

Beth L Parker

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

160
papers

3,547
citations

33
h-index

51
g-index

167
ext. papers

4,119
ext. citations

4.8
avg, IF

5.55
L-index

#	Paper	IF	Citations
160	Plume persistence due to aquitard back diffusion following dense nonaqueous phase liquid source removal or isolation. <i>Water Resources Research</i> , 2005 , 41,	5.4	177
159	Diffusive Disappearance of Immiscible-Phase Organic Liquids in Fractured Geologic Media. <i>Ground Water</i> , 1994 , 32, 805-820	2.4	160
158	Plume persistence caused by back diffusion from thin clay layers in a sand aquifer following TCE source-zone hydraulic isolation. <i>Journal of Contaminant Hydrology</i> , 2008 , 102, 86-104	3.9	142
157	Effect of source variability and transport processes on carbon isotope ratios of TCE and PCE in two sandy aquifers. <i>Journal of Contaminant Hydrology</i> , 2004 , 74, 265-82	3.9	96
156	Human enteric viruses in groundwater from a confined bedrock aquifer. <i>Environmental Science & Technology</i> , 2007 , 41, 6606-12	10.3	88
155	Mass and flux distributions from DNAPL zones in sandy aquifers. <i>Ground Water</i> , 2005 , 43, 70-86	2.4	86
154	Field study of TCE diffusion profiles below DNAPL to assess aquitard integrity. <i>Journal of Contaminant Hydrology</i> , 2004 , 74, 197-230	3.9	85
153	Mobility and persistence of methane in groundwater in a controlled-release field experiment. <i>Nature Geoscience</i> , 2017 , 10, 289-294	18.3	76
152	Field-scale evaluation of the passive flux meter for simultaneous measurement of groundwater and contaminant fluxes. <i>Environmental Science & Technology</i> , 2005 , 39, 7194-201	10.3	76
151	Evaluating the fate of chlorinated ethenes in streambed sediments by combining stable isotope, geochemical and microbial methods. <i>Journal of Contaminant Hydrology</i> , 2009 , 107, 10-21	3.9	65
150	Review and Analysis of Chlorinated Solvent Dense Nonaqueous Phase Liquid Distributions in Five Sandy Aquifers. <i>Vadose Zone Journal</i> , 2003 , 2, 116-137	2.7	65
149	A New Depth-Discrete Multilevel Monitoring Approach for Fractured Rock. <i>Ground Water Monitoring and Remediation</i> , 2007 , 27, 57-70	1.4	64
148	Monitoring oxidation of chlorinated ethenes by permanganate in groundwater using stable isotopes: laboratory and field studies. <i>Environmental Science & Technology</i> , 2003 , 37, 798-804	10.3	62
147	Testing high resolution numerical models for analysis of contaminant storage and release from low permeability zones. <i>Journal of Contaminant Hydrology</i> , 2012 , 136-137, 106-16	3.9	58
146	Groundwater-surface water interaction and its role on TCE groundwater plume attenuation. <i>Journal of Contaminant Hydrology</i> , 2007 , 91, 203-32	3.9	58
145	Quantification of non-Darcian flow observed during packer testing in fractured sedimentary rock. <i>Water Resources Research</i> , 2011 , 47,	5.4	57
144	Diffusive Loss of Non-Aqueous Phase Organic Solvents from Idealized Fracture Networks in Geologic Media. <i>Ground Water</i> , 1997 , 35, 1077-1088	2.4	56

