

Bridget R Scanlon

List of Publications by Year in descending order

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Version: 2024-02-01

181
papers

20,882
citations

10351

72
h-index

10708

138
g-index

195
all docs

195
docs citations

195
times ranked

15320
citing authors

#	ARTICLE	IF	CITATIONS
1	Linkages between GRACE water storage, hydrologic extremes, and climate teleconnections in major African aquifers. <i>Environmental Research Letters</i> , 2022, 17, 014046.	2.2	28
2	Assessing cumulative water impacts from shale oil and gas production: Permian Basin case study. <i>Science of the Total Environment</i> , 2022, 811, 152306.	3.9	11
3	Human Intervention Will Stabilize Groundwater Storage Across the North China Plain. <i>Water Resources Research</i> , 2022, 58, .	1.7	34
4	Analysis of wastewater injection and prospect regions for induced seismicity in the Texas panhandle, United States. <i>AAPG Bulletin</i> , 2022, 106, 679-699.	0.7	1
5	How Severe is Water Stress in the MENA Region? Insights from GRACE and GRACE-FO Satellites and Global Hydrological Modeling. , 2022, , 51-65.		3
6	New improved Brazilian daily weather gridded data (1961–2020). <i>International Journal of Climatology</i> , 2022, 42, 8390-8404.	1.5	24
7	Reconstruction of GRACE Mass Change Time Series Using a Bayesian Framework. <i>Earth and Space Science</i> , 2022, 9, .	1.1	7
8	Exploring groundwater and soil water storage changes across the CONUS at 12.5 km resolution by a Bayesian integration of GRACE data into W3RA. <i>Science of the Total Environment</i> , 2021, 758, 143579.	3.9	18
9	Reconstruction of GRACE Total Water Storage Through Automated Machine Learning. <i>Water Resources Research</i> , 2021, 57, e2020WR028666.	1.7	50
10	Mobilization of Arsenic and Other Naturally Occurring Contaminants during Managed Aquifer Recharge: A Critical Review. <i>Environmental Science & Technology</i> , 2021, 55, 2208-2223.	4.6	46
11	Mapping groundwater recharge in Africa from ground observations and implications for water security. <i>Environmental Research Letters</i> , 2021, 16, 034012.	2.2	55
12	Multi-decadal assessment of water budget and hydrological extremes in the Tigris-Euphrates Basin using satellites, modeling, and in-situ data. <i>Science of the Total Environment</i> , 2021, 766, 144337.	3.9	10
13	Role of Groundwater in Sustaining Northern Himalayan Rivers. <i>Geophysical Research Letters</i> , 2021, 48, e2020GL092354.	1.5	32
14	GRACE Satellites Enable Long-Lead Forecasts of Mountain Contributions to Streamflow in the Low-Flow Season. <i>Remote Sensing</i> , 2021, 13, 1993.	1.8	1
15	The annual cycle of terrestrial water storage anomalies in CMIP6 models evaluated against GRACE data. <i>Journal of Climate</i> , 2021, , 1-40.	1.2	7
16	Effects of climate and irrigation on GRACE-based estimates of water storage changes in major US aquifers. <i>Environmental Research Letters</i> , 2021, 16, 094009.	2.2	31
17	Managed aquifer recharge as a drought mitigation strategy in heavily-stressed aquifers. <i>Environmental Research Letters</i> , 2021, 16, 014046.	2.2	31
18	Global groundwater: from scarcity to security through sustainability and solutions. , 2021, , 3-20.		30

