

Geoff Koehler

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

541
citations

687220

13
h-index

642610

23
g-index

24
all docs

24
docs citations

24
times ranked

693
citing authors

#	ARTICLE	IF	CITATIONS
1	Re-evaluation of the hydrogen stable isotopic composition of keratin calibration standards for wildlife and forensic science applications. <i>Rapid Communications in Mass Spectrometry</i> , 2017, 31, 1193-1203.	0.7	90
2	An On-Line Technique for the Determination of the $\delta^{18}\text{O}$ and $\delta^{17}\text{O}$ of Gaseous and Dissolved Oxygen. <i>Analytical Chemistry</i> , 1999, 71, 4965-4968.	3.2	75
3	Spatio-temporal variation of nitrate sources to Lake Winnipeg using N and O isotope ($\delta^{15}\text{N}$, $\delta^{18}\text{O}$) analyses. <i>Science of the Total Environment</i> , 2019, 647, 486-493.	3.9	54
4	On the use of stable oxygen isotope ($\delta^{18}\text{O}$) measurements for tracking avian movements in North America. <i>Ecology and Evolution</i> , 2015, 5, 799-806.	0.8	52
5	An Automated Technique for Measuring δD and $\delta^{18}\text{O}$ Values of Porewater by Direct CO_2 and H_2 Equilibration. <i>Analytical Chemistry</i> , 2000, 72, 5659-5664.	3.2	40
6	The stable isotopic composition ($^{37}\text{Cl}/^{35}\text{Cl}$) of dissolved chloride in rainwater. <i>Applied Geochemistry</i> , 2010, 25, 91-96.	1.4	35
7	On-Line Technique for the Determination of the $\delta^{37}\text{Cl}$ of Inorganic and Total Organic Cl in Environmental Samples. <i>Analytical Chemistry</i> , 2004, 76, 6384-6388.	3.2	33
8	Realtime Stable Isotope Monitoring of Natural Waters by Parallel-Flow Laser Spectroscopy. <i>Analytical Chemistry</i> , 2011, 83, 913-919.	3.2	24
9	Measurement of stable isotope activities in saline aqueous solutions using optical spectroscopy methods. <i>Isotopes in Environmental and Health Studies</i> , 2013, 49, 378-386.	0.5	17
10	Combining Denitrifying Bacteria and Laser Spectroscopy for Isotopic Analyses ($\delta^{15}\text{N}$, $\delta^{18}\text{O}$) in Groundwater. <i>Environmental Science and Technology</i> , 2016, 50, 10110-10116.	3.2	16
11	Geographical assignment of polar bears using multi-element isoscapes. <i>Scientific Reports</i> , 2019, 9, 9390.	1.6	15
12	Determination of the Hydrogen Isotopic Compositions of Organic Materials and Hydrous Minerals Using Thermal Combustion Laser Spectroscopy. <i>Analytical Chemistry</i> , 2012, 84, 3640-3645.	3.2	14
13	Organic contamination detection for isotopic analysis of water by laser spectroscopy. <i>Rapid Communications in Mass Spectrometry</i> , 2021, 35, e9118.	0.7	14
14	Flyway population delineation in Taiga Bean Geese <i>Anser fabalis fabalis</i> revealed by multi-element feather stable isotope analysis. <i>Ibis</i> , 2017, 159, 66-75.	1.0	13
15	Content, composition, and transfer of polyunsaturated fatty acids in an Arctic lake food web. <i>Ecosphere</i> , 2022, 13, .	1.0	11
16	Subsurface hydrology of tile-drained headwater catchments: Compatibility of concepts and hydrochemistry. <i>Hydrological Processes</i> , 2021, 35, e14342.	1.1	8
17	Snow gauge undercatch and its effect on the hydrogen and oxygen stable isotopic composition of precipitation. <i>Isotopes in Environmental and Health Studies</i> , 2019, 55, 404-418.	0.5	7
18	Effects of tanning on the stable isotopic compositions of hair. <i>Forensic Science International</i> , 2018, 292, 78-82.	1.3	6

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19	The significance of hydrogen and oxygen stable isotopic fractionations between carnallite and brine at low temperature: Experimental and empirical results. <i>Geochimica Et Cosmochimica Acta</i> , 1996, 60, 2721-2726.	1.6	5
20	Tracking cats revisited: Placing terrestrial mammalian carnivores on $\delta^2\text{H}$ and $\delta^{18}\text{O}$ isoscapes. <i>PLoS ONE</i> , 2019, 14, e0221876.	1.1	5
21	Fate of bioavailable nutrients released to a stream during episodic effluent releases from a municipal wastewater treatment lagoon. <i>Environmental Sciences: Processes and Impacts</i> , 2020, 22, 2374-2387.	1.7	3
22	Contribution of nitrogen sources to streams in mixed-use catchments varies seasonally in a cold temperate region. <i>Science of the Total Environment</i> , 2021, 764, 142824.	3.9	2
23	Foreword to the second Lake Winnipeg special issue. <i>Journal of Great Lakes Research</i> , 2021, 47, 553-555.	0.8	2