Avner Vengosh

List of Publications by Year
in descending order

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180 papers	15,213 citations	15504 65 h-index	19190 118 g-index
181 all docs	181 docs citations	181 times ranked	11132 citing authors

#	Article	IF	Citations
1	Legacy of anthropogenic lead in urban soils: Co-occurrence with metal(loids) and fallout radionuclides, isotopic fingerprinting, and in vitro bioaccessibility. Science of the Total Environment, 2022, 806, 151276.	8.0	20
2	The Sr isotope signature of Wuchiapingian semi-anthracites from Chongqing, southwestern China: Indication for hydrothermal effects. Gondwana Research, 2022, 103, 522-541.	6.0	4
3	A critical review on the occurrence and distribution of the uranium- and thorium-decay nuclides and their effect on the quality of groundwater. Science of the Total Environment, 2022, 808, 151914.	8.0	42
4	Evaluation and Integration of Geochemical Indicators for Detecting Trace Levels of Coal Fly Ash in Soils. Environmental Science & Technology, 2021, 55, 10387-10397.	10.0	8
5	Multiple geochemical and isotopic (Boron, Strontium, Carbon) indicators for reconstruction of the origin and evolution of oilfield water from Jiuquan Basin, Northwestern China. Applied Geochemistry, 2021, 130, 104962.	3.0	3
6	Geochemical evidence for fugitive gas contamination and associated water quality changes in drinking-water wells from Parker County, Texas. Science of the Total Environment, 2021, 780, 146555.	8.0	12
7	Global Biogeochemical Cycle of Lithium. Global Biogeochemical Cycles, 2021, 35, e2021GB006999.	4.9	18
8	Is Food Irrigated with Oilfieldâ€Produced Water in the California Central Valley Safe to Eat? A Probabilistic Human Health Risk Assessment Evaluating Trace Metals Exposure. Risk Analysis, 2021, 41, 1463-1477.	2.7	6
9	Occurrence and distribution of hexavalent chromium in groundwater from North Carolina, USA. Science of the Total Environment, 2020, 711, 135135.	8.0	61
10	Global Biogeochemical Cycle of Fluorine. Global Biogeochemical Cycles, 2020, 34, e2020GB006722.	4.9	25
11	Endocrine disrupting activities and geochemistry of water resources associated with unconventional oil and gas activity. Science of the Total Environment, 2020, 748, 142236.	8.0	13
12	Distinction of strontium isotope ratios between water-soluble and bulk coal fly ash from the United States. International Journal of Coal Geology, 2020, 222, 103464.	5.0	12
13	High Hexavalent Chromium Concentration in Groundwater from a Deep Aquifer in the Baiyangdian Basin of the North China Plain. Environmental Science & Technology, 2020, 54, 10068-10077.	10.0	46
14	The impact of using low-saline oilfield produced water for irrigation on water and soil quality in California. Science of the Total Environment, 2020, 733, 139392.	8.0	40
15	Recycling flowback water for hydraulic fracturing in Sichuan Basin, China: Implications for gas production, water footprint, and water quality of regenerated flowback water. Fuel, 2020, 272, 117621.	6.4	51
16	Thank You to Our 2019 Peer Reviewers. GeoHealth, 2020, 4, e2020GH000250.	4.0	0
17	Factors Controlling the Risks of Co-occurrence of the Redox-Sensitive Elements of Arsenic, Chromium, Vanadium, and Uranium in Groundwater from the Eastern United States. Environmental Science & Technology, 2020, 54, 4367-4375.	10.0	50
18	Hydrochemistry of flowback water from Changning shale gas field and associated shallow groundwater in Southern Sichuan Basin, China: Implications for the possible impact of shale gas development on groundwater quality. Science of the Total Environment, 2020, 713, 136591.	8.0	28

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19	Occurrence and Sources of Radium in Groundwater Associated with Oil Fields in the Southern San Joaquin Valley, California. Environmental Science & Technology, 2019, 53, 9398-9406.	10.0	21
20	Evidence for unmonitored coal ash spills in Sutton Lake, North Carolina: Implications for contamination of lake ecosystems. Science of the Total Environment, 2019, 686, 1090-1103.	8.0	44