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19	Post-Drought Groundwater Storage Recovery in California's Central Valley. <i>Water Resources Research</i> , 2021, 57, e2021WR030352.	1.7	17
20	A Modified Evaporation Model Indicates That the Effects of Air Warming on Global Drying Trends Have Been Overestimated. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021, 126, e2021JD035153.	1.2	4
21	Combining GRACE and satellite altimetry data to detect change in sediment load to the Bohai Sea. <i>Science of the Total Environment</i> , 2021, , 151677.	3.9	2
22	GMD perspective: The quest to improve the evaluation of groundwater representation in continental-to global-scale models. <i>Geoscientific Model Development</i> , 2021, 14, 7545-7571.	1.3	38
23	Food-Energy-Water Nexus for Multi-scale Sustainable Development. <i>Resources, Conservation and Recycling</i> , 2020, 154, 104565.	5.3	7
24	Basin-scale River Runoff Estimation From GRACE Gravity Satellites, Climate Models, and In Situ Observations: A Case Study in the Amazon Basin. <i>Water Resources Research</i> , 2020, 56, e2020WR028032.	1.7	36
25	Peak grain forecasts for the US High Plains amid withering waters. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 26145-26150.	3.3	12
26	South-to-North Water Diversion stabilizing Beijing's groundwater levels. <i>Nature Communications</i> , 2020, 11, 3665.	5.8	254
27	Origin of low salinity, high volume produced waters in the Wolfcamp Shale (Permian), Delaware Basin, USA. <i>Applied Geochemistry</i> , 2020, 122, 104771.	1.4	11
28	Comparison of Groundwater Storage Changes From GRACE Satellites With Monitoring and Modeling of Major U.S. Aquifers. <i>Water Resources Research</i> , 2020, 56, e2020WR027556.	1.7	73
29	Spring discharge and thermal regime of a groundwater dependent ecosystem in an arid karst environment. <i>Journal of Hydrology</i> , 2020, 587, 124947.	2.3	16
30	Datasets associated with investigating the potential for beneficial reuse of produced water from oil and gas extraction outside of the energy sector. <i>Data in Brief</i> , 2020, 30, 105406.	0.5	2
31	Can we beneficially reuse produced water from oil and gas extraction in the U.S.?. <i>Science of the Total Environment</i> , 2020, 717, 137085.	3.9	111
32	Will Water Issues Constrain Oil and Gas Production in the United States?. <i>Environmental Science & Technology</i> , 2020, 54, 3510-3519.	4.6	65
33	Integrating groundwater irrigation into hydrological simulation of India: Case of improving model representation of anthropogenic water use impact using GRACE. <i>Journal of Hydrology: Regional Studies</i> , 2020, 29, 100681.	1.0	15
34	Observed controls on resilience of groundwater to climate variability in sub-Saharan Africa. <i>Nature</i> , 2019, 572, 230-234.	13.7	168
35	How much water can be captured from flood flows to store in depleted aquifers for mitigating floods and droughts? A case study from Texas, US. <i>Environmental Research Letters</i> , 2019, 14, 054011.	2.2	16
36	Managing Basin-scale Fluid Budgets to Reduce Injection-induced Seismicity from the Recent U.S. Shale Oil Revolution. <i>Seismological Research Letters</i> , 2019, 90, 171-182.	0.8	40

