

# David X Soto

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9197116/publications.pdf>

Version: 2024-02-01

36  
papers

1,193  
citations

471061

17  
h-index

395343

33  
g-index

41  
all docs

41  
docs citations

41  
times ranked

1600  
citing authors

#	ARTICLE	IF	CITATIONS
1	Shrub expansion modulates belowground impacts of changing snow conditions in alpine grasslands. <i>Ecology Letters</i> , 2022, 25, 52-64.	3.0	10
2	Drought altered trophic dynamics of an important natural saline lake: A stable isotope approach. <i>Science of the Total Environment</i> , 2022, 834, 155338.	3.9	5
3	Functional and trophic diversity of tropical headwater stream communities inferred from carbon, nitrogen and hydrogen stable isotope ratios. <i>Food Webs</i> , 2021, 26, e00181.	0.5	4
4	<i>Phragmites australis</i> as a dual indicator (air and sediment) of trace metal pollution in wetlands – the key case of Flix reservoir (Ebro River). <i>Science of the Total Environment</i> , 2021, 765, 142789.	3.9	8
5	Contemporary systematics of vadose zone nitrate capture by speleothem carbonate. <i>Chemical Geology</i> , 2021, 571, 120172.	1.4	2
6	Environmental isotope applications in Latin America and the Caribbean region. <i>Isotopes in Environmental and Health Studies</i> , 2020, 56, 387-390.	0.5	3
7	Agricultural and urban delivered nitrate pollution input to Mediterranean temporary freshwaters. <i>Agriculture, Ecosystems and Environment</i> , 2020, 294, 106859.	2.5	53
8	A biological and nitrate isotopic assessment framework to understand eutrophication in aquatic ecosystems. <i>Science of the Total Environment</i> , 2020, 715, 136909.	3.9	82
9	Stable Isotope Analysis Supports First Occurrence of a Wild-Origin Greylag Goose ( <i>Anser anser</i> ) to Make Landfall in North America. <i>Waterbirds</i> , 2020, 43, 107.	0.2	0
10	Spatio-temporal variation of nitrate sources to Lake Winnipeg using N and O isotope ( $\delta^{15}N$ , $\delta^{18}O$ ) analyses. <i>Science of the Total Environment</i> , 2019, 647, 486-493.	3.9	54
11	Terrestrial contributions to Afrotropical aquatic food webs: The Congo River case. <i>Ecology and Evolution</i> , 2019, 9, 10746-10757.	0.8	14
12	Isoscape Computation and Inference of Spatial Origins With Mixed Models Using the R package IsoriX. , 2019, , 207-236.		19
13	Aquatic food web dynamics following incorporation of nutrients derived from Atlantic anadromous fishes. <i>Journal of Fish Biology</i> , 2018, 92, 399-419.	0.7	20
14	Spring temperature, migration chronology, and nutrient allocation to eggs in three species of arctic nesting geese: Implications for resilience to climate warming. <i>Global Change Biology</i> , 2018, 24, 5056-5071.	4.2	22
15	Ocean warming cannot explain synchronous declines in North American Atlantic salmon populations. <i>Marine Ecology - Progress Series</i> , 2018, 601, 203-213.	0.9	19
16	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
17	Dietary composition of endangered seahorses determined by stable isotope analysis. <i>Marine and Freshwater Research</i> , 2017, 68, 831.	0.7	18
18	Introduction to Stable Isotopes in Food Webs. , 2017, , 63-94.		2

#	ARTICLE	IF	CITATIONS
19	Expanding the Isotopic Toolbox: Applications of Hydrogen and Oxygen Stable Isotope Ratios to Food Web Studies. <i>Frontiers in Ecology and Evolution</i> , 2016, 4, .	1.1	95
20	Trace metal accumulation as complementary dietary information for the isotopic analysis of complex food webs. <i>Methods in Ecology and Evolution</i> , 2016, 7, 910-918.	2.2	13
21	Using hydrogen isotopes of freshwater fish tissue as a tracer of provenance. <i>Ecology and Evolution</i> , 2016, 6, 7776-7782.	0.8	15
22	Long-distance autumn migration across the Sahara by painted lady butterflies: exploiting resource pulses in the tropical savannah. <i>Biology Letters</i> , 2016, 12, 20160561.	1.0	54
23	Groundwater nitrate and chloride trends in an agriculture-intensive area in southern Alberta, Canada. <i>Water Quality Research Journal of Canada</i> , 2016, 51, 47-59.	1.2	21
24	Recent occurrences of wild-origin wolves (&em&gt;Canis&lt;/em&gt; spp.) in Canada south of the St. Lawrence River revealed by stable isotope and genetic analysis. <i>Canadian Field-Naturalist</i> , 2015, 129, 386.	0.0	3
25	Small Tails Tell Tall Tales â€“ Intra-Individual Variation in the Stable Isotope Values of Fish Fin. <i>PLoS ONE</i> , 2015, 10, e0145154.	1.1	27
26	Combining Denitrifying Bacteria and Laser Spectroscopy for Isotopic Analyses ( $\delta^{15}\text{N}$ ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	3.2	16
27	The influence of metabolic effects on stable hydrogen isotopes in tissues of aquatic organisms. <i>Isotopes in Environmental and Health Studies</i> , 2013, 49, 305-311.	0.5	16
28	Stable hydrogen and oxygen isotopes in aquatic food webs are tracers of diet and provenance. <i>Functional Ecology</i> , 2013, 27, 535-543.	1.7	89
29	An isotopic baseline ( $\delta^{13}\text{C}$ , $\delta^{15}\text{N}$ ) for fishes of Lake Winnipeg: Implications for investigating impacts of eutrophication and invasive species. <i>Journal of Great Lakes Research</i> , 2012, 38, 58-65.	0.8	29
30	Isotopic Evidence That Dragonflies ( <i>Pantala flavescens</i> ) Migrating through the Maldives Come from the Northern Indian Subcontinent. <i>PLoS ONE</i> , 2012, 7, e52594.	1.1	66
31	A featherâ€“precipitation hydrogen isoscape model for New Zealand: implications for ecoâ€“forensics. <i>Ecosphere</i> , 2012, 3, 1-13.	1.0	7
32	A dragonfly ( $\delta^2\text{H}$ ) isoscape for North America: a new tool for determining natal origins of migratory aquatic emergent insects. <i>Methods in Ecology and Evolution</i> , 2012, 3, 766-772.	2.2	58
33	Differential accumulation of mercury and other trace metals in the food web components of a reservoir impacted by a chlor-alkali plant (Flix, Ebro River, Spain): Implications for biomonitoring. <i>Environmental Pollution</i> , 2011, 159, 1481-1489.	3.7	49
34	Effects of size and diet on stable hydrogen isotope values ( $\delta^2\text{H}$ ) in fish: implications for tracing origins of individuals and their food sources. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2011, 68, 2011-2019.	0.7	35
35	Contaminant accumulation and multi-biomarker responses in field collected zebra mussels ( <i>Dreissena</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 hazardous dumps in the Ebro river (NE Spain). <i>Chemosphere</i> , 2010, 78, 232-240.	4.2	96
36	Assessment of mercury and methylmercury pollution with zebra mussel ( <i>Dreissena polymorpha</i> ) in the Ebro River (NE Spain) impacted by industrial hazardous dumps. <i>Science of the Total Environment</i> , 2008, 407, 178-184.	3.9	78