William E Bemis

List of Publications by Year
in descending order

64	2,981	201674	175258
papers	citations	27 h-index	52 g-index

67	67	67	1848
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A Comprehensive Phylogenetic Study of Amiid Fishes (Amiidae) Based on Comparative Skeletal Anatomy. an Empirical Search for Interconnected Patterns of Natural History. Journal of Vertebrate Paleontology, 1998, 18, 1-696.	1.0	382
2	An overview of Acipenseriformes. Environmental Biology of Fishes, 1997, 48, 25-71.	1.0	305
3	Sturgeon rivers: an introduction to acipenseriform biogeography and life history. Environmental Biology of Fishes, 1997, 48, 167-183.	1.0	240
4	Osteology and Phylogenetic Relationships of Fossil and Recent Paddlefishes (Polyodontidae) with Comments on the Interrelationships of Acipenseriformes. Journal of Vertebrate Paleontology, 1991, 11, 1-121.	1.0	187
5	The threatened status of acipenseriform species: a summary. Environmental Biology of Fishes, 1997, 48, 427-435.	1.0	170
6	Morphology and function of the feeding apparatus of the lungfish,Lepidosiren paradoxa (Dipnoi). Journal of Morphology, 1986, 187, 81-108.	1.2	120
7	Paedomorphosis and the evolution of the Dipnoi. Paleobiology, 1984, 10, 293-307.	2.0	92
8	Interrelationships of Acipenseriformes, with Comments on â€œChondrosteiâ€•, 1996, , 85-115.		85
9	Morphology and function of the feeding apparatus in Dermophis mexicanus (Amphibia: Gymnophiona). Zoological Journal of the Linnean Society, 1983, 77, 75-96.	2.3	77
10	Skeletal Anatomy of the Shortnose Sturgeon, Acipenser brevirostrum Lesueur, 1818, and the Systematics of Sturgeons (Acipenseriformes, Acipenseridae). Fieldiana: Life and Earth Sciences, 2011, 3, 1-168.	1.0	77
11	Early development of the actinopterygian head. I. External development and staging of the paddlefish Polyodon spathula. Journal of Morphology, 1992, 213, 47-83.	1.2	64
12	Electrosensory ampullary organs are derived from lateral line placodes in bony fishes. Nature Communications, 2011, 2, 496.	12.8	64
13	Metabolism and Ram Gill Ventilation in Juvenile Paddlefish,Polyodon spathula(Chondrostei:) Tj ETQq1 1 0.784314 rgBT /Overlo	1.5	52
14	How many species are there within the genus Acipenser?. Environmental Biology of Fishes, 1997, 48, 157-163.	1.0	52
15	Feeding systems of living dipnoi: Anatomy and function. Journal of Morphology, 1986, 190, 249-275.	1.2	49
16	Protopsephurus liui, a well-preserved primitive paddlefish (Acipenseriformes: Polyodontidae) from the Lower Cretaceous of China. Journal of Vertebrate Paleontology, 2002, 22, 209-237.	1.0	49
17	Morphology and growth of lepidosirenid lungfish tooth plates (Pisces: Dipnoi). Journal of Morphology, 1984, 179, 73-93.	1.2	47
18	Structure, attachment, replacement and growth of teeth in bluefish, Pomatomus saltatrix (), a teleost with deeply socketed teeth. Zoology, 2005, 108, 317-327.	1.2	46

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19	Localization and Partial Characterization of Melatonin Receptors in Amphioxus, Hagfish, Lamprey, and Skate. General and Comparative Endocrinology, 1998, 110, 67-78.	1.8	43
20	Skin and Blood Vessels of the Snout of the Australian Lungfish, Neoceratodus forsteri, and their Significance for Interpreting the Cosmine of Devonian Lungfishes. Acta Zoologica, 1992, 73, 115-139.	0.8	42
21	Methods for Preparing Dry, Partially Articulated Skeletons of Osteichthyans, with Notes on Making Ridewood Dissections of the Cranial Skeleton. Copeia, 2004, 2004, 603-609.	1.3	41
22	The sturgeons' plight. Nature, 1994, 370, 602-602.	27.8	40
23	Functional morphology of tongue projection in Taricha torosa (Urodela: Salamandridae). Zoological Journal of the Linnean Society, 1990, 99, 129-157.	2.3	36
24	The Rostal Organ of Latimeria chalumnae: Morphological Evidence of an Electroreceptive Function. Copeia, 1982, 1982, 467.	1.3	35
25	Development and microstructure of tooth histotypes in the blue shark, <scp>P</scp>rionace glauca (<scp>C</scp>archarhiniformes:) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 507 Td (<scp>carcharias (<scp>L</scp>amniformes: <scp>L</scp>amnidae). Journal of Morphology, 2015, 276, 797-817.	1.2	34
26	An overview of Acipenseriformes. , 1997, , 25-71.		33
27	General Ecology of a Rural Population of Norway Rats (Rattus norvegicus) Based on Intensive Live Trapping. American Midland Naturalist, 2006, 155, 221-236.	0.4	31
28	Functional and Developmental Morphology of Tooth Replacement in the Atlantic Wolffish,Anarhichas lupus(Teleostei: Zoarcoidei: Anarhichadidae). Copeia, 2015, 103, 886-901.	1.3	31
29	New interpretations of the skull of a primitive bony fish Erpetoichthys calabaricus (Actinopterygii: Cladistia). Journal of Morphology, 2007, 268, 1021-1039.	1.2	28
30	Ontogeny of Heart Function in the Little Skate Raja Erinacea. Journal of Experimental Biology, 1991, 156, 387-398.	1.7	28
31	Shark teeth as edged weapons: serrated teeth of three species of selachians. Zoology, 2017, 120, 101-109.	1.2	27
32	Sturgeon rivers: An introduction to acipenseriform biogeography and life history. , 1997, , 167-183.		27
33	Innervation of the basicranial muscle of Latimeria chalumnae. Environmental Biology of Fishes, 1991, 32, 147-158.	1.0	24
34	The threatened status of acipenseriform species: A summary. , 1997, , 427-435.		23
35	Sex Differences, Effects of Male Presence and Coordination of Nest Visits in Prairie Voles (Microtus) Tj ETQq1 1 0.784314 rgBT /Overlock	0.4	23
36	Tooth development and replacement in the Atlantic Cutlassfish, <scp>Trichiurus lepturus</scp>, with comparisons to other Scombroidei. Journal of Morphology, 2019, 280, 78-94.	1.2	21