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37	Evapotranspiration Estimation for Tibetan Plateau Headwaters Using Conjoint Terrestrial and Atmospheric Water Balances and Multisource Remote Sensing. <i>Water Resources Research</i> , 2019, 55, 8608-8630.	1.7	87
38	How can Big Data and machine learning benefit environment and water management: a survey of methods, applications, and future directions. <i>Environmental Research Letters</i> , 2019, 14, 073001.	2.2	233
39	Tracking Seasonal Fluctuations in Land Water Storage Using Global Models and GRACE Satellites. <i>Geophysical Research Letters</i> , 2019, 46, 5254-5264.	1.5	84
40	Topical Collection: Determining groundwater sustainability from long-term piezometry in Sub-Saharan Africa. <i>Hydrogeology Journal</i> , 2019, 27, 443-446.	0.9	14
41	Long-term groundwater recharge rates across India by in situ measurements. <i>Hydrology and Earth System Sciences</i> , 2019, 23, 711-722.	1.9	43
42	Combining Physically Based Modeling and Deep Learning for Fusing GRACE Satellite Data: Can We Learn From Mismatch?. <i>Water Resources Research</i> , 2019, 55, 1179-1195.	1.7	131
43	Spatiotemporal and stratigraphic trends in salt-water disposal practices of the Permian Basin, Texas and New Mexico, United States. <i>Environmental Geosciences</i> , 2019, 26, 107-124.	0.6	18
44	The Texas Soil Observation Network: A Comprehensive Soil Moisture Dataset for Remote Sensing and Land Surface Model Validation. <i>Vadose Zone Journal</i> , 2019, 18, 1-20.	1.3	28
45	Hydrogeology Journal, 2019, 27, 1-30.	0.9	304
46	A screening approach to improve water management practices in undeveloped shale plays, with application to the transboundary Eagle Ford Formation in northeast Mexico. <i>Journal of Environmental Management</i> , 2019, 236, 146-162.	3.8	7
47	Global models underestimate large decadal declining and rising water storage trends relative to GRACE satellite data. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E1080-E1089.	3.3	376
48	Trace Element Behavior in Methane-Rich and Methane-Free Groundwater in North and East Texas. <i>Ground Water</i> , 2018, 56, 705-718.	0.7	8
49	Fingerprinting groundwater salinity sources in the Gulf Coast Aquifer System, USA. <i>Hydrogeology Journal</i> , 2018, 26, 197-213.	0.9	22
50	Biofuel-water-land nexus in the last agricultural frontier region of the Brazilian Cerrado. <i>Applied Energy</i> , 2018, 231, 1330-1345.	5.1	23
51	Machine Learning Analysis of Satellite Imagery for Detection of Permian Basin Water Impoundments. , 2018, , .		1
52	Controls on high and low groundwater arsenic on the opposite banks of the lower reaches of River Ganges, Bengal basin, India. <i>Science of the Total Environment</i> , 2018, 645, 1371-1387.	3.9	40
53	Energy Intensity and Greenhouse Gas Emissions from Oil Production in the Eagle Ford Shale. <i>Energy & Fuels</i> , 2017, 31, 1440-1449.	2.5	13
54	A comparative study of historical droughts over Texas, USA and Murray-Darling Basin, Australia: Factors influencing initialization and cessation. <i>Global and Planetary Change</i> , 2017, 149, 123-138.	1.6	16

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55	Global analysis of spatiotemporal variability in merged total water storage changes using multiple GRACE products and global hydrological models. <i>Remote Sensing of Environment</i> , 2017, 192, 198-216.	4.6	223
56	A new drought index that considers the joint effects of climate and land surface change. <i>Water Resources Research</i> , 2017, 53, 3262-3278.	1.7	60
57	The food- \times energy- \times water nexus: Transforming science for society. <i>Water Resources Research</i> , 2017, 53, 3550-3556.	1.7	180
58	Long-Term Conventional and No-Tillage Effects on Field Hydrology and Yields of a Dryland Crop Rotation. <i>Soil Science Society of America Journal</i> , 2017, 81, 200-209.	1.2	14
59	Representing water scarcity in future agricultural assessments. <i>Anthropocene</i> , 2017, 18, 15-26.	1.6	27
60	Projecting the Water Footprint Associated with Shale Resource Production: Eagle Ford Shale Case Study. <i>Environmental Science & Technology</i> , 2017, 51, 14453-14461.	4.6	29
61	Water Issues Related to Transitioning from Conventional to Unconventional Oil Production in the Permian Basin. <i>Environmental Science & Technology</i> , 2017, 51, 10903-10912.	4.6	129
62	Baseflow recession analysis in a large shale play: Climate variability and anthropogenic alterations mask effects of hydraulic fracturing. <i>Journal of Hydrology</i> , 2017, 553, 160-171.	2.3	6
63	Using GRACE Satellite Gravimetry for Assessing Large-Scale Hydrologic Extremes. <i>Remote Sensing</i> , 2017, 9, 1287.	1.8	33
64	Reservoir storage and hydrologic responses to droughts in the Paranı River basin, south-eastern Brazil. <i>Hydrology and Earth System Sciences</i> , 2016, 20, 4673-4688.	1.9	56
65	Focus on water storage for managing climate extremes and change. <i>Environmental Research Letters</i> , 2016, 11, 120208.	2.2	2
66	Sugarcane land use and water resources assessment in the expansion area in Brazil. <i>Journal of Cleaner Production</i> , 2016, 133, 1318-1327.	4.6	51
67	Have GRACE satellites overestimated groundwater depletion in the Northwest India Aquifer?. <i>Scientific Reports</i> , 2016, 6, 24398.	1.6	202
68	Impacts of thickening unsaturated zone on groundwater recharge in the North China Plain. <i>Journal of Hydrology</i> , 2016, 537, 260-270.	2.3	95
69	Enhancing drought resilience with conjunctive use and managed aquifer recharge in California and Arizona. <i>Environmental Research Letters</i> , 2016, 11, 035013.	2.2	116
70	Recent Trends in Water Use and Production for California Oil Production. <i>Environmental Science & Technology</i> , 2016, 50, 7904-7912.	4.6	15
71	Managing the Increasing Water Footprint of Hydraulic Fracturing in the Bakken Play, United States. <i>Environmental Science & Technology</i> , 2016, 50, 10273-10281.	4.6	37
72	Global evaluation of new <scp>GRACE</scp> mascon products for hydrologic applications. <i>Water Resources Research</i> , 2016, 52, 9412-9429.	1.7	344