143	Vertical cross contamination of trichloroethylene in a borehole in fractured sandstone. <i>Ground Water</i> , 2005 , 43, 557-73	2.4	55
142	Using constant head step tests to determine hydraulic apertures in fractured rock. <i>Journal of Contaminant Hydrology</i> , 2011 , 126, 85-99	3.9	54
141	Using earth-tide induced water pressure changes to measure in situ permeability: A comparison with long-term pumping tests. <i>Water Resources Research</i> , 2016 , 52, 3113-3126	5.4	53
140	Geochemical reactions resulting from in situ oxidation of PCE-DNAPL by KMnO ₄ in a sandy aquifer. <i>Environmental Science & Technology</i> , 2001 , 35, 1266-75	10.3	53
139	Improved resolution of ambient flow through fractured rock with temperature logs. <i>Ground Water</i> , 2010 , 48, 191-205	2.4	49
138	Three-dimensional density-dependent flow and multicomponent reactive transport modeling of chlorinated solvent oxidation by potassium permanganate. <i>Journal of Contaminant Hydrology</i> , 2009 , 106, 195-211	3.9	48
137	Groundwater flow characterization in a fractured bedrock aquifer using active DTS tests in sealed boreholes. <i>Journal of Hydrology</i> , 2015 , 528, 449-462	6	44
136	Enhanced detection of hydraulically active fractures by temperature profiling in lined heated bedrock boreholes. <i>Journal of Hydrology</i> , 2013 , 484, 1-15	6	43
135	Detailed hydraulic head profiles as essential data for defining hydrogeologic units in layered fractured sedimentary rock. <i>Environmental Geology</i> , 2008 , 56, 27-44		42
134	New method for continuous transmissivity profiling in fractured rock. <i>Ground Water</i> , 2014 , 52, 352-67	2.4	41
133	Hydraulic testing using a versatile straddle packer system for improved transmissivity estimation in fractured-rock boreholes. <i>Hydrogeology Journal</i> , 2012 , 20, 1529-1547	3.1	40
132	PFAS Experts Symposium: Statements on regulatory policy, chemistry and analytics, toxicology, transport/fate, and remediation for per- and polyfluoroalkyl substances (PFAS) contamination issues. <i>Remediation</i> , 2019 , 29, 31-48	1.8	40
131	Validation of non-Darcian flow effects in slug tests conducted in fractured rock boreholes. <i>Journal of Hydrology</i> , 2013 , 486, 505-518	6	37
130	Simulating the fate and transport of TCE from groundwater to indoor air. <i>Journal of Contaminant Hydrology</i> , 2009 , 107, 140-61	3.9	37
129	Quantification of Degradation of Chlorinated Hydrocarbons in Saturated Low Permeability Sediments Using Compound-Specific Isotope Analysis. <i>Environmental Science & Technology</i> , 2016 , 50, 5622-30	10.3	35
128	Monitoring the evolution and migration of a methane gas plume in an unconfined sandy aquifer using time-lapse GPR and ERT. <i>Journal of Contaminant Hydrology</i> , 2017 , 205, 12-24	3.9	34
127	Trichloroethene DNAPL flow and mass distribution in naturally fractured clay: Evidence of aperture variability. <i>Water Resources Research</i> , 2000 , 36, 135-147	5.4	33
126	Characteristics of high resolution hydraulic head profiles and vertical gradients in fractured sedimentary rocks. <i>Journal of Hydrology</i> , 2014 , 517, 493-507	6	32

