

# Lisa B Whitenack

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7832042/publications.pdf>

Version: 2024-02-01

19  
papers

441  
citations

1040056

9  
h-index

940533

16  
g-index

20  
all docs

20  
docs citations

20  
times ranked

496  
citing authors

#	ARTICLE	IF	CITATIONS
1	Performance of shark teeth during puncture and draw: implications for the mechanics of cutting. <i>Biological Journal of the Linnean Society</i> , 0, 100, 271-286.	1.6	96
2	Biology meets engineering: The structural mechanics of fossil and extant shark teeth. <i>Journal of Morphology</i> , 2011, 272, 169-179.	1.2	61
3	Young's modulus and hardness of shark tooth biomaterials. <i>Archives of Oral Biology</i> , 2010, 55, 203-209.	1.8	60
4	Determining shark size from forensic analysis of bite damage. <i>Marine Biology</i> , 2009, 156, 2483-2492.	1.5	55
5	Functional morphology of the feeding apparatus, feeding constraints, and suction performance in the nurse shark <i>Ginglymostoma cirratum</i> . <i>Journal of Morphology</i> , 2008, 269, 1041-1055.	1.2	43
6	A morphometric approach for addressing tooth-based species delimitation in fossil mako sharks, <i>Isurus</i> (Elasmobranchii: Lamniformes). <i>Journal of Vertebrate Paleontology</i> , 2010, 30, 17-25.	1.0	30
7	Aerial and aquatic feeding in the silver arawana, <i>Osteoglossum bicirrhosum</i> . <i>Environmental Biology of Fishes</i> , 2005, 73, 453-462.	1.0	25
8	Feeding in Cartilaginous Fishes: An Interdisciplinary Synthesis. <i>Fascinating Life Sciences</i> , 2019, , 231-295.	0.9	15
9	Did shell-crushing crabs trigger an escalatory arms race in the aftermath of a Late Neogene regional mass extinction event? An experimental test. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2015, 417, 57-65.	2.3	14
10	Geometry representation, modification and iterative design using RKEM. <i>Computer Methods in Applied Mechanics and Engineering</i> , 2007, 196, 4304-4320.	6.6	13
11	Behavioural versatility of the giant murex <i>Muricanthus fulvescens</i> (Sowerby, 1834) (Gastropoda: Tj ETQq1 1 0,784314,rgBT /Over	1.2	7
12	Doing Without: Jump Performance After Tail Autotomy in Three Species of Plethodontid Salamanders. <i>Herpetologica</i> , 2017, 73, 100.	0.4	5
13	Comparative jumping mechanics in plethodontid salamanders. <i>Journal of Zoology</i> , 2016, 299, 51-57.	1.7	4
14	Biology Beyond the Classroom: Experiential Learning Through Authentic Research, Design, and Community Engagement. <i>Integrative and Comparative Biology</i> , 2021, 61, 926-933.	2.0	4
15	Untangling the contribution of characters to evolutionary relationships: a case study using fossils, morphology, and Genes. <i>Journal of Biological Education</i> , 2019, 53, 217-224.	1.5	3
16	The Core Concepts, Competencies, and Grand Challenges of Comparative Vertebrate Anatomy and Morphology. <i>Integrative Organismal Biology</i> , 2022, 4, .	1.8	3
17	A Framework For Studying The RKEM Representation of Discrete Point Sets. <i>Lecture Notes in Computational Science and Engineering</i> , 2008, , 301-314.	0.3	1
18	Students'™ Perceptions of FSBio 201, A CURE-Based Course that Scaffolds Research and Scientific Communication, Align with Learning Outcomes. <i>Integrative and Comparative Biology</i> , 2021, 61, 944-956.	2.0	0

#	ARTICLE	IF	CITATIONS
19	What Can Professional Scientific Societies Do to Improve Diversity, Equity, and Inclusion: A Case Study of the American Elasmobranch Society. <i>Frontiers in Education</i> , 0, 7, .	2.1	0