21	Co-occurrence of geogenic and anthropogenic contaminants in groundwater from Rajasthan, India. Science of the Total Environment, 2019, 688, 1216-1227.	8.0	73
22	Quantification of the water-use reduction associated with the transition from coal to natural gas in the US electricity sector. Environmental Research Letters, 2019, 14, 124028.	5.2	19
23	Cadmium exposure and MEG3 methylation differences between Whites and African Americans in the NEST Cohort. Environmental Epigenetics, 2019, 5, dvz014.	1.8	12
24	Lead Isotopes as a New Tracer for Detecting Coal Fly Ash in the Environment. Environmental Science and Technology Letters, 2019, 6, 714-719.	8.7	19
25	Assessment of inorganic contamination of private wells and demonstration of effective filter-based reduction: A pilot-study in Stokes County, North Carolina. Environmental Research, 2019, 177, 108618.	7.5	18
26	Disinfection Byproducts in Rajasthan, India: Are Trihalomethanes a Sufficient Indicator of Disinfection Byproduct Exposure in Low-Income Countries?. Environmental Science & Technology, 2019, 53, 12007-12017.	10.0	36
27	Accuracy of methods for reporting inorganic element concentrations and radioactivity in oil and gas wastewaters from the Appalachian Basin, U.S. based on an inter-laboratory comparison. Environmental Sciences: Processes and Impacts, 2019, 21, 224-241.	3.5	18
28	Thank You to Our 2018 Peer Reviewers. GeoHealth, 2019, 3, 82-83.	4.0	0
29	More than a decade of hydraulic fracturing and horizontal drilling research. Environmental Sciences: Processes and Impacts, 2019, 21, 193-194.	3.5	3
30	First Person: Avner Vengosh. American Scientist, 2019, 107, 282.	0.1	0
31	Reply to Selin: Human impacts on the atmospheric burden of trace metals. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E2668-E2668.	7.1	0
32	The water footprint of hydraulic fracturing in Sichuan Basin, China. Science of the Total Environment, 2018, 630, 349-356.	8.0	61
33	Preâ€drill Groundwater Geochemistry in the Karoo Basin, South Africa. Ground Water, 2018, 56, 187-203.	1.3	20
34	Ranking Coal Ash Materials for Their Potential to Leach Arsenic and Selenium: Relative Importance of Ash Chemistry and Site Biogeochemistry. Environmental Engineering Science, 2018, 35, 728-738.	1.6	35
35	Hydrocarbonâ€Rich Groundwater above Shaleâ€Gas Formations: A Karoo Basin Case Study. Ground Water, 2018, 56, 204-224.	1.3	23
36	Structural and Hydrogeological Controls on Hydrocarbon and Brine Migration into Drinking Water Aquifers in Southern New York. Ground Water, 2018, 56, 225-244.	1.3	31

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37	Characterization of the boron, lithium, and strontium isotopic variations of oil sands process-affected water in Alberta, Canada. Applied Geochemistry, 2018, 90, 50-62.	3.0	13
38	Radium isotope response to aquifer storage and recovery in a sandstone aquifer. Applied Geochemistry, 2018, 91, 54-63.	3.0	5
39	Sources of Radium Accumulation in Stream Sediments near Disposal Sites in Pennsylvania: Implications for Disposal of Conventional Oil and Gas Wastewater. Environmental Science & Technology, 2018, 52, 955-962.	10.0	45
40	Origin of Flowback and Produced Waters from Sichuan Basin, China. Environmental Science & Technology, 2018, 52, 14519-14527.	10.0	46
41	Strontium Isotope Ratios in Fish Otoliths as Biogenic Tracers of Coal Combustion Residual Inputs to Freshwater Ecosystems. Environmental Science and Technology Letters, 2018, 5, 718-723.	8.7	10
42	Regional patterns in the geochemistry of oil-field water, southern San Joaquin Valley, California, USA. Applied Geochemistry, 2018, 98, 127-140.	3.0	42
43	Large-Scale Uranium Contamination of Groundwater Resources in India. Environmental Science and Technology Letters, 2018, 5, 341-347.	8.7	139
44	The intensification of the water footprint of hydraulic fracturing. Science Advances, 2018, 4, eaar5982.	10.3	159
45	Response to Comments on â€œLarge-Scale Uranium Contamination of Groundwater Resources in Indiaâ€• Environmental Science and Technology Letters, 2018, 5, 593-594.	8.7	2
46	The Geochemistry of Hydraulic Fracturing Fluids. Procedia Earth and Planetary Science, 2017, 17, 21-24.	0.6	51