125	Geophysical and geochemical studies to delineate seawater intrusion in Bagoush area, Northwestern coast, Egypt. <i>Journal of African Earth Sciences</i> , 2016 , 121, 365-381	2.2	30
124	Long-term ground penetrating radar monitoring of a small volume DNAPL release in a natural groundwater flow field. <i>Journal of Contaminant Hydrology</i> , 2008 , 97, 1-12	3.9	30
123	Combined use of straddle packer testing and FLUTE profiling for hydraulic testing in fractured rock boreholes. <i>Journal of Hydrology</i> , 2015 , 524, 439-454	6	29
122	Dechlorinating microorganisms in a sedimentary rock matrix contaminated with a mixture of VOCs. <i>Environmental Science & Technology</i> , 2012 , 46, 5756-63	10.3	28
121	Characterization and pilot-scale studies for chemical oxidation remediation of fractured shale. <i>Remediation</i> , 2004 , 14, 19-37	1.8	28
120	Optimum Hydraulic Conductivity to Limit Contaminant Flux Through Cutoff Walls. <i>Ground Water</i> , 1996 , 34, 719-726	2.4	27
119	Groundwater Flow Quantification in Fractured Rock Boreholes Using Active Distributed Temperature Sensing Under Natural Gradient Conditions. <i>Water Resources Research</i> , 2019 , 55, 3285-3306	5.4	26
118	Structural and statistical characterization of joints and multi-scale faults in an alternating sandstone and shale turbidite sequence at the Santa Susana Field Laboratory: Implications for their effects on groundwater flow and contaminant transport. <i>Journal of Structural Geology</i> , 2016 , 85, 95-114	3	25
117	Groundwater recharge assessment in an upland sandstone aquifer of southern California. <i>Journal of Hydrology</i> , 2016 , 541, 787-799	6	25
116	Novel cable coupling technique for improved shallow distributed acoustic sensor VSPs. <i>Journal of Applied Geophysics</i> , 2017 , 138, 72-79	1.7	24
115	High resolution spatial and temporal evolution of dissolved gases in groundwater during a controlled natural gas release experiment. <i>Science of the Total Environment</i> , 2018 , 622-623, 1178-1192	10.2	24
114	Does sorption influence isotope ratios of chlorinated hydrocarbons under field conditions?. <i>Applied Geochemistry</i> , 2017 , 84, 348-359	3.5	24
113	Assessing the flow regime in a contaminated fractured and karstic dolostone aquifer supplying municipal water. <i>Journal of Hydrology</i> , 2011 , 400, 396-410	6	23
112	A downhole passive sampling system to avoid bias and error from groundwater sample handling. <i>Environmental Science & Technology</i> , 2010 , 44, 4917-23	10.3	23
111	The Active Line Source Temperature Logging Technique and its Application in Fractured Rock Hydrogeology. <i>Journal of Environmental and Engineering Geophysics</i> , 2007 , 12, 307-322	1	23
110	Effects of Glacial Sediment Type and Land Use on Nitrate Patterns in Groundwater. <i>Ground Water Monitoring and Remediation</i> , 2015 , 35, 68-81	1.4	21
109	Characterization of a heterogeneous DNAPL source zone in the Borden aquifer using partitioning and interfacial tracers: residual morphologies and background sorption. <i>Journal of Contaminant Hydrology</i> , 2010 , 115, 79-89	3.9	21
108	Manganese valence in oxides formed from in situ chemical oxidation of TCE by KMnO ₄ . <i>Environmental Science & Technology</i> , 2010 , 44, 5934-9	10.3	20

107	On Permeability Prediction From Complex Conductivity Measurements Using Polarization Magnitude and Relaxation Time. <i>Water Resources Research</i> , 2018 , 54, 3436-3452	5.4	19
106	Identification of Degradation Pathways of Chlorohydrocarbons in Saturated Low-Permeability Sediments Using Compound-Specific Isotope Analysis. <i>Environmental Science & Technology</i> , 2018 , 52, 7296-7306	10.3	18
105	A Multilevel System for High-Resolution Monitoring in Rotasonic Boreholes. <i>Ground Water Monitoring and Remediation</i> , 2006 , 26, 57-73	1.4	18
104	A novel technique for rapid extraction of volatile organohalogen compounds from low permeability media. <i>Environmental Science & Technology</i> , 2003 , 37, 3978-84	10.3	18
103	Review and Analysis of Chlorinated Solvent Dense Nonaqueous Phase Liquid Distributions in Five Sandy Aquifers. <i>Vadose Zone Journal</i> , 2003 , 2, 116	2.7	18
102	Membrane interface probe protocol for contaminants in low-permeability zones. <i>Ground Water</i> , 2014 , 52, 550-65	2.4	17
101	Fingerprinting TCE in a bedrock aquifer using compound-specific isotope analysis. <i>Ground Water</i> , 2012 , 50, 754-64	2.4	17
100	Metal mobility during in situ chemical oxidation of TCE by KMnO ₄ . <i>Journal of Contaminant Hydrology</i> , 2006 , 88, 137-52	3.9	17
99	Detailed measurement of the magnitude and orientation of thermal gradients in lined boreholes for characterizing groundwater flow in fractured rock. <i>Journal of Hydrology</i> , 2014 , 513, 101-114	6	16
98	Application of an Adapted Version of MT3DMS for Modeling Back-Diffusion Remediation Timeframes 2015 , 25, 55-79		16
97	Transport of through a Thick Vadose Zone. <i>Journal of Environmental Quality</i> , 2015 , 44, 1424-34	3.4	16
96	Assessing the effect of chlorinated hydrocarbon degradation in aquitards on plume persistence due to back-diffusion. <i>Science of the Total Environment</i> , 2018 , 633, 1602-1612	10.2	15
95	Directional phytoscreening: contaminant gradients in trees for plume delineation. <i>Environmental Science & Technology</i> , 2013 , 47, 9069-76	10.3	15
94	Virus occurrence in private and public wells in a fractured dolostone aquifer in Canada. <i>Hydrogeology Journal</i> , 2017 , 25, 1117-1136	3.1	15
93	Improving estimates of groundwater velocity in a fractured rock borehole using hydraulic and tracer dilution methods. <i>Journal of Contaminant Hydrology</i> , 2018 , 214, 75-86	3.9	15
92	JRK is a positive regulator of Eatenin transcriptional activity commonly overexpressed in colon, breast and ovarian cancer. <i>Oncogene</i> , 2016 , 35, 2834-41	9.2	14
91	Blended head analyses to reduce uncertainty in packer testing in fractured-rock boreholes. <i>Hydrogeology Journal</i> , 2016 , 24, 59-77	3.1	14
90	Subsoil heterogeneities controlling porewater contaminant mass and microbial diversity at a site with a complex pollution history. <i>Journal of Contaminant Hydrology</i> , 2013 , 144, 1-19	3.9	14

