dispersive transport with nonlinear sorption. Advances in Water Resources, 2006, 29, 657-675.	3.8	15
70	Thermodynamically constrained averaging theory approach for modeling flow and transport phenomena in porous medium systems: 3. Single-fluid-phase flow. Advances in Water Resources, 2006, 29, 1745-1765.	3.8	42
71	An evaluation of lattice Boltzmann schemes for porous medium flow simulation. Computers and Fluids, 2006, 35, 898-909.	2.5	617
72	Thermodynamically constrained averaging theory approach for modeling flow and transport phenomena in porous medium systems: 1. Motivation and overview. Advances in Water Resources, 2005, 28, 161-180.	3.8	131

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73	Thermodynamically constrained averaging theory approach for modeling flow and transport phenomena in porous medium systems: 2. Foundation. Advances in Water Resources, 2005, 28, 181-202.	3.8	62
74	Pore-scale investigation of viscous coupling effects for two-phase flow in porous media. Physical Review E, 2005, 72, 026705.	2.1	177
75	Bacterial Regrowth Model for Water Distribution Systems Incorporating Alternating Split-Operator Solution Technique. Journal of Environmental Engineering, ASCE, 2004, 130, 932-941.	1.4	31
76	Solution of a Well-Field Design Problem with Implicit Filtering. Optimization and Engineering, 2004, 5, 207-234.	2.4	22
77	A high-performance lattice Boltzmann implementation to model flow in porous media. Computer Physics Communications, 2004, 158, 89-105.	7.5	97
78	Efficient, Near-Complete Removal of DNAPL from Three-Dimensional, Heterogeneous Porous Media Using a Novel Combination of Treatment Technologies. Environmental Science & Technology, 2004, 38, 5149-5156.	10.0	26
79	Lattice-Boltzmann simulation of two-phase flow in porous media. Water Resources Research, 2004, 40, .	4.2	329
80	Examination of Darcy's Law for Flow in Porous Media with Variable Porosityâ€. Environmental Science & Technology, 2004, 38, 5895-5901.	10.0	50
81	On gravity currents in heterogeneous porous media. Developments in Water Science, 2004, 55, 303-312.	0.1	1
82	Scholarly Journal Publication: Conflicting Agendas for Scholars, Publishers, and Institutions. Journal of Scholarly Publishing, 2004, 35, 73-91.	0.6	6
83	Versatile Two-Level Schwarz Preconditioners for Multiphase Flow. Computational Geosciences, 2003, 7, 91-114.	2.4	8
84	Calibration of a Pore-Network Model by a Pore-Morphological Analysis. Transport in Porous Media, 2003, 51, 267-285.	2.6	44
85	A BME solution of the inverse problem for saturated groundwater flow. Stochastic Environmental Research and Risk Assessment, 2003, 17, 354-369.	4.0	28
86	Convergence of iterative split-operator approaches for approximating nonlinear reactive transport problems. Advances in Water Resources, 2003, 26, 247-261.	3.8	86
87	Mixed finite element methods and higher order temporal approximations for variably saturated groundwater flow. Advances in Water Resources, 2003, 26, 373-394.	3.8	53
88	Efficient steady-state solution techniques for variably saturated groundwater flow. Advances in Water Resources, 2003, 26, 833-849.	3.8	36
89	Modeling NAPL dissolution fingering with upscaled mass transfer rate coefficients. Advances in Water Resources, 2003, 26, 1097-1111.	3.8	25
90	Comparison of fully coupled approaches for approximating nonlinear transport and reaction problems. Advances in Water Resources, 2003, 26, 353-372.	3.8	26

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91	The averaging of gravity currents in porous media. Physics of Fluids, 2003, 15, 2810.	4.0	18