47	Biomarkers of chronic fluoride exposure in groundwater in a highly exposed population. Science of the Total Environment, 2017, 596-597, 1-11.	8.0	52
48	Regulated and unregulated halogenated disinfection byproduct formation from chlorination of saline groundwater. Water Research, 2017, 122, 633-644.	11.3	80
49	The geochemistry of naturally occurring methane and saline groundwater in an area of unconventional shale gas development. Geochimica Et Cosmochimica Acta, 2017, 208, 302-334.	3.9	121
50	Naturally Occurring versus Anthropogenic Sources of Elevated Molybdenum in Groundwater: Evidence for Geogenic Contamination from Southeast Wisconsin, United States. Environmental Science & Technology, 2017, 51, 12190-12199.	10.0	30
51	Environmental and Human Impacts of Unconventional Energy Development. Environmental Science & Technology, 2017, 51, 10271-10273.	10.0	11
52	Global biogeochemical cycle of vanadium. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E11092-E11100.	7.1	166
53	Naturally Occurring Radioactive Materials in Uranium-Rich Coals and Associated Coal Combustion Residues from China. Environmental Science & Technology, 2017, 51, 13487-13493.	10.0	41
54	The origin of geothermal waters in Morocco: Multiple isotope tracers for delineating sources of water-rock interactions. Applied Geochemistry, 2017, 84, 244-253.	3.0	23

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55	Debating Unconventional Energy: Social, Political, and Economic Implications. Annual Review of Environment and Resources, 2017, 42, 241-266.	13.4	33
56	Maternal blood cadmium, lead and arsenic levels, nutrient combinations, and offspring birthweight. BMC Public Health, 2017, 17, 354.	2.9	69
57	Quantity of flowback and produced waters from unconventional oil and gas exploration. Science of the Total Environment, 2017, 574, 314-321.	8.0	230
58	The Nexus of Energy and Water Quality. , 2017, , .		1
59	Water Availability for Shale Gas Development in Sichuan Basin, China. Environmental Science & Technology, 2016, 50, 2837-2845.	10.0	56
60	Brine Spills Associated with Unconventional Oil Development in North Dakota. Environmental Science & Technology, 2016, 50, 5389-5397.	10.0	204
61	Impacts of coal ash on methylmercury production and the methylating microbial community in anaerobic sediment slurries. Environmental Sciences: Processes and Impacts, 2016, 18, 1427-1439.	3.5	12
62	Origin of Hexavalent Chromium in Drinking Water Wells from the Piedmont Aquifers of North Carolina. Environmental Science and Technology Letters, 2016, 3, 409-414.	8.7	87
63	Global boron cycle in the Anthropocene. Global Biogeochemical Cycles, 2016, 30, 219-230.	4.9	34
64	Age Dating Oil and Gas Wastewater Spills Using Radium Isotopes and Their Decay Products in Impacted Soil and Sediment. Environmental Science and Technology Letters, 2016, 3, 205-209.	8.7	23
65	Evidence for Coal Ash Ponds Leaking in the Southeastern United States. Environmental Science & Technology, 2016, 50, 6583-6592.	10.0	85
66	Leaching potential and redox transformations of arsenic and selenium in sediment microcosms with fly ash. Applied Geochemistry, 2016, 67, 177-185.	3.0	43
67	Modeling the Recharge and the Renewal Rate Based on 3H and 14C Isotopes in the Coastal Aquifer of El Haouaria, Northern Tunisia. Procedia Earth and Planetary Science, 2015, 13, 199-202.	0.6	3
68	O, H, CDIC, Sr, B and 14C Isotope Fingerprinting of Deep Groundwaters in the Karoo Basin, South Africa as a Precursor to Shale Gas Exploration. Procedia Earth and Planetary Science, 2015, 13, 211-214.	0.6	3
69	The evolution of Devonian hydrocarbon gases in shallow aquifers of the northern Appalachian Basin: Insights from integrating noble gas and hydrocarbon geochemistry. Geochimica Et Cosmochimica Acta, 2015, 170, 321-355.	3.9	103
70	Characterisation of Radon Concentrations in Karoo Groundwater, South Africa, as a Prelude to Potential Shale-gas Development. Procedia Earth and Planetary Science, 2015, 13, 269-272.	0.6	3
71	Geographic clustering of elevated blood heavy metal levels in pregnant women. BMC Public Health, 2015, 15, 1035.	2.9	30