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73	Daily gridded meteorological variables in Brazil (1980–2013). <i>International Journal of Climatology</i> , 2016, 36, 2644-2659.	1.5	324
74	Groundwater Storage Changes: Present Status from GRACE Observations. <i>Space Sciences Series of ISSI</i> , 2016, , 207-227.	0.0	22
75	Long-term groundwater storage change in Victoria, Australia from satellite gravity and in situ observations. <i>Global and Planetary Change</i> , 2016, 139, 56-65.	1.6	95
76	Implications of projected climate change for groundwater recharge in the western United States. <i>Journal of Hydrology</i> , 2016, 534, 124-138.	2.3	299
77	What caused the spring intensification and winter demise of the 2011 drought over Texas?. <i>Climate Dynamics</i> , 2016, 47, 3077-3090.	1.7	35
78	Groundwater Storage Changes: Present Status from GRACE Observations. <i>Surveys in Geophysics</i> , 2016, 37, 397-417.	2.1	133
79	Hydrologic implications of GRACE satellite data in the Colorado River Basin. <i>Water Resources Research</i> , 2015, 51, 9891-9903.	1.7	79
80	Impacts of varying agricultural intensification on crop yield and groundwater resources: comparison of the North China Plain and US High Plains. <i>Environmental Research Letters</i> , 2015, 10, 044013.	2.2	58
81	Performance evaluation of rainfall estimates by TRMM Multi-satellite Precipitation Analysis 3B42V6 and V7 over Brazil. <i>Journal of Geophysical Research D: Atmospheres</i> , 2015, 120, 9426-9436.	1.2	72
82	Long-Term Changes in Soil Organic Carbon and Nitrogen under Semiarid Tillage and Cropping Practices. <i>Soil Science Society of America Journal</i> , 2015, 79, 1771-1781.	1.2	16
83	A global data set of the extent of irrigated land from 1900 to 2005. <i>Hydrology and Earth System Sciences</i> , 2015, 19, 1521-1545.	1.9	301
84	Response to Comment on "Comparison of Water Use for Hydraulic Fracturing for Unconventional Oil and Gas versus Conventional Oil". <i>Environmental Science & Technology</i> , 2015, 49, 6360-6361.	4.6	9
85	Global analysis of approaches for deriving total water storage changes from GRACE satellites. <i>Water Resources Research</i> , 2015, 51, 2574-2594.	1.7	179
86	Potential Economic Impacts of Environmental Flows Following a Possible Listing of Endangered Texas Freshwater Mussels. <i>Journal of the American Water Resources Association</i> , 2014, 50, 1081-1101.	1.0	6
87	Will water scarcity in semiarid regions limit hydraulic fracturing of shale plays?. <i>Environmental Research Letters</i> , 2014, 9, 124011.	2.2	83
88	Comparison of Water Use for Hydraulic Fracturing for Unconventional Oil and Gas versus Conventional Oil. <i>Environmental Science & Technology</i> , 2014, 48, 12386-12393.	4.6	225
89	Uncertainty in evapotranspiration from land surface modeling, remote sensing, and GRACE satellites. <i>Water Resources Research</i> , 2014, 50, 1131-1151.	1.7	394
90	Long-term increase in diffuse groundwater recharge following expansion of rainfed cultivation in the Sahel, West Africa. <i>Hydrogeology Journal</i> , 2014, 22, 1293-1305.	0.9	29