92	EVALUATION OF PATH-LENGTH ESTIMATORS FOR CHARACTERIZING MULTIPHASE SYSTEMS USING POLYENERGETIC X-RAY ABSORPTIOMETRY. Soil Science, 2002, 167, 703-719.	0.9	8
93	Evolving interface between clean and nonaqueous phase liquid (NAPL)-contaminated regions in two-dimensional porous media. Water Resources Research, 2002, 38, 29-1-29-14.	4.2	23
94	Computational Bayesian maximum entropy solution of a stochastic advection-reaction equation in the light of site-specific information. Water Resources Research, 2002, 38, 54-1-54-17.	4.2	48
95	Computation of the interfacial area for two-fluid porous medium systems. Journal of Contaminant Hydrology, 2002, 56, 25-48.	3.3	106
96	Quantitative analysis of experiments on bacterial chemotaxis to naphthalene. Biotechnology and Bioengineering, 2002, 78, 626-634.	3.3	55
97	Mixed finite element methods and higher-order temporal approximations. Advances in Water Resources, 2002, 25, 85-101.	3.8	29
98	Modelling the fate of oxidisable organic contaminants in groundwater. Advances in Water Resources, 2002, 25, 945-983.	3.8	157
99	Optimal design for problems involving flow and transport phenomena in saturated subsurface systems. Advances in Water Resources, 2002, 25, 1233-1256.	3.8	106
100	Hydrogeological Research: Just Getting Started. Ground Water, 2002, 40, 224-231.	1.3	32
101	Higher order time integration methods for two-phase flow. Advances in Water Resources, 2002, 25, 159-177.	3.8	55
102	Solution of a Groundwater Control Problem with Implicit Filtering. Optimization and Engineering, 2002, 3, 189-199.	2.4	12
103	An Aggregation-Based Domain Decomposition Preconditioner for Groundwater Flow. SIAM Journal of Scientific Computing, 2001, 23, 430-441.	2.8	35
104	Remediation of DNAPL Pools Using Dense Brine Barrier Strategies. Environmental Science & Technology, 2001, 35, 3031-3039.	10.0	30
105	Pore-morphology-based simulation of drainage in totally wetting porous media. Advances in Water Resources, 2001, 24, 243-255.	3.8	289
106	Pore-scale modeling of saturated permeabilities in random sphere packings. Physical Review E, 2001, 64, 066702.	2.1	121
107	A comparison of high-resolution, finite-volume, adaptiveâ€“stencil schemes for simulating advectiveâ€“dispersive transport. Advances in Water Resources, 2000, 24, 29-48.	3.8	29
108	Investigation of the residualâ€“funicular nonwetting-phase-saturation relation. Advances in Water Resources, 2000, 24, 157-177.	3.8	40

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109	Mass transfer rate limitation effects on partitioning tracer tests. Journal of Contaminant Hydrology, 2000, 45, 79-97.	3.3	24
110	Comment on â€œDynamics of wetting fronts in porous mediaâ€• Physical Review E, 2000, 61, 2150-2151.	2.1	3
111	Remediation of DNAPL-Contaminated Subsurface Systems Using Density-Motivated Mobilization. Environmental Science & Technology, 2000, 34, 719-724.	10.0	53
112	Transformation approaches for simulating flow in variably saturated porous media. Water Resources Research, 2000, 36, 923-934.	4.2	39
113	C++ implementations of numerical methods for solving differential-algebraic equations. ACM Transactions on Mathematical Software, 1999, 25, 377-403.	2.9	22
114	An evaluation of temporally adaptive transformation approaches for solving Richards' equation. Advances in Water Resources, 1999, 22, 831-840.	3.8	46
115	Experimental Investigation on the Resonance of a Liquid Column in a Capillary Tube. Journal of Colloid and Interface Science, 1999, 219, 62-68.	9.4	14