72	Pre-drilling background groundwater quality in the Deep River Triassic Basin of central North Carolina, USA. Applied Geochemistry, 2015, 60, 3-13.	3.0	10

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73	News & Views. Ground Water, 2015, 53, 19-28.	1.3	8
74	Direct measurement of the boron isotope fractionation factor: Reducing the uncertainty in reconstructing ocean paleo-pH. Earth and Planetary Science Letters, 2015, 414, 1-5.	4.4	66
75	Iodide, Bromide, and Ammonium in Hydraulic Fracturing and Oil and Gas Wastewaters: Environmental Implications. Environmental Science & Technology, 2015, 49, 1955-1963.	10.0	215
76	Arsenic exposure to drinking water in the Mekong Delta. Science of the Total Environment, 2015, 511, 544-552.	8.0	29
77	Comment on the German Draft Legislation on Hydraulic Fracturing: The Need for an Accurate State of Knowledge and for Independent Scientific Research. Environmental Science & Technology, 2015, 49, 6367-6369.	10.0	7
78	Water Footprint of Hydraulic Fracturing. Environmental Science and Technology Letters, 2015, 2, 276-280.	8.7	216
79	Maternal cadmium, iron and zinc levels, DNA methylation and birth weight. BMC Pharmacology & Toxicology, 2015, 16, 20.	2.4	95
80	Isotopic Fingerprints for Delineating the Environmental Effects of Hydraulic Fracturing Fluids. Procedia Earth and Planetary Science, 2015, 13, 244-247.	0.6	15
81	Assessment of Groundwater Salinity Mechanisms in the Coastal Aquifer of El Haouaria, Northern Tunisia. Procedia Earth and Planetary Science, 2015, 13, 194-198.	0.6	5
82	Elevated levels of diesel range organic compounds in groundwater near Marcellus gas operations are derived from surface activities. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 13184-13189.	7.1	130
83	Lithium Isotope Fingerprints in Coal and Coal Combustion Residuals from the United States. Procedia Earth and Planetary Science, 2015, 13, 134-137.	0.6	13
84	Naturally Occurring Radioactive Materials in Coals and Coal Combustion Residuals in the United States. Environmental Science & Technology, 2015, 49, 11227-11233.	10.0	71
85	Elucidating the sources and mechanisms of groundwater salinization in the Ziz Basin of southeastern Morocco. Environmental Earth Sciences, 2015, 73, 77-93.	2.7	22
86	Noble gases: a new technique for fugitive gas investigation in groundwater. Ground Water, 2015, 53, 23-8.	1.3	7
87	Noble gases identify the mechanisms of fugitive gas contamination in drinking-water wells overlying the Marcellus and Barnett Shales. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 14076-14081.	7.1	401
88	Arsenic exposure of rural populations from the Rift Valley of Ethiopia as monitored by keratin in toenails. Journal of Exposure Science and Environmental Epidemiology, 2014, 24, 121-126.	3.9	17
89	Boron and Strontium Isotopic Characterization of Coal Combustion Residuals: Validation of New Environmental Tracers. Environmental Science & Technology, 2014, 48, 14790-14798.	10.0	47
90	The effect of non-fluoride factors on risk of dental fluorosis: Evidence from rural populations of the Main Ethiopian Rift. Science of the Total Environment, 2014, 488-489, 595-606.	8.0	26

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91	Salinization and Saline Environments. , 2014, , 325-378.		49
92	A review of the health impacts of barium from natural and anthropogenic exposure. Environmental Geochemistry and Health, 2014, 36, 797-814.	3.4	221
93	New Tracers Identify Hydraulic Fracturing Fluids and Accidental Releases from Oil and Gas Operations. Environmental Science & Technology, 2014, 48, 12552-12560.	10.0	136
94	Boron isotopic geochemistry of the McMurdo Dry Valley lakes, Antarctica. Chemical Geology, 2014, 386, 152-164.	3.3	11
95	Response to Comment on â€œHigh Naturally Occurring Radioactivity in Fossil Groundwater from the Middle Eastâ€• Environmental Science & Technology, 2014, 48, 9946-9947.	10.0	1
96	Enhanced Formation of Disinfection Byproducts in Shale Gas Wastewater-Impacted Drinking Water Supplies. Environmental Science & Technology, 2014, 48, 11161-11169.	10.0	157
