

Joy S Reidenberg

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

72
papers

1,399
citations

20
h-index

36
g-index

80
ext. papers

1,651
ext. citations

3.1
avg. IF

4.46
L-index

#	Paper	IF	Citations
72	Cetaceans have complex brains for complex cognition. <i>PLoS Biology</i> , 2007 , 5, e139	9.7	183
71	The anatomy, physiology, acoustics and perception of speech: essential elements in analysis of the evolution of human speech. <i>Journal of Human Evolution</i> , 1992 , 23, 447-467	3.1	109
70	The new face of gross anatomy. <i>The Anatomical Record</i> , 2002 , 269, 81-8		108
69	Anatomical adaptations of aquatic mammals. <i>Anatomical Record</i> , 2007 , 290, 507-13	2.1	78
68	Specializations of the human upper respiratory and upper digestive systems as seen through comparative and developmental anatomy. <i>Dysphagia</i> , 1993 , 8, 318-25	3.7	78
67	Anatomy of the hyoid apparatus in Odontoceti (toothed whales): specializations of their skeleton and musculature compared with those of terrestrial mammals. <i>The Anatomical Record</i> , 1994 , 240, 598-624		68
66	Evolution of hyperphalangy and digit reduction in the cetacean manus. <i>Anatomical Record</i> , 2007 , 290, 654-72	2.1	67
65	Sisters of the sinuses: cetacean air sacs. <i>Anatomical Record</i> , 2008 , 291, 1389-96	2.1	58
64	Discovery of a low frequency sound source in Mysticeti (baleen whales): anatomical establishment of a vocal fold homolog. <i>Anatomical Record</i> , 2007 , 290, 745-59	2.1	53
63	Position of the larynx in odontoceti (toothed whales). <i>The Anatomical Record</i> , 1987 , 218, 98-106		49
62	Acoustic Models of Sound Production and Propagation. <i>Springer Handbook of Auditory Research</i> , 2000 , 409-469	1.2	47
61	Neuromuscular anatomy and evolution of the cetacean forelimb. <i>Anatomical Record</i> , 2007 , 290, 1121-37	2.1	41
60	A claim in search of evidence: reply to Manger's thermogenesis hypothesis of cetacean brain structure. <i>Biological Reviews</i> , 2008 , 83, 417-40	13.5	37
59	New acoustic model for humpback whale sound production. <i>Applied Acoustics</i> , 2013 , 74, 1182-1190	3.1	34
58	Anatomy of reflux: a growing health problem affecting structures of the head and neck. <i>The Anatomical Record Part B: the New Anatomist</i> , 2006 , 289, 261-70		33
57	Existence of vocal folds in the larynx of odontoceti (toothed whales). <i>The Anatomical Record</i> , 1988 , 221, 884-91		31
56	The human aerodigestive tract and gastroesophageal reflux: an evolutionary perspective. <i>American Journal of Medicine</i> , 1997 , 103, 2S-8S	2.4	27