116	Factors Affecting Bank Formation during Surfactant-Enhanced Mobilization of Residual NAPL. Environmental Science & Technology, 1999, 33, 2440-2446.	10.0	25
117	Multiphase flow and transport modeling in heterogeneous porous media: challenges and approaches. Advances in Water Resources, 1998, 21, 77-120.	3.8	263
118	Termination of Newton/Chord Iterations and the Method of Lines. SIAM Journal of Scientific Computing, 1998, 19, 280-290.	2.8	16
119	Complete Dissolution of Trichloroethylene in Saturated Porous Media. Environmental Science & Technology, 1998, 32, 2417-2424.	10.0	33
120	Robust solution of Richards' equation for nonuniform porous media. Water Resources Research, 1998, 34, 2599-2610.	4.2	116
121	TEMPORAL DISTRIBUTION OF 14C IN SOIL WATER FROM FIELD LYSIMETERS TREATED WITH 14C-METOLACHLOR. Soil Science, 1998, 163, 872-882.	0.9	5
122	Evaluation of Thermal Effects on the Dissolution of a Nonaqueous Phase Liquid in Porous Media. Environmental Science & Technology, 1997, 31, 1615-1622.	10.0	61
123	Analysis of split operator methods for nonlinear and multispecies groundwater chemical transport models. Mathematics and Computers in Simulation, 1997, 43, 331-341.	4.4	45
124	Accurate and economical solution of the pressure-head form of Richards' equation by the method of lines. Advances in Water Resources, 1997, 20, 1-14.	3.8	137
125	The influence of mass transfer characteristics and porous media heterogeneity on nonaqueous phase dissolution. Water Resources Research, 1996, 32, 1551-1567.	4.2	124
126	Dissolution Fingering During the Solubilization of Nonaqueous Phase Liquids in Saturated Porous Media: 2. Experimental Observations. Water Resources Research, 1996, 32, 1929-1942.	4.2	90

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127	Dissolution Fingering During the Solubilization of Nonaqueous Phase Liquids in Saturated Porous Media: 1. Model Predictions. Water Resources Research, 1996, 32, 1919-1928.	4.2	73
128	Comment on â€œA Distributed Reactivity Model for Sorption by Soils and Sediments. 4. Intraparticle Heterogeneity and Phase-Distribution Relationships under Nonequilibrium Conditionsâ€• Environmental Science & Technology, 1996, 30, 3128-3129.	10.0	8
129	Surfactant-Enhanced Dissolution of Phenanthrene into Water for Laminar Flow Conditions. Environmental Science & Technology, 1996, 30, 2967-2974.	10.0	26
130	Physicochemical Transport Processes Affecting the Removal of Residual DNAPL by Nonionic Surfactant Solutions. Environmental Science & Technology, 1996, 30, 1852-1860.	10.0	68
131	Temporal discretisation errors in non-iterative split-operator approaches to solving chemical reaction/groundwater transport models. Journal of Contaminant Hydrology, 1996, 22, 1-17.	3.3	66
132	Alternative split-operator approach for solving chemical reaction/groundwater transport models. Advances in Water Resources, 1996, 19, 261-275.	3.8	47
133	Simulation of correlated and uncorrelated packing of random size spheres. Physical Review E, 1996, 53, 1516-1524.	2.1	90
134	Development of a correlation for aqueous-vapor phase mass transfer in porous media. Journal of Contaminant Hydrology, 1995, 18, 85-106.	3.3	26
135	Heterogeneous Sorption Processes in Subsurface Systems. 2. Diffusion Modeling Approaches. Environmental Science & Technology, 1995, 29, 1766-1772.	10.0	58
136	Cosolvent-Enhanced Remediation of Residual Dense Nonaqueous Phase Liquids: Experimental Investigation. Environmental Science & Technology, 1995, 29, 1966-1976.	10.0	120