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91	Source and Fate of Hydraulic Fracturing Water in the Barnett Shale: A Historical Perspective. <i>Environmental Science & Technology</i> , 2014, 48, 2464-2471.	4.6	188
92	GRACE satellite observed hydrological controls on interannual and seasonal variability in surface greenness over mainland Australia. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2014, 119, 2245-2260.	1.3	118
93	Single-well push-pull test for assessing potential impacts of CO ₂ leakage on groundwater quality in a shallow Gulf Coast aquifer in Cranfield, Mississippi. <i>International Journal of Greenhouse Gas Control</i> , 2013, 18, 375-387.	2.3	70
94	Relative importance of climate and land surface changes on hydrologic changes in the US Midwest since the 1930s: Implications for biofuel production. <i>Journal of Hydrology</i> , 2013, 497, 110-120.	2.3	77
95	Potential climate change effects on groundwater recharge in the High Plains Aquifer, USA. <i>Water Resources Research</i> , 2013, 49, 3936-3951.	1.7	156
96	Energy/water budgets and productivity of the typical croplands irrigated with groundwater and surface water in the North China Plain. <i>Agricultural and Forest Meteorology</i> , 2013, 181, 133-142.	1.9	88
97	Ground water and climate change. <i>Nature Climate Change</i> , 2013, 3, 322-329.	8.1	1,513
98	GRACE satellite monitoring of large depletion in water storage in response to the 2011 drought in Texas. <i>Geophysical Research Letters</i> , 2013, 40, 3395-3401.	1.5	315
99	Potential Impacts of CO ₂ Leakage on Groundwater Chemistry from Laboratory Batch Experiments and Field Push-pull Tests. <i>Environmental Science & Technology</i> , 2013, 47, 130905130052009.	4.6	14
100	Controls on Water Use for Thermoelectric Generation: Case Study Texas, U.S.. <i>Environmental Science & Technology</i> , 2013, 47, 11326-11334.	4.6	34
101	GRACE water storage estimates for the Middle East and other regions with significant reservoir and lake storage. <i>Hydrology and Earth System Sciences</i> , 2013, 17, 4817-4830.	1.9	106
102	Drought and the water-energy nexus in Texas. <i>Environmental Research Letters</i> , 2013, 8, 045033.	2.2	91
103	Use of flow modeling to assess sustainability of groundwater resources in the North China Plain. <i>Water Resources Research</i> , 2013, 49, 159-175.	1.7	274
104	Local and global factors controlling water-energy balances within the Budyko framework. <i>Geophysical Research Letters</i> , 2013, 40, 6123-6129.	1.5	214
105	Are Temperature and Precipitation Extremes Increasing over the U.S. High Plains?. <i>Earth Interactions</i> , 2012, 16, 1-20.	0.7	8
106	Groundwater depletion and sustainability of irrigation in the US High Plains and Central Valley. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 9320-9325.	3.3	951
107	Water Use for Shale-Gas Production in Texas, U.S.. <i>Environmental Science & Technology</i> , 2012, 46, 3580-3586.	4.6	419
108	Impact of water withdrawals from groundwater and surface water on continental water storage variations. <i>Journal of Geodynamics</i> , 2012, 59-60, 143-156.	0.7	477

