

# Erik J Oerter

## List of Publications by Year in descending order

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26  
papers

658  
citations

759233

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580821

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docs citations

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times ranked

855  
citing authors

#	ARTICLE	IF	CITATIONS
1	Oxygen Isotope Fractionation in $U_3O_8$ during Thermal Processing in Humid Atmospheres. ACS Omega, 2022, 7, 3462-3469.	3.5	7
2	Stable isotope signatures of hydration water in secondary mineralization on $UO_2$ . Talanta, 2021, 226, 122096.	5.5	8
3	Fractionation of Oxygen Isotopes in Uranium Oxides during Peroxide Precipitation and Dry Air Calcination. ACS Earth and Space Chemistry, 2021, 5, 1622-1630.	2.7	9
4	Vegetation water sources in California's Sierra Nevada ( USA ) are young and change over time, a multi-isotope ( $\delta^{18}O$ , $\delta^2H$ , $\delta^3H$ ) tracer approach.. Hydrological Processes, 2021, 35, e14249.	2.6	7
5	Hydraulic redistribution by deeply rooted grasses and its ecohydrologic implications in the southern Great Plains of North America. Hydrological Processes, 2021, 35, e14366.	2.6	5
6	Active microbial biomass decreases, but microbial growth potential remains similar across soil depth profiles under deeply-vs. shallow-rooted plants. Soil Biology and Biochemistry, 2021, 162, 108401.	8.8	13
7	Oxygen Kinetic Isotope Effects in the Thermal Decomposition and Reduction of Ammonium Diuranate. ACS Omega, 2021, 6, 30856-30864.	3.5	6
8	Hydrogen and oxygen stable isotope composition of water in metaschoepite mineralization on $U_3O_8$ . Applied Geochemistry, 2020, 112, 104469.	3.0	12
9	Spatiotemporal variability in water sources of urban soils and trees in the semiarid, irrigated Salt Lake Valley. Ecohydrology, 2019, 12, e2154.	2.4	17
10	Spatiotemporal heterogeneity in soil water stable isotopic composition and its ecohydrologic implications in semiarid ecosystems. Hydrological Processes, 2019, 33, 1724-1738.	2.6	65
11	Soil water vapour isotopes identify missing water source for streamside trees. Ecohydrology, 2019, 12, e2083.	2.4	43
12	Water vapor exposure chamber for constant humidity and hydrogen and oxygen stable isotope composition. Rapid Communications in Mass Spectrometry, 2019, 33, 89-96.	1.5	7
13	Greenhouse Gas Production and Transport in Desert Soils of the Southwestern United States. Global Biogeochemical Cycles, 2018, 32, 1703-1717.	4.9	7
14	Inferring the source of evaporated waters using stable H and O isotopes. Oecologia, 2018, 187, 1025-1039.	2.0	82
15	Hydrogen and oxygen stable isotope dynamics of hyper-saline and salt-saturated aqueous solutions. Geochimica Et Cosmochimica Acta, 2018, 238, 316-328.	3.9	11
16	In situ monitoring of H and O stable isotopes in soil water reveals ecohydrologic dynamics in managed soil systems. Ecohydrology, 2017, 10, e1841.	2.4	84
17	Hydrogen and oxygen stable isotope signatures of goethite hydration waters by thermogravimetry-enabled laser spectroscopy. Chemical Geology, 2017, 475, 14-23.	3.3	17
18	Membrane inlet laser spectroscopy to measure H and O stable isotope compositions of soil and sediment pore water with high sample throughput. Rapid Communications in Mass Spectrometry, 2017, 31, 75-84.	1.5	32

#	ARTICLE	IF	CITATIONS
19	Every apple has a voice: using stable isotopes to teach about food sourcing and the water cycle. <i>Hydrology and Earth System Sciences</i> , 2017, 21, 3799-3810.	4.9	8
20	Relict soil evidence for profound quaternary aridification of the Atacama Desert, Chile. <i>Geoderma</i> , 2016, 267, 196-206.	5.1	13
21	Pedothem carbonates reveal anomalous North American atmospheric circulation 70,000–55,000 years ago. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 919-924.	7.1	27
22	Early to Middle Miocene climate in the Atacama Desert of Northern Chile. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2016, 441, 890-900.	2.3	18
23	Climate controls on spatial and temporal variations in the formation of pedogenic carbonate in the western Great Basin of North America. <i>Bulletin of the Geological Society of America</i> , 2016, 128, 1095-1104.	3.3	25
24	EXPLORING PHYSICAL AND BIOLOGICAL CONNECTIONS USING ISOMAP. , 2016, , .		0
25	Oxygen isotope fractionation effects in soil water via interaction with cations (Mg, Ca, K, Na) adsorbed to phyllosilicate clay minerals. <i>Journal of Hydrology</i> , 2014, 515, 1-9.	5.4	128
26	A method for quantitative pyrite abundance in mine rock piles by powder X-ray diffraction and Rietveld refinement. <i>Applied Geochemistry</i> , 2007, 22, 2907-2925.	3.0	7