

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	Contaminant accumulation and multi-biomarker responses in field collected zebra mussels (<i>Dreissena</i>) Tj ETQq1 1 hazardous dumps in the Ebro river (NE Spain). <i>Chemosphere</i> , 2010, 78, 232-240.	0.784314 4.2	rgBT /Over 96
2	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
3	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
4	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
5	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
6	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
7	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
8	A dragonfly (<i>Pantala flavescens</i>) 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
9	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
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	Agricultural and urban delivered nitrate pollution input to Mediterranean temporary freshwaters. <i>Agriculture, Ecosystems and Environment</i> , 2020, 294, 106859.	2.5	53
12	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
13	Effects of size and diet on stable hydrogen isotope values (δ^2H) 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
14	An isotopic baseline ($\delta^{13}C$, $\delta^{15}N$) 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
15	Small Tails Tell Tall Tales – Intra-Individual Variation in the Stable Isotope Values of Fish Fin. <i>PLoS ONE</i> , 2015, 10, e0145154.	1.1	27
16	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
17	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
18	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

#	ARTICLE	IF	CITATIONS
19	Isoscape Computation and Inference of Spatial Origins With Mixed Models Using the R package IsoriX. , 2019, , 207-236.		19
20	Ocean warming cannot explain synchronous declines in North American Atlantic salmon populations. Marine Ecology - Progress Series, 2018, 601, 203-213.	0.9	19
21	Dietary composition of endangered seahorses determined by stable isotope analysis. Marine and Freshwater Research, 2017, 68, 831.	0.7	18
22	The influence of metabolic effects on stable hydrogen isotopes in tissues of aquatic organisms. Isotopes in Environmental and Health Studies, 2013, 49, 305-311.	0.5	16
23	Combining Denitrifying Bacteria and Laser Spectroscopy for Isotopic Analyses ($\delta^{15}\text{N}$). Tj ETQq1 1 0.784314 rgBJ /Overl	3.2	16
24	Using hydrogen isotopes of freshwater fish tissue as a tracer of provenance. Ecology and Evolution, 2016, 6, 7776-7782.	0.8	15
25	Terrestrial contributions to Afrotropical aquatic food webs: The Congo River case. Ecology and Evolution, 2019, 9, 10746-10757.	0.8	14
26	Trace metal accumulation as complementary dietary information for the isotopic analysis of complex food webs. Methods in Ecology and Evolution, 2016, 7, 910-918.	2.2	13
27	Shrub expansion modulates belowground impacts of changing snow conditions in alpine grasslands. Ecology Letters, 2022, 25, 52-64.	3.0	10
28	Phragmites australis as a dual indicator (air and sediment) of trace metal pollution in wetlands â€” the key case of Flix reservoir (Ebro River). Science of the Total Environment, 2021, 765, 142789.	3.9	8
29	A featherâ€”precipitation hydrogen isoscape model for New Zealand: implications for ecoâ€”forensics. Ecosphere, 2012, 3, 1-13.	1.0	7
30	Drought altered trophic dynamics of an important natural saline lake: A stable isotope approach. Science of the Total Environment, 2022, 834, 155338.	3.9	5
31	Functional and trophic diversity of tropical headwater stream communities inferred from carbon, nitrogen and hydrogen stable isotope ratios. Food Webs, 2021, 26, e00181.	0.5	4
32	Recent occurrences of wild-origin wolves (Canis spp.) in Canada south of the St. Lawrence River revealed by stable isotope and genetic analysis. Canadian Field-Naturalist, 2015, 129, 386.	0.0	3
33	Environmental isotope applications in Latin America and the Caribbean region. Isotopes in Environmental and Health Studies, 2020, 56, 387-390.	0.5	3
34	Contemporary systematics of vadose zone nitrate capture by speleothem carbonate. Chemical Geology, 2021, 571, 120172.	1.4	2
35	Introduction to Stable Isotopes in Food Webs. , 2017, , 63-94.		2
36	Stable Isotope Analysis Supports First Occurrence of a Wild-Origin Greylag Goose (Anser anser) to Make Landfall in North America. Waterbirds, 2020, 43, 107.	0.2	0