137	Pore-Scale Modeling of Nonwetting-Phase Residual in Porous Media. Water Resources Research, 1995, 31, 455-473.	4.2	98
138	Stochastic Diagrammatic Analysis of Groundwater Flow in Heterogeneous Porous Media. Water Resources Research, 1995, 31, 1687-1703.	4.2	33
139	Implicit Filtering and Optimal Design Problems. , 1995, , 159-176.		7
140	Two-dimensional modeling of aquifer remediation influenced by sorption nonequilibrium and hydraulic conductivity heterogeneity. Water Resources Research, 1994, 30, 1457-1470.	4.2	61
141	Heterogeneous sorption processes in subsurface systems. 1. Model formulations and applications.. Environmental Science & Technology, 1994, 28, 2094-2104.	10.0	110
142	Cleopatraâ€™s Nose and the Diagrammatic Approach to Flow Modelling in Random Porous Media. Quantitative Geology and Geostatistics, 1994, , 341-358.	0.1	2
143	An experimental investigation of pore-scale distributions of nonaqueous phase liquids at residual saturation. Transport in Porous Media, 1993, 10, 57-80.	2.6	62
144	The development of stochastic space transformation and diagrammatic perturbation techniques in subsurface hydrology. Stochastic Hydrology & Hydraulics, 1993, 7, 14-32.	0.5	11

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145	Stochastic perturbation analysis of groundwater flow. Spatially variable soils, semi-infinite domains and large fluctuations. Stochastic Hydrology & Hydraulics, 1993, 7, 213-239.	0.5	22
146	Development of split-operator, Petrov-Galerkin Methods to simulate transport and diffusion problems. Water Resources Research, 1993, 29, 2227-2240.	4.2	53
147	A quadratic Petrov-Galerkin Solution for kinematic wave overland flow. Water Resources Research, 1993, 29, 2615-2627.	4.2	22
148	Use of a reactive surface-diffusion model to describe apparent sorption-desorption hysteresis and abiotic degradation of lindane in a subsurface material. Environmental Science & Technology, 1992, 26, 1417-1427.	10.0	102
149	Modeling long-term solute transport in drained unsaturated zones. Water Resources Research, 1992, 28, 2799-2809.	4.2	16
150	The influence of porous medium characteristics and measurement scale on pore-scale distributions of residual nonaqueous-phase liquids. Journal of Contaminant Hydrology, 1992, 11, 189-213.	3.3	115
151	DISCRETE VORTEX METHODS FOR THE SIMULATION OF BOUNDARY LAYER SEPARATION EFFECTS ON WORKER EXPOSURE. Annals of Occupational Hygiene, 1991, 35, 35-50.	1.9	9
152	Dissolution of Trapped Nonaqueous Phase Liquids: Mass Transfer Characteristics. Water Resources Research, 1990, 26, 2783-2796.	4.2	483
153	The Boundary Integral Equation Method (BIEM) Local Exhaust Hood Flow Fields. AIHA Journal, 1989, 50, 281-288.	0.4	15
154	Evaluation of a Carbon Adsorption Method for Sampling Gasoline Vapors in the Subsurface. Ground Water Monitoring and Remediation, 1988, 8, 85-92.	0.8	4
155	Modeling the sorption of hydrophobic contaminants by aquifer materialsâ€"I. Rates and equilibria. Water Research, 1988, 22, 457-464.	11.3	77
156	Modeling the sorption of hydrophobic contaminants by aquifer materialsâ€"II. Column reactor systems. Water Research, 1988, 22, 465-474.	11.3	41
157	COMPARISON OF MODELS FOR FLOW THROUGH FLANGED AND PLAIN CIRCULAR HOODS. Annals of Occupational Hygiene, 1988, , .	1.9	8
158	Modeling Organic Contaminant Partitioning in Ground-Water Systems. Ground Water, 1984, 22, 584-592.	1.3	39
159	Rapid Solution of the Nonlinear Step-Drawdown Equation. Ground Water, 1983, 21, 584-588.	1.3	11
160	Organic Chemical Movement over and through Soil. SSSA Special Publication Series, 0, , 305-334.	0.2	25