55	The neocortex of cetartiodactyls: I. A comparative Golgi analysis of neuronal morphology in the bottlenose dolphin (<i>Tursiops truncatus</i>), the minke whale (<i>Balaenoptera acutorostrata</i>), and the humpback whale (<i>Megaptera novaeangliae</i>). <i>Brain Structure and Function</i> , 2015 , 220, 3339-68	4	26
54	Effect of basicranial flexion on larynx and hyoid position in rats: an experimental study of skull and soft tissue interactions. <i>The Anatomical Record</i> , 1991 , 230, 557-69		25
53	Tongue and hyoid musculature and functional morphology of a neonate gray whale (Cetacea, Mysticeti, <i>Eschrichtius robustus</i>). <i>Anatomical Record</i> , 2015 , 298, 660-74	2.1	21
52	Hydrodynamic performance of the flippers of large-bodied cetaceans in relation to locomotor ecology. <i>Marine Mammal Science</i> , 2014 , 30, 413-432	1.9	19
51	Understanding the intentional acoustic behavior of humpback whales: a production-based approach. <i>Journal of the Acoustical Society of America</i> , 2013 , 134, 2268-73	2.2	18
50	Blowing bubbles: an aquatic adaptation that risks protection of the respiratory tract in humpback whales (<i>Megaptera novaeangliae</i>). <i>Anatomical Record</i> , 2007 , 290, 569-80	2.1	15
49	Anatomy of nasal complex in the southern right whale, <i>Eubalaena australis</i> (Cetacea, Mysticeti). <i>Journal of Anatomy</i> , 2015 , 226, 81-92	2.9	14
48	Does female ejaculation serve an antimicrobial purpose?. <i>Medical Hypotheses</i> , 2009 , 73, 1069-71	3.8	14
47	A study of vocal nonlinearities in humpback whale songs: from production mechanisms to acoustic analysis. <i>Scientific Reports</i> , 2016 , 6, 31660	4.9	13
46	Folk psychology and talking hyoids. <i>Nature</i> , 1989 , 342, 486-7	50.4	12
45	Acoustical and anatomical determination of sound production and transmission in West Indian (<i>Trichechus manatus</i>) and Amazonian (<i>T. inunguis</i>) manatees. <i>Anatomical Record</i> , 2014 , 297, 1896-907	2.1	11
44	Asphyxiation in a Bottlenose Dolphin (<i>Tursiops truncatus</i>) from Puerto Rico Due to Choking on a Black Margate (<i>Anisotremus surinamensis</i>). <i>Aquatic Mammals</i> , 2009 , 35, 48-54	3.1	11
43	Anatomy and Functional Morphology of the Mysticete Rorqual Whale Larynx: Phonation Positions of the U-Fold. <i>Anatomical Record</i> , 2019 , 302, 703-717	2.1	10
42	The evolution and development of human swallowing: the most important function we least appreciate. <i>Otolaryngologic Clinics of North America</i> , 2013 , 46, 923-35	2	9
41	Cetacean Prenatal Development 2009 , 220-230		9
40	A Comparison of the Cortical Structure of the Bowhead Whale (<i>Balaena mysticetus</i>), a Basal Mysticete, with Other Cetaceans. <i>Anatomical Record</i> , 2019 , 302, 745-760	2.1	9
39	Two new theoretical roles of the laryngeal sac of humpback whales. <i>Marine Mammal Science</i> , 2015 , 31, 774-781	1.9	8
38	Generation of sound in marine mammals. <i>Handbook of Behavioral Neuroscience</i> , 2010 , 451-465	0.7	8

37	A Comparison of Common Hippopotamus (<i>Artiodactyla</i>) and Mysticete (<i>Cetacea</i>) Nostrils: An Open and Shut Case. <i>Anatomical Record</i> , 2019 , 302, 693-702	2.1	7
36	Embryology and Anatomy of the Neck 2011 , 2117-2179		5
35	Anatomy of Underwater Sound Production With a Focus on Ultrasonic Vocalization in Toothed Whales Including Dolphins and Porpoises. <i>Handbook of Behavioral Neuroscience</i> , 2018 , 25, 509-519	0.7	4
34	Fossil Skulls and Hominid Vocal Tracts: New Approaches to Charting the Evolution of Human Speech 1992 , 385-397		4
33	Suction feeding by elephants. <i>Journal of the Royal Society Interface</i> , 2021 , 18, 20210215	4.1	3
32	Unconventional animal models for traumatic brain injury and chronic traumatic encephalopathy. <i>Journal of Neuroscience Research</i> , 2021 , 99, 2463-2477	4.4	3
31	Assessing age-related ossification of the petro-occipital fissure: laying the foundation for understanding the clinicopathologies of the cranial base. <i>The Anatomical Record Part A: Discoveries in Molecular, Cellular, and Evolutionary Biology</i> , 2005 , 282, 38-48		2
30	Comparative examination of pinniped craniofacial musculature and its role in aquatic feeding. <i>Journal of Anatomy</i> , 2021 ,	2.9	2
29	Anatomy of the Proboscideal Nerve in the Proboscis of the African Elephant (<i>Loxodonta africana</i>). <i>FASEB Journal</i> , 2019 , 33, lb148	0.9	2
28	Cetacean Orbital Muscles: Anatomy and Function of the Circular Layers. <i>Anatomical Record</i> , 2020 , 303, 1792-1811	2.1	2
27	Musculature 2018 , 622-625		1
26	Sonar-induced pressure fields in a post-mortem common dolphin. <i>Journal of the Acoustical Society of America</i> , 2012 , 131, 1595-604	2.2	1
25	Motor Mouth Moby: is the hyoid a locomotor bone in whales, dolphins, and porpoises?. <i>FASEB Journal</i> , 2006 , 20, A845	0.9	1
24	Comparative Anatomy of the Larynx in Pinnipeds (Seal, Sea lion, Walrus). <i>FASEB Journal</i> , 2018 , 32, 780.12.9	2.9	1
23	Emergency Anatomy: A new paradigm in teaching surface anatomy applying principles used in emergency medicine procedures.. <i>FASEB Journal</i> , 2007 , 21, A87	0.9	1
22	Characterizing the suckling behavior by video and 3D-accelerometry in humpback whale calves on a breeding ground.. <i>PeerJ</i> , 2022 , 10, e12945	3.1	1
21	Tuberculosis induced changes to the osseous cranial base and its potential effect on hearing. <i>Anatomical Record</i> , 2008 , 291, 488-90	2.1	0
20	Moving Forward with the Mysticete Hyoid: biomechanics of the whale's hyoid in body wave locomotion. <i>FASEB Journal</i> , 2011 , 25, 867.4	0.9	0