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109	Solute chemistry and arsenic fate in aquifers between the Himalayan foothills and Indian craton (including central Gangetic plain): Influence of geology and geomorphology. <i>Geochimica Et Cosmochimica Acta</i> , 2012, 90, 283-302.	1.6	98
110	Deriving theoretical boundaries to address scale dependencies of triangle models for evapotranspiration estimation. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	51
111	Ground referencing GRACE satellite estimates of groundwater storage changes in the California Central Valley, USA. <i>Water Resources Research</i> , 2012, 48, .	1.7	317
112	Correction to "Deriving theoretical boundaries to address scale dependencies of triangle models for evapotranspiration estimation". <i>Journal of Geophysical Research</i> , 2012, 117, n/a-n/a.	3.3	7
113	Calibration and evaluation of a semi-distributed watershed model of Sub-Saharan Africa using GRACE data. <i>Hydrology and Earth System Sciences</i> , 2012, 16, 3083-3099.	1.9	54
114	Sources of groundwater pumpage in a layered aquifer system in the Upper Gulf Coastal Plain, USA. <i>Hydrogeology Journal</i> , 2012, 20, 783-796.	0.9	16
115	Field Test of the Superconducting Gravimeter as a Hydrologic Sensor. <i>Ground Water</i> , 2012, 50, 442-449.	0.7	24
116	The Superconducting Gravimeter as a Field Instrument Applied to Hydrology. <i>International Association of Geodesy Symposia</i> , 2012, , 291-295.	0.2	0
117	Arsenic enrichment in unconfined sections of the southern Gulf Coast aquifer system, Texas. <i>Applied Geochemistry</i> , 2011, 26, 421-431.	1.4	12
118	Elevated arsenic in deeper groundwater of the western Bengal basin, India: Extent and controls from regional to local scale. <i>Applied Geochemistry</i> , 2011, 26, 600-613.	1.4	134
119	Groundwater Recharge through Vertisols: Irrigated Cropland vs. Natural Land, Israel. <i>Vadose Zone Journal</i> , 2011, 10, 662-674.	1.3	57
120	Impacts of soil conservation on groundwater recharge in the semi-arid Loess Plateau, China. <i>Hydrogeology Journal</i> , 2011, 19, 865-875.	0.9	123
121	Impact of agroecosystems on groundwater resources in the Central High Plains, USA. <i>Agriculture, Ecosystems and Environment</i> , 2010, 139, 700-713.	2.5	51
122	Recarga de aguas subterráneas en sistemas de dunas naturales y ecosistemas agrícolas en la región del desierto de Thar, Rajasthan, India. <i>Hydrogeology Journal</i> , 2010, 18, 959-972.	0.9	56
123	Probabilistic analysis of the effects of climate change on groundwater recharge. <i>Water Resources Research</i> , 2010, 46, .	1.7	73
124	Effects of irrigated agroecosystems: 1. Quantity of soil water and groundwater in the southern High Plains, Texas. <i>Water Resources Research</i> , 2010, 46, .	1.7	23
125	Effects of irrigated agroecosystems: 2. Quality of soil water and groundwater in the southern High Plains, Texas. <i>Water Resources Research</i> , 2010, 46, .	1.7	18
126	GRACE Hydrological estimates for small basins: Evaluating processing approaches on the High Plains Aquifer, USA. <i>Water Resources Research</i> , 2010, 46, .	1.7	258