97	Fluoride exposure from groundwater as reflected by urinary fluoride and children's dental fluorosis in the Main Ethiopian Rift Valley. Science of the Total Environment, 2014, 496, 188-197.	8.0	50
98	The Environmental Costs and Benefits of Fracking. Annual Review of Environment and Resources, 2014, 39, 327-362.	13.4	350
99	A Critical Review of the Risks to Water Resources from Unconventional Shale Gas Development and Hydraulic Fracturing in the United States. Environmental Science & Technology, 2014, 48, 8334-8348.	10.0	1,217
100	Radium and Barium Removal through Blending Hydraulic Fracturing Fluids with Acid Mine Drainage. Environmental Science & Technology, 2014, 48, 1334-1342.	10.0	82
101	Mobilization of arsenic and other naturally occurring contaminants in groundwater of the Main Ethiopian Rift aquifers. Water Research, 2013, 47, 5801-5818.	11.3	106
102	Impacts of Shale Gas Wastewater Disposal on Water Quality in Western Pennsylvania. Environmental Science & Technology, 2013, 47, 11849-11857.	10.0	466
103	Integration of geochemical and isotopic tracers for elucidating water sources and salinization of shallow aquifers in the sub-Saharan DrÃ¢a Basin, Morocco. Applied Geochemistry, 2013, 34, 140-151.	3.0	52
104	Increased stray gas abundance in a subset of drinking water wells near Marcellus shale gas extraction. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 11250-11255.	7.1	483
105	Occurrence and mobilization of radium in fresh to saline coastal groundwater inferred from geochemical and isotopic tracers (Sr, S, O, H, Ra, Rn). Applied Geochemistry, 2013, 38, 161-175.	3.0	78
106	Selenium Speciation in Coal Ash Spilled at the Tennessee Valley Authority Kingston Site. Environmental Science & Technology, 2013, 47, 14001-14009.	10.0	43
107	Isotopic Imprints of Mountaintop Mining Contaminants. Environmental Science & Technology, 2013, 47, 10041-10048.	10.0	32
108	Geochemical and isotopic variations in shallow groundwater in areas of the Fayetteville Shale development, north-central Arkansas. Applied Geochemistry, 2013, 35, 207-220.	3.0	134

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109	Interlaboratory comparison of boron isotope analyses of boric acid, seawater and marine CaCO3 by MC-ICPMS and NTIMS. Chemical Geology, 2013, 358, 1-14.	3.3	112
110	The Effects of Shale Gas Exploration and Hydraulic Fracturing on the Quality of Water Resources in the United States. Procedia Earth and Planetary Science, 2013, 7, 863-866.	0.6	181
111	Environmental Impacts of the Tennessee Valley Authority Kingston Coal Ash Spill. 2. Effect of Coal Ash on Methylmercury in Historically Contaminated River Sediments. Environmental Science & Technology, 2013, 47, 2100-2108.	10.0	34
112	Environmental Impacts of the Tennessee Valley Authority Kingston Coal Ash Spill. 1. Source Apportionment Using Mercury Stable Isotopes. Environmental Science & Technology, 2013, 47, 2092-2099.	10.0	69
113	Reply to Engelder: Potential for fluid migration from the Marcellus Formation remains possible. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, .	7.1	18
114	Geochemical evidence for possible natural migration of Marcellus Formation brine to shallow aquifers in Pennsylvania. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 11961-11966.	7.1	442
115	The Impact of Coal Combustion Residue Effluent on Water Resources: A North Carolina Example. Environmental Science & Technology, 2012, 46, 12226-12233.	10.0	85
116	Implications of carbonate-like geochemical signatures in a sandstone aquifer: Radium and strontium isotopes in the Cambrian Jordan aquifer (Minnesota, USA). Chemical Geology, 2012, 334, 280-294.	3.3	29
117	Groundwater quality and its health impact: An assessment of dental fluorosis in rural inhabitants of the Main Ethiopian Rift. Environment International, 2012, 43, 37-47.	10.0	139
118	Geochemical and isotopic (oxygen, hydrogen, carbon, strontium) constraints for the origin, salinity, and residence time of groundwater from a carbonate aquifer in the Western Anti-Atlas Mountains, Morocco. Journal of Hydrology, 2012, 438-439, 97-111.	5.4	56