19	Mysticetes to MiniConference to Manuscripts: Introduction to Thematic Issue on Mysticete Anatomy. <i>Anatomical Record</i> , 2019 , 302, 663-666	2.1	0
18	A first radiotherapy application of functional bulboclititoris anatomy, a novel female sexual organ-at-risk, and organ-sparing feasibility study. <i>British Journal of Radiology</i> , 2021 , 94, 20201139	3.4	0
17	Teaching the youngest anatomists. <i>The Anatomical Record</i> , 1999 , 257, 125-7		
16	Essential Anatomy for Family Medicine in the Undergraduate Medical Curriculum. <i>FASEB Journal</i> , 2020 , 34, 1-1	0.9	
15	Can a discrete time-frame for change in aerodigestive tract anatomy and function in human infants be identified?. <i>FASEB Journal</i> , 2007 , 21, A966	0.9	
14	Crooked crania and lop-sided larynges: New insights from CT imaging of the cranio-cervical region in odontocetes (toothed whales, dolphins, porpoises). <i>FASEB Journal</i> , 2008 , 22, 771.11	0.9	
13	Skeletal variations in the Fam53A mutant mouse.. <i>FASEB Journal</i> , 2008 , 22, 521.2	0.9	
12	How do Mysticete (Baleen) Whales Make Two Sounds Simultaneously?. <i>FASEB Journal</i> , 2019 , 33, 613.11	0.9	
11	The Diverse Sensory Specializations of Cetacea. <i>FASEB Journal</i> , 2020 , 34, 1-1	0.9	
10	Essential Anatomy for General Surgery in the Undergraduate Medical Curriculum. <i>FASEB Journal</i> , 2020 , 34, 1-1	0.9	
9	The meaning of emptiness: Sinuses and sacs from land to sea. <i>FASEB Journal</i> , 2009 , 23, 416.2	0.9	
8	Design of interactive computer module for the study of histology. <i>FASEB Journal</i> , 2009 , 23, 478.3	0.9	
7	Thinking out of the box: Using the transplantation procedure to teach renal anatomy. <i>FASEB Journal</i> , 2010 , 24, 295.7	0.9	
6	Base composition changes indicate biased gene conversion is a major factor in the evolution of the Fam53A gene. <i>FASEB Journal</i> , 2010 , 24, 449.13	0.9	
5	Digital photography versus anatomical illustration: Which method is more accurate?. <i>FASEB Journal</i> , 2010 , 24, 828.10	0.9	
4	Beyond the bones: Reconstructing soft tissue anatomy of our ancestors. <i>FASEB Journal</i> , 2010 , 24, 297.5	0.9	
3	MedStart: A Hands-on Anatomical Experience for Middle School Students. <i>FASEB Journal</i> , 2013 , 27, 961.5	0.9	
2	A History of Giving Back and Caring: The Mount Sinai Tradition. <i>FASEB Journal</i> , 2013 , 27, 19.3	0.9	

- 1 Anatomy of Sound Production and Reception. *Ethology and Behavioral Ecology of Marine Mammals*, 2022, 45-69 1.6