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127	Realizing the Potential of Satellite Gravimetry for Hydrology: Second GRACE Hydrology Workshop; Austin, Texas, 4 November 2009. <i>Eos</i> , 2010, 91, 96.	0.1	6
128	Recent La Plata basin drought conditions observed by satellite gravimetry. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	91
129	Residual soil nitrate in irrigated Southern High Plains cotton fields and Ogallala groundwater nitrate. <i>Journal of Soils and Water Conservation</i> , 2009, 64, 98-104.	0.8	19
130	Evaluation of Noble Gas Recharge Temperatures in a Shallow Unconfined Aquifer. <i>Ground Water</i> , 2009, 47, 646-659.	0.7	30
131	Elevated naturally occurring arsenic in a semiarid oxidizing system, Southern High Plains aquifer, Texas, USA. <i>Applied Geochemistry</i> , 2009, 24, 2061-2071.	1.4	103
132	Using data assimilation to identify diffuse recharge mechanisms from chemical and physical data in the unsaturated zone. <i>Water Resources Research</i> , 2009, 45, .	1.7	29
133	Introduction to special section on Impacts of Land Use Change on Water Resources. <i>Water Resources Research</i> , 2009, 45, .	1.7	101
134	Evaluation of groundwater storage monitoring with the GRACE satellite: Case study of the High Plains aquifer, central United States. <i>Water Resources Research</i> , 2009, 45, .	1.7	168
135	Inventories and mobilization of unsaturated zone sulfate, fluoride, and chloride related to land use change in semiarid regions, southwestern United States and Australia. <i>Water Resources Research</i> , 2009, 45, .	1.7	59
136	Estimating groundwater recharge in a cold desert environment in northern China using chloride. <i>Hydrogeology Journal</i> , 2008, 16, 893-910.	0.9	125
137	Hydrogeochemical comparison and effects of overlapping redox zones on groundwater arsenic near the Western (Bhagirathi sub-basin, India) and Eastern (Meghna sub-basin, Bangladesh) margins of the Bengal Basin. <i>Journal of Contaminant Hydrology</i> , 2008, 99, 31-48.	1.6	145
138	Impact of deep plowing on groundwater recharge in a semiarid region: Case study, High Plains, Texas. <i>Water Resources Research</i> , 2008, 44, .	1.7	18
139	Impacts of Land Use Change on Nitrogen Cycling Archived in Semiarid Unsaturated Zone Nitrate Profiles, Southern High Plains, Texas. <i>Environmental Science & Technology</i> , 2008, 42, 7566-7572.	4.6	55
140	Mobilization of Naturally Occurring Perchlorate Related to Land-Use Change in the Southern High Plains, Texas. <i>Environmental Science & Technology</i> , 2008, 42, 8648-8653.	4.6	17
141	Impact of Artificial Recharge on Dissolved Noble Gases in Groundwater in California. <i>Environmental Science & Technology</i> , 2008, 42, 1017-1023.	4.6	34
142	Widespread Natural Perchlorate in Unsaturated Zones of the Southwest United States. <i>Environmental Science & Technology</i> , 2007, 41, 4522-4528.	4.6	147
143	Unsaturated Zone Arsenic Distribution and Implications for Groundwater Contamination. <i>Environmental Science & Technology</i> , 2007, 41, 6914-6919.	4.6	27
144	Global impacts of conversions from natural to agricultural ecosystems on water resources: Quantity versus quality. <i>Water Resources Research</i> , 2007, 43, .	1.7	530

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145	Semiarid unsaturated zone chloride profiles: Archives of past land use change impacts on water resources in the southern High Plains, United States. <i>Water Resources Research</i> , 2007, 43, .	1.7	79
146	Comparison of seasonal terrestrial water storage variations from GRACE with groundwater level measurements from the High Plains Aquifer (USA). <i>Geophysical Research Letters</i> , 2007, 34, .	1.5	166
147	El Niño Southern Oscillation and Pacific Decadal Oscillation impacts on precipitation in the southern and central United States: Evaluation of spatial distribution and predictions. <i>Water Resources Research</i> , 2007, 43, .	1.7	69
148	Ecohydrology of water-limited environments: A scientific vision. <i>Water Resources Research</i> , 2006, 42, .	1.7	397
149	Global synthesis of groundwater recharge in semiarid and arid regions. <i>Hydrological Processes</i> , 2006, 20, 3335-3370.	1.1	862
150	Response to "Comments on "Evaluation of Evapotranspirative Covers for Waste Containment in Arid and Semiarid Regions in the Southwestern USA". <i>Vadose Zone Journal</i> , 2006, 5, 813-814.	1.3	2
151	Impact of land use and land cover change on groundwater recharge and quality in the southwestern US. <i>Global Change Biology</i> , 2005, 11, 1577-1593.	4.2	510
152	Ecological controls on water-cycle response to climate variability in deserts. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 6033-6038.	3.3	129
153	Assessing controls on diffuse groundwater recharge using unsaturated flow modeling. <i>Water Resources Research</i> , 2005, 41, .	1.7	118
154	Evaluation of Evapotranspirative Covers for Waste Containment in Arid and Semiarid Regions in the Southwestern USA. <i>Vadose Zone Journal</i> , 2005, 4, 55-71.	1.3	78
155	Hydrologic processes in deep vadose zones in interdrainage arid environments. <i>Water Science and Application</i> , 2004, , 15-28.	0.3	10
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