89	Electrical resistivity dynamics beneath a fractured sedimentary bedrock riverbed in response to temperature and groundwater surface water exchange. <i>Hydrology and Earth System Sciences</i> , 2017 , 21, 3105-3123	5.5	14
88	Nitrate distribution and potential attenuation mechanisms of a municipal water supply bedrock aquifer. <i>Applied Geochemistry</i> , 2016 , 73, 157-168	3.5	14
87	Geophysical conceptualization of a fractured sedimentary bedrock riverbed using ground-penetrating radar and induced electrical conductivity. <i>Journal of Hydrology</i> , 2015 , 521, 433-446	6	13
86	Combining high resolution vertical gradients and sequence stratigraphy to delineate hydrogeologic units for a contaminated sedimentary rock aquifer system. <i>Journal of Hydrology</i> , 2016 , 534, 505-523	6	13
85	Hydro-biogeochemical impacts of fugitive methane on a shallow unconfined aquifer. <i>Science of the Total Environment</i> , 2019 , 690, 1342-1354	10.2	13
84	Mechanisms of recharge in a fractured porous rock aquifer in a semi-arid region. <i>Journal of Hydrology</i> , 2017 , 555, 869-880	6	13
83	Manganese and trace-metal mobility under reducing conditions following in situ oxidation of TCE by KMnO ₄ : a laboratory column experiment. <i>Journal of Contaminant Hydrology</i> , 2011 , 119, 13-24	3.9	13
82	Electrical Monitoring of In Situ Chemical Oxidation by Permanganate. <i>Ground Water Monitoring and Remediation</i> , 2007 , 27, 77-84	1.4	13
81	DFN-M field characterization of sandstone for a process-based site conceptual model and numerical simulations of TCE transport with degradation. <i>Journal of Contaminant Hydrology</i> , 2018 , 212, 96-114	3.9	12
80	Reductive dechlorination in recalcitrant sources of chloroethenes in the transition zone between aquifers and aquitards. <i>Environmental Science and Pollution Research</i> , 2016 , 23, 18724-41	5.1	12
79	Combined MODFLOW-FRACTRAN Application to Assess Chlorinated Solvent Transport and Remediation in Fractured Sedimentary Rock 2013 , 23, 7-35		12
78	Characterization and Source History Modeling Using Low-k Zone Profiles at Two Source Areas. <i>Ground Water Monitoring and Remediation</i> , 2015 , 35, 52-69	1.4	12
77	Spatial and temporal variability of groundwater recharge in a sandstone aquifer in a semiarid region. <i>Hydrology and Earth System Sciences</i> , 2019 , 23, 2187-2205	5.5	11
76	Hybrid Multilevel System for Monitoring Groundwater Flow and Agricultural Impacts in Fractured Sedimentary Bedrock. <i>Ground Water Monitoring and Remediation</i> , 2015 , 35, 55-67	1.4	11
75	General analytical treatment of the flow field relevant to the interpretation of passive fluxmeter measurements. <i>Water Resources Research</i> , 2007 , 43,	5.4	11
74	Assessing aquitard integrity in a complex aquifer - aquitard system contaminated by chlorinated hydrocarbons. <i>Water Research</i> , 2020 , 171, 115388	12.5	11
73	Methane gas transport in unconfined aquifers: A numerical sensitivity study of a controlled release experiment at CFB Borden. <i>Journal of Contaminant Hydrology</i> , 2019 , 225, 103506	3.9	10
72	Evaluating local-scale anisotropy and heterogeneity along a fractured sedimentary bedrock river using EM azimuthal resistivity and ground-penetrating radar. <i>Journal of Applied Geophysics</i> , 2015 , 116, 156-166	1.7	10