119	Methane contamination of drinking water accompanying gas-well drilling and hydraulic fracturing. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 8172-8176.	7.1	1,027
120	Arsenic and other oxyanion-forming trace elements in an alluvial basin aquifer: Evaluating sources and mobilization by isotopic tracers (Sr, B, S, O, H, Ra). Applied Geochemistry, 2011, 26, 1364-1376.	3.0	26
121	Climate change, water resources, and the politics of adaptation in the Middle East and North Africa. Climatic Change, 2011, 104, 599-627.	3.6	296
122	Evaluating salinity sources of groundwater and implications for sustainable reverse osmosis desalination in coastal North Carolina, USA. Hydrogeology Journal, 2011, 19, 981-994.	2.1	11
123	Reply to Davies: Hydraulic fracturing remains a possible mechanism for observed methane contamination of drinking water. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, .	7.1	11
124	Reply to Saba and Orzechowski and Schon: Methane contamination of drinking water accompanying gas-well drilling and hydraulic fracturing. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, E665-E666.	7.1	37
125	Cumulative impacts of mountaintop mining on an Appalachian watershed. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 20929-20934.	7.1	221
126	The Effectiveness of Arsenic Remediation from Groundwater in a Private Home. Ground Water Monitoring and Remediation, 2010, 30, 87-93.	0.8	13

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127	Environmental Impacts of the Coal Ash Spill in Kingston, Tennessee: An 18-Month Survey. Environmental Science & Technology, 2010, 44, 9272-9278.	10.0	137
128	Origin and residence time of groundwater in the Tadla basin (Morocco) using multiple isotopic and geochemical tools. Journal of Hydrology, 2009, 379, 323-338.	5.4	90
129	High Naturally Occurring Radioactivity in Fossil Groundwater from the Middle East. Environmental Science & Technology, 2009, 43, 1769-1775.	10.0	82
130	Relationships between radium and radon occurrence and hydrochemistry in fresh groundwater from fractured crystalline rocks, North Carolina (USA). Chemical Geology, 2009, 260, 159-171.	3.3	110
131	Survey of the Potential Environmental and Health Impacts in the Immediate Aftermath of the Coal Ash Spill in Kingston, Tennessee. Environmental Science & Technology, 2009, 43, 6326-6333.	10.0	157
132	Quantifying saline groundwater flow into a freshwater lake using the Ra isotope quartet: A case study from the Sea of Galilee (Lake Kinneret), Israel. Limnology and Oceanography, 2009, 54, 119-131.	3.1	10
133	Application of multiple isotopic and geochemical tracers for investigation of recharge, salinization, and residence time of water in the Soussâ€"Massa aquifer, southwest of Morocco. Journal of Hydrology, 2008, 352, 267-287.	5.4	225
134	Radon transfer from groundwater used in showers to indoor air. Applied Geochemistry, 2008, 23, 2676-2685.	3.0	22
135	Isotope and Ion Selectivity in Reverse Osmosis Desalination: Geochemical Tracers for Man-made Freshwater. Environmental Science & Technology, 2008, 42, 4723-4731.	10.0	38
136	The geochemistry of groundwater resources in the Jordan Valley: The impact of the Rift Valley brines. Applied Geochemistry, 2007, 22, 494-514.	3.0	33
137	New isotopic evidence for the origin of groundwater from the Nubian Sandstone Aquifer in the Negev, Israel. Applied Geochemistry, 2007, 22, 1052-1073.	3.0	72
138	A<scp>uthors</scp>â€™ R<scp>eply</scp>. Ground Water, 2007, 45, 662-663.	1.3	0
139	The Water Crisis in the Gaza Strip: Prospects for Resolution. Ground Water, 2005, 43, 653-660.	1.3	46
140	The EU Drinking Water Directive: the boron standard and scientific uncertainty. Environmental Policy and Governance, 2005, 15, 1-12.	0.3	59
141	Quantifying Ground Water Inputs along the Lower Jordan River. Journal of Environmental Quality, 2005, 34, 897-906.	2.0	24
142	The impact of freshwater and wastewater irrigation on the chemistry of shallow groundwater: a case study from the Israeli Coastal Aquifer. Journal of Hydrology, 2005, 300, 314-331.	5.4	145
