

# Tracey B Schock

## List of Publications by Year in descending order

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Version: 2024-02-01

23  
papers

776  
citations

687363

13  
h-index

642732

23  
g-index

23  
all docs

23  
docs citations

23  
times ranked

1376  
citing authors

#	ARTICLE	IF	CITATIONS
1	Metabolite Profiling of a NIST Standard Reference Material for Human Plasma (SRM 1950): GC-MS, LC-MS, NMR, and Clinical Laboratory Analyses, Libraries, and Web-Based Resources. <i>Analytical Chemistry</i> , 2013, 85, 11725-11731.	6.5	240
2	NMR-Based Microbial Metabolomics and the Temperature-Dependent Coral Pathogen <i>Vibrio coralliilyticus</i> . <i>Environmental Science &amp; Technology</i> , 2009, 43, 7658-7664.	10.0	72
3	Metabolomic analysis of Atlantic blue crab, <i>Callinectes sapidus</i> , hemolymph following oxidative stress. <i>Metabolomics</i> , 2010, 6, 250-262.	3.0	54
4	An NMR-based metabolomic assessment of cultured cobia health in response to dietary manipulation. <i>Food Chemistry</i> , 2012, 133, 90-101.	8.2	54
5	Evaluation of Pacific White Shrimp ( <i>Litopenaeus vannamei</i> ) Health during a Superintensive Aquaculture Growout Using NMR-Based Metabolomics. <i>PLoS ONE</i> , 2013, 8, e59521.	2.5	50
6	Application of NMR-based metabolomics for environmental assessment in the Great Lakes using zebra mussel ( <i>Dreissena polymorpha</i> ). <i>Metabolomics</i> , 2015, 11, 1302-1315.	3.0	48
7	Reference materials for MS-based untargeted metabolomics and lipidomics: a review by the metabolomics quality assurance and quality control consortium (mQACC). <i>Metabolomics</i> , 2022, 18, 24.	3.0	43
8	Trace element biodistribution in the American alligator ( <i>Alligator mississippiensis</i> ). <i>Chemosphere</i> , 2017, 181, 343-351.	8.2	27
9	Identification of Trichotoxin, a Novel Chlorinated Compound Associated with the Bloom Forming Cyanobacterium, <i>Trichodesmium thiebautii</i> . <i>Environmental Science &amp; Technology</i> , 2011, 45, 7503-7509.	10.0	22
10	Rapid and reliable steroid hormone profiling in <i>Tursiops truncatus</i> blubber using liquid chromatography tandem mass spectrometry (LC-MS/MS). <i>Analytical and Bioanalytical Chemistry</i> , 2017, 409, 5019-5029.	3.7	22
11	Examining toxic trace element exposure in American alligators. <i>Environment International</i> , 2019, 128, 324-334.	10.0	21
12	Evaluating mercury concentrations and body condition in American alligators ( <i>Alligator</i> ) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 307 Td (m</i> <i>Environment</i> , 2017, 607-608, 1056-1064.	8.0	19
13	Remote blubber sampling paired with liquid chromatography tandem mass spectrometry for steroidal endocrinology in free-ranging bottlenose dolphins ( <i>Tursiops truncatus</i> ). <i>General and Comparative Endocrinology</i> , 2019, 281, 164-172.	1.8	15
14	Evaluation of Sample Preparation Methods for the Analysis of Reef-Building Corals Using <sup>1</sup> H-NMR-Based Metabolomics. <i>Metabolites</i> , 2019, 9, 32.	2.9	13
15	Morphological, elemental, and boron isotopic insights into pathophysiology of diseased coral growth anomalies. <i>Scientific Reports</i> , 2020, 10, 8252.	3.3	12
16	Examining maternal and environmental transfer of mercury into American alligator eggs. <i>Ecotoxicology and Environmental Safety</i> , 2020, 189, 110057.	6.0	11
17	Trichothiazole A, a dichlorinated polyketide containing an embedded thiazole isolated from <i>Trichodesmium</i> blooms. <i>Tetrahedron Letters</i> , 2017, 58, 4066-4068.	1.4	10
18	Examining heat treatment for stabilization of the lipidome. <i>Bioanalysis</i> , 2018, 10, 291-305.	1.5	10

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19	Metabotyping of a Protected Non-Model Organism, Green Sea Turtle ( <i>Chelonia mydas</i> ), using $^1\text{H}$ NMR Spectroscopy and Optimized Plasma Methods for Metabolomics. <i>Current Metabolomics</i> , 2014, 1, 279-290.	0.5	8
20	Evaluation of graded levels of soy oil as a fish oil replacement in high soy protein feeds for juvenile red drum, <i>Sciaenops ocellatus</i> . <i>Aquaculture</i> , 2020, 529, 735627.	3.5	8
21	Identifying metabolic alterations associated with coral growth anomalies using $^1\text{H}$ NMR metabolomics. <i>Coral Reefs</i> , 2021, 40, 1195-1209.	2.2	8
22	Photostability of Kainic Acid in Seawater. <i>Journal of Agricultural and Food Chemistry</i> , 2007, 55, 9951-9955.	5.2	6
23	Effects of heat-treatment on the stability and composition of metabolomic extracts from the earthworm <i>Eisenia fetida</i> . <i>Metabolomics</i> , 2016, 12, 47.	3.0	3