71	A new device for characterizing fracture networks and measuring groundwater and contaminant fluxes in fractured rock aquifers. <i>Water Resources Research</i> , 2016 , 52, 5400-5420	5.4	10
70	Salt vulnerability assessment methodology for municipal supply wells. <i>Journal of Hydrology</i> , 2015 , 531, 523-533	6	10
69	Simulating an exclusion zone for vapour intrusion of TCE from groundwater into indoor air. <i>Journal of Contaminant Hydrology</i> , 2012 , 140-141, 124-38	3.9	10
68	Geophysical, geological, and hydrogeological characterization of a tributary buried bedrock valley in southern Ontario. <i>Canadian Journal of Earth Sciences</i> , 2018 , 55, 641-658	1.5	9
67	On Methods for In-Well Nitrate Monitoring Using Optical Sensors. <i>Ground Water Monitoring and Remediation</i> , 2017 , 37, 60-70	1.4	9
66	Natural attenuation of pools and plumes of carbon tetrachloride and chloroform in the transition zone to bottom aquitards and the microorganisms involved in their degradation. <i>Science of the Total Environment</i> , 2020 , 712, 135679	10.2	9
65	Measuring Fracture Flow Changes in a Bedrock Aquifer Due to Open Hole and Pumped Conditions Using Active Distributed Temperature Sensing. <i>Water Resources Research</i> , 2020 , 56, e2020WR027229	5.4	9
64	Origin of VC-only plumes from naturally enhanced dechlorination in a peat-rich hydrogeologic setting. <i>Journal of Contaminant Hydrology</i> , 2016 , 192, 129-139	3.9	9
63	Multidimensional Investigation of Bedrock Heterogeneity/Unconformities at a DNAPL-Impacted Site. <i>Ground Water</i> , 2017 , 55, 532-549	2.4	8
62	Estimating a Representative Value and Proportion of True Zeros for Censored Analytical Data with Applications to Contaminated Site Assessment. <i>Environmental Science & Technology</i> , 2017 , 51, 7502-7510	10.3	8
61	Vadose zone processes delay groundwater nitrate reduction response to BMP implementation as observed in paired cultivated vs. uncultivated potato rotation fields. <i>Journal of Hydrology</i> , 2017 , 555, 760-776	6	8
60	Assessing toluene biodegradation under temporally varying redox conditions in a fractured bedrock aquifer using stable isotope methods. <i>Water Research</i> , 2019 , 165, 114986	12.5	8
59	Using a multiple variogram approach to improve the accuracy of subsurface geological models. <i>Canadian Journal of Earth Sciences</i> , 2018 , 55, 786-801	1.5	8
58	Metolachlor dense non-aqueous phase liquid source conditions and plume attenuation in a dolostone water supply aquifer. <i>Geological Society Special Publication</i> , 2019 , 479, 207-236	1.7	8
57	Depth-discrete specific storage in fractured sedimentary rock using steady-state and transient single-hole hydraulic tests. <i>Journal of Hydrology</i> , 2016 , 542, 756-771	6	8
56	DyeLIFIA New Direct-Push Laser-Induced Fluorescence Sensor System for Chlorinated Solvent DNAPL and Other Non-Naturally Fluorescing NAPLs. <i>Ground Water Monitoring and Remediation</i> , 2018 , 38, 28-42	1.4	8
55	Wastewater impacts on groundwater at a fractured sedimentary bedrock site in Ontario, Canada: implications for First Nations source-water protection. <i>Hydrogeology Journal</i> , 2019 , 27, 2739-2753	3.1	7
54	Impacts of Climate Change and Different Crop Rotation Scenarios on Groundwater Nitrate Concentrations in a Sandy Aquifer. <i>Sustainability</i> , 2020 , 12, 1153	3.6	7

