

Xiaoyi Liu

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

777
citations

759233

12
h-index

1058476

14
g-index

14
all docs

14
docs citations

14
times ranked

445
citing authors

#	ARTICLE	IF	CITATIONS
1	Hydraulic tomography in fractured granite: Mizunami Underground Research site, Japan. <i>Water Resources Research</i> , 2009, 45, .	4.2	182
2	Laboratory sandbox validation of transient hydraulic tomography. <i>Water Resources Research</i> , 2007, 43, .	4.2	137
3	Steady-state hydraulic tomography in a laboratory aquifer with deterministic heterogeneity: Multi-method and multiscale validation of hydraulic conductivity tomograms. <i>Journal of Hydrology</i> , 2007, 341, 222-234.	5.4	115
4	Practical Issues in Imaging Hydraulic Conductivity through Hydraulic Tomography. <i>Ground Water</i> , 2008, 46, 120-132.	1.3	84
5	Large-scale inverse modeling with an application in hydraulic tomography. <i>Water Resources Research</i> , 2011, 47, .	4.2	62
6	Hydraulic/Partitioning Tracer Tomography for DNAPL Source Zone Characterization: Small-Scale Sandbox Experiments. <i>Environmental Science & Technology</i> , 2010, 44, 8609-8614.	10.0	54
7	Parameter estimation in nonlinear environmental problems. <i>Stochastic Environmental Research and Risk Assessment</i> , 2010, 24, 1003-1022.	4.0	33
8	Geostatistical reduced-order models in underdetermined inverse problems. <i>Water Resources Research</i> , 2013, 49, 6587-6600.	4.2	29
9	Cost optimization of DNAPL source and plume remediation under uncertainty using a semi-analytic model. <i>Journal of Contaminant Hydrology</i> , 2010, 113, 25-43.	3.3	22
10	Value of Information as a Context-Specific Measure of Uncertainty in Groundwater Remediation. <i>Water Resources Management</i> , 2012, 26, 1513-1535.	3.9	19
11	Stochastic Cost Optimization of Multistrategy DNAPL Site Remediation. <i>Ground Water Monitoring and Remediation</i> , 2010, 30, 65-78.	0.8	14
12	Fast iterative implementation of large-scale nonlinear geostatistical inverse modeling. <i>Water Resources Research</i> , 2014, 50, 198-207.	4.2	13
13	Stochastic cost optimization of DNAPL remediation – Method description and sensitivity study. <i>Environmental Modelling and Software</i> , 2012, 38, 74-88.	4.5	9
14	Cost Optimization of DNAPL Remediation at Dover Air Force Base Site. <i>Ground Water Monitoring and Remediation</i> , 2012, 32, 48-56.	0.8	4