143	Management scenarios for the Jordan River salinity crisis. Applied Geochemistry, 2005, 20, 2138-2153.	3.0	17
144	Sources of salinity and boron in the Gaza strip: Natural contaminant flow in the southern Mediterranean coastal aquifer. Water Resources Research, 2005, 41, .	4.2	115

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145	Sources and Transformations of Nitrogen Compounds along the Lower Jordan River. Journal of Environmental Quality, 2004, 33, 1440-1451.	2.0	21
146	A new methodology for removal of boron from water by coal and fly ash. Desalination, 2004, 164, 173-188.	8.2	119
147	The origin and mechanisms of salinization of the lower Jordan river. Geochimica Et Cosmochimica Acta, 2004, 68, 1989-2006.	3.9	89
148	THE LOWER JORDAN RIVER. , 2004, , .		0
149	Reply to the comment on â€œGeochemical constraints for the origin of thermal waters from western Turkeyâ€•by Umran Serpen and Tahir Ã–ngÃ¼r. Applied Geochemistry, 2003, 18, 1117-1119.	3.0	3
150	Salinization and Saline Environments. , 2003, , 1-35.		38
151	A multi-isotope (B, Sr, O, H, and C) and age dating (3H-3He and14C) study of groundwater from Salinas Valley, California: Hydrochemistry, dynamics, and contamination processes. Water Resources Research, 2002, 38, 9-1-9-17.	4.2	156
152	Geochemical constraints for the origin of thermal waters from western Turkey. Applied Geochemistry, 2002, 17, 163-183.	3.0	151
153	Water Sources and Quality along the Lower Jordan River, Regional Study. , 2002, , 127-148.		3
154	Chloride-bromide-Î´11 B systematics of a thick clay-rich aquitard system. Water Resources Research, 2001, 37, 1437-1444.	4.2	17
155	Radiocarbon in Seawater Intruding into the Israeli Mediterranean Coastal Aquifer. Radiocarbon, 2001, 43, 773-781.	1.8	32
156	Sources of Salinity in Ground Water from Jericho Area, Jordan Valley. Ground Water, 2001, 39, 240-248.	1.3	79
157	New evidence for the origin of hypersaline pore fluids in the Mediterranean basin. Chemical Geology, 2000, 163, 287-298.	3.3	24
158	Î´11B, Rare Earth Elements, Î´37Cl, 32Si, 35S, 129I. , 2000, , 479-510.		4
159	Boron Isotopic Composition of Freshwater Lakes from Central Europe and Possible Contamination Sources. Clean - Soil, Air, Water, 1999, 27, 416-421.	0.6	44
160	Geochemical Investigations. Theory and Applications of Transport in Porous Media, 1999, , 51-71.	0.4	97
161	Geochemical and boron, strontium, and oxygen isotopic constraints on the origin of the salinity in groundwater from the Mediterranean Coast of Israel. Water Resources Research, 1999, 35, 1877-1894.	4.2	210
162	Chloride/Bromide and Chloride/Fluoride Ratios of Domestic Sewage Effluents and Associated Contaminated Ground Water. Ground Water, 1998, 36, 815-824.	1.3	153

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163	The isotopic composition of anthropogenic boron and its potential impact on the environment. Biological Trace Element Research, 1998, 66, 145-151.	3.5	29
164	Boron isotope and geochemical evidence for the origin of Urania and Bannock brines at the eastern Mediterranean: effect of water-rock interactions. Geochimica Et Cosmochimica Acta, 1998, 62, 3221-3228.	3.9	70
165	Chemical modifications of groundwater contaminated by recharge of treated sewage effluent. Journal of Contaminant Hydrology, 1996, 23, 347-360.	3.3	74
166	Determination of boron isotopic variations in aquatic systems with negative thermal ionization mass spectrometry as a tracer for anthropogenic influences. Analytical and Bioanalytical Chemistry, 1996, 354, 903-909.	3.7	52
167	Chemical and boron isotope compositions of non-marine brines from the Qaidam Basin, Qinghai, China. Chemical Geology, 1995, 120, 135-154.	3.3	110
168	Recent developments in thermal ionization mass spectrometric techniques for isotope analysis. A review. Analyst, The, 1995, 120, 1291.	3.5	77
169	The origin of Mediterranean interstitial watersâ€"relics of ancient Miocene brines: A re-evaluation. Earth and Planetary Science Letters, 1994, 121, 613-627.	4.4	26
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