53	Processes controlling the fate of chloroethenes emanating from DNAPL aged sources in river-aquifer contexts. <i>Journal of Contaminant Hydrology</i> , 2014 , 168, 25-40	3.9	7
52	Allocating risk capital for a brownfields redevelopment project under hydrogeological and financial uncertainty. <i>Journal of Environmental Management</i> , 2012 , 100, 96-108	7.9	7
51	Impact of eliminating fracture intersection nodes in multiphase compositional flow simulation. <i>Water Resources Research</i> , 2017 , 53, 2917-2939	5.4	7
50	Microwave-assisted extraction of trichloroethylene from clay samples. <i>International Journal of Environmental Analytical Chemistry</i> , 2006 , 86, 1113-1125	1.8	7
49	Review and Analysis of Chlorinated Solvent Dense Nonaqueous Phase Liquid Distributions in Five Sandy Aquifers. <i>Vadose Zone Journal</i> , 2003 , 2, 116-137	2.7	7
48	Diffusion-Coupled Degradation of Chlorinated Ethenes in Sandstone: An Intact Core Microcosm Study. <i>Environmental Science & Technology</i> , 2018 , 52, 14321-14330	10.3	7
47	Geochemical and Isotopic Study of Bedrock Groundwater in the City of Guelph, Canada. <i>Procedia Earth and Planetary Science</i> , 2017 , 17, 921-923		6
46	Toluene biodegradation in the vadose zone of a poplar phytoremediation system identified using metagenomics and toluene-specific stable carbon isotope analysis. <i>International Journal of Phytoremediation</i> , 2019 , 21, 60-69	3.9	6
45	Cross-hole fracture connectivity assessed using hydraulic responses during liner installations in crystalline bedrock boreholes. <i>Journal of Hydrology</i> , 2018 , 556, 233-246	6	6
44	A stochastic model for estimating groundwater and contaminant discharges from fractured rock passive flux meter measurements. <i>Water Resources Research</i> , 2013 , 49, 1277-1291	5.4	6
43	Analytical analysis of borehole experiments for the estimation of subsurface thermal properties. <i>Advances in Water Resources</i> , 2016 , 91, 88-103	4.7	6
42	Determination of Cr(III) solids formed by reduction of Cr(VI) in a contaminated fractured bedrock aquifer: Evidence for natural attenuation of Cr(VI). <i>Chemical Geology</i> , 2017 , 474, 1-8	4.2	5
41	Determination of hexavalent chromium concentrations in matrix porewater from a contaminated aquifer in fractured sedimentary bedrock. <i>Chemical Geology</i> , 2015 , 419, 142-148	4.2	5
40	Groundwater nitrate in three distinct hydrogeologic and land-use settings in southwestern Ontario, Canada. <i>Hydrogeology Journal</i> , 2020 , 28, 1891-1908	3.1	5
39	Temporal hydrochemical and microbial variations in microcosm experiments from sites contaminated with chloromethanes under biostimulation with lactic acid. <i>Bioremediation Journal</i> , 2016 , 20, 54-70	2.3	5
38	CAD-DRASTIC: chloride application density combined with DRASTIC for assessing groundwater vulnerability to road salt application. <i>Hydrogeology Journal</i> , 2018 , 26, 2379-2393	3.1	5
37	Quantification of toluene phytoextraction rates and microbial biodegradation functional profiles at a fractured bedrock phytoremediation site. <i>Science of the Total Environment</i> , 2020 , 707, 135890	10.2	5
36	The importance of transects for characterizing aged organic contaminant plumes in groundwater. <i>Journal of Contaminant Hydrology</i> , 2020 , 235, 103728	3.9	5