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37	Social dynamics and dispersal in free-living prairie voles (Microtus ochrogaster). Journal of Mammalogy, 2013, 94, 40-49.	1.3	19
38	Evolution of the branchiostegal membrane and restricted gill openings in <scp>A</scp>ctinopterygian fishes. Journal of Morphology, 2015, 276, 681-694.	1.2	19
39	Homology of Lateral Cusplets in the Teeth of Lamnid Sharks (Lamniformes: Lamnidae). Copeia, 2015, 103, 961-972.	1.3	18
40	Structure and function of the external gill filaments of embryonic skates (Raja erinacea). Respiration Physiology, 1992, 89, 1-13.	2.7	17
41	Melanin deposits associated with the venom glands of snakes. Journal of Morphology, 1978, 155, 63-71.	1.2	15
42	Osteology and Phylogenetic Relationships of Fossil and Recent Paddlefishes (Polyodontidae) with Comments on the Interrelationships of Acipenseriformes. Memoir Society of Vertebrate Paleontology, 1991, 1, ii.	3.0	15
43	Suckling behaviour in three species of voles. Behaviour, 2011, 148, 551-573.	0.8	14
44	Convergent evolution of jaw-opening muscles in lepidosirenid lungfishes and tetrapods. Canadian Journal of Zoology, 1987, 65, 2814-2817.	1.0	13
45	Tooth Microstructure and Replacement in the Gulper Shark,Centrophorus granulosus(Squaliformes:) Tj ETQq1 1 0.784314 rgBT /Over	1.3	13
46	Litter Size Influences Maternal but not Paternal Care in Three Species of Voles, as Measured by Nest Attendance. Journal of Mammalogy, 2007, 88, 1420-1426.	1.3	11
47	Functional morphology of gill ventilation of the goosefish, Lophius americanus (Lophiiformes:) Tj ETQq1 1 0.784314 rgBT /Overlock 1	1.2	11
48	PARENTAL BEHAVIOR AT PARTURITION IN PRAIRIE VOLES (MICROTUS OCHROGASTER). Journal of Mammalogy, 2003, 84, 513-523.	1.3	10
49	Grouped Tooth Replacement in the Oral Jaws of the Tripletail, Lobotes surinamensis (Perciformes:) Tj ETQq1 1 0.784314 rgBT /Overlock	1.3	10
50	Benthic walking, bounding, and maneuvering in flatfishes (Pleuronectiformes: Pleuronectidae): New vertebrate gaits. Zoology, 2018, 130, 19-29.	1.2	10
51	Leo Semenovich Berg and the biology of Acipenseriformes: a dedication. Environmental Biology of Fishes, 1997, 48, 15-22.	1.0	9
52	Sturgeon biodiversity and conservation: an introduction. Environmental Biology of Fishes, 1997, 48, 13-14.	1.0	8
53	The Biology and Evolution of Lungfishes. Copeia, 1988, 1988, 265.	1.3	7
54	How many species are there within the genus Acipenser?. , 1997, , 157-163.		6

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55	Parental behaviour of prairie voles (Microtus ochrogaster) and meadow voles (M. pennsylvanicus) in relation to sex of offspring. Behaviour, 2014, 151, 535-553.	0.8	6
56	Identification of Shark Teeth (Elasmobranchii: Lamnidae) from a Historic Fishing Station on Smuttynose Island, Maine, Using Computed Tomography Imaging. Northeastern Naturalist, 2015, 22, 585-597.	0.3	6
57	A gymnodont fish jaw with remarkable molariform teeth from the early Eocene of Gujarat, India (Teleostei, Tetraodontiformes). Journal of Vertebrate Paleontology, 2017, 37, e1369422.	1.0	5
58	Vertebrate Evolution: Evolutionary Biology of Primitive Fishes.. Science, 1986, 233, 114-115.	12.6	3
59	Innervation of the basicranial muscle of Latimeria chalumnae. Developments in Environmental Biology of Fishes, 1991, , 147-158.	0.2	3
60	Food Preferences of Atlantic Hagfish,Myxine glutinosa, Assessed by Experimental Baiting of Traps. Copeia, 2016, 104, 623-627.	1.3	2
61	Leo Semenovich Berg and the biology of Acipenseriformes: A dedication. , 1997, , 15-22.		1
62	Cranial Nerves of the Coelacanth Latimeria Chalumnae (Osteichthyes: Sarcopterygii: Actinistia) and Comparisons with Other Craniata. Copeia, 1994, 1994, 828.	1.3	0
63	Behavioral comparisons of male and female pups of prairie voles (Microtus ochrogaster) and meadow voles (M. pennsylvanicus). Developmental Psychobiology, 2015, 57, 237-246.	1.6	0
64	Deep-Water Dragonets (Teleostei: Callionymidae:Foetorepus) of the Mid Atlantic Bight: A Little-Known Genus from the Edge of the Continental Shelf. Copeia, 2018, 106, 188-198.	1.3	0