35	Five-century record of climate and groundwater recharge variability in southern California. <i>Scientific Reports</i> , 2019 , 9, 18215	4.9	5
34	Multiple lines of field evidence to inform fracture network connectivity at a shale site contaminated with dense non-aqueous phase liquids. <i>Geological Society Special Publication</i> , 2019 , 479, 101-127	1.7	5
33	Spatial variability of microbial communities in a fractured sedimentary rock matrix impacted by a mixed organics plume. <i>Journal of Contaminant Hydrology</i> , 2018 , 218, 110-119	3.9	5
32	Simple Modeling Tool for Reconstructing Source History Using High Resolution Contaminant Profiles From Low-k Zones 2015 , 25, 31-51		4
31	Insights From Unsteady Flow Analysis of Underdamped Slug Tests in Fractured Rock. <i>Water Resources Research</i> , 2018 , 54, 5825-5840	5.4	4
30	A multidisciplinary-based conceptual model of a fractured sedimentary bedrock aquitard: improved prediction of aquitard integrity. <i>Hydrogeology Journal</i> , 2018 , 26, 2133-2159	3.1	4
29	Multiple-scale hydraulic characterization of a surficial clayey aquitard overlying a regional aquifer in Louisiana. <i>Journal of Hydrology</i> , 2018 , 558, 546-563	6	3
28	Characterizing scales of hydrogeological heterogeneity in ice-marginal sediments in Wisconsin, USA. <i>Hydrogeology Journal</i> , 2019 , 27, 1949-1968	3.1	3
27	Origin of solutes in a regional multi-layered sedimentary aquifer system (a case study from the Rubā al Khali basin, Saudi Arabia). <i>Applied Geochemistry</i> , 2021 , 126, 104871	3.5	3
26	A New Method for Determining Compound Specific Carbon Isotope of Chlorinated Solvents in Porewater. <i>Ground Water Monitoring and Remediation</i> , 2021 , 41, 51-57	1.4	3
25	Acoustic televiewer amplitude data for porosity estimation with application to porewater conversion. <i>Geological Society Special Publication</i> , 2019 , 479, 177-185	1.7	2
24	Geophysical response to simulated methane migration in groundwater based on a controlled injection experiment in a sandy unconfined aquifer. <i>Journal of Applied Geophysics</i> , 2019 , 168, 59-70	1.7	2
23	Inferring flow pathways between bedrock boreholes using the hydraulic response to borehole liner installation. <i>Journal of Hydrology</i> , 2020 , 580, 124267	6	2
22	Chlorinated Ethene Degradation Rate Coefficients Simulated with Intact Sandstone Core Microcosms. <i>Environmental Science & Technology</i> , 2020 , 54, 15829-15839	10.3	2
21	Groundwater and Solute Budget (A Case Study from Sabkha Matti, Saudi Arabia). <i>Hydrology</i> , 2020 , 7, 94	2.8	2
20	Novel Well Completions in Small Diameter Coreholes Created Using Portable Rock Drills. <i>Ground Water Monitoring and Remediation</i> , 2018 , 38, 42-55	1.4	2
19	Geochemical and isotopic evidence for pumping-induced impacts to bedrock groundwater quality in the City of Guelph, Canada. <i>Science of the Total Environment</i> , 2021 , 800, 149359	10.2	2
18	Benchmarking NAPL Redirection and Matrix Entry at Fracture Intersections Below the Water Table. <i>Water Resources Research</i> , 2019 , 55, 2672-2689	5.4	1

17	Time-Elevation Head Sections: Improved Visualization of Data from Multilevels. <i>Ground Water Monitoring and Remediation</i> , 2013 , 33, 95-102	1.4	1
16	GPR Monitoring of a DNAPL Release in a Natural Groundwater Flow Field 2006 ,		1
15	Improving pore-size distribution and permeability prediction from NMR using DT2 maps 2019 ,		1
14	Biotic and abiotic reductive dechlorination of chloroethenes in aquitards. <i>Science of the Total Environment</i> , 2021 , 816, 151532	10.2	1
13	The role of ecotones in the dehalogenation of chloroethenes in alluvial fan aquifers. <i>Environmental Science and Pollution Research</i> , 2021 , 28, 26871-26884	5.1	1
12	Hydrologic interpretation of seasonally dynamic ambient temperature profiles in sealed bedrock boreholes. <i>Journal of Hydrology</i> , 2018 , 567, 133-148	6	1
11	How Do Fractures Influence Hyporheic Exchange in Sedimentary Rock Riverbeds?. <i>Water Resources Research</i> , 2021 , 57, e2020WR028476	5.4	1
10	Quantifying groundwater flow variability in a poorly cemented fractured sandstone aquifer to inform in situ remediation. <i>Journal of Contaminant Hydrology</i> , 2021 , 241, 103838	3.9	1
9	Evaluating Friction and Inertial Losses From Slug Tests Conducted in a Multilevel System. <i>Water Resources Research</i> , 2021 , 57, e2021WR029794	5.4	0
8	Identification of degrader bacteria and fungi enriched in rhizosphere soil from a toluene phytoremediation site using DNA stable isotope probing. <i>International Journal of Phytoremediation</i> , 2021 , 23, 846-856	3.9	0
7	Evaluation of slim-hole NMR logging for Hydrogeologic Insights into Dolostone and Sandstone Aquifers. <i>Journal of Hydrology</i> , 2022 , 127809	6	0
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