

Jeffrey T Laitman

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.

120 papers	1,473 citations	20 h-index	37 g-index
170 ext. papers	1,776 ext. citations	2.1 avg, IF	4.55 L-index

#	Paper	IF	Citations
120	The basicranium of fossil hominids as an indicator of their upper respiratory systems. <i>American Journal of Physical Anthropology</i> , 1979 , 51, 15-33	2.5	221
119	The basicranium of Plio-Pleistocene hominids as an indicator of their upper respiratory systems. <i>American Journal of Physical Anthropology</i> , 1982 , 59, 323-43	2.5	185
118	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
117	Developmental change in a basicranial line and its relationship to the upper respiratory system in living primates. <i>American Journal of Anatomy</i> , 1978 , 152, 467-82		85
116	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
115	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
114	Sisters of the sinuses: cetacean air sacs. <i>Anatomical Record</i> , 2008 , 291, 1389-96	2.1	58
113	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
112	Position of the larynx in odontoceti (toothed whales). <i>The Anatomical Record</i> , 1987 , 218, 98-106		49
111	The subarcuate fossa and cerebellum of extant primates: comparative study of a skull-brain interface. <i>American Journal of Physical Anthropology</i> , 1988 , 77, 143-64	2.5	37
110	Climatic effects on the nasal complex: a CT imaging, comparative anatomical, and morphometric investigation of <i>Macaca mulatta</i> and <i>Macaca fascicularis</i> . <i>Anatomical Record</i> , 2008 , 291, 1420-45	2.1	35
109	Mechanisms of middle ear aeration: anatomic and physiologic evidence in primates. <i>Laryngoscope</i> , 1990 , 100, 67-75	3.6	35
108	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
107	The shrinking anthropoid nose, the human vomeronasal organ, and the language of anatomical reduction. <i>Anatomical Record</i> , 2014 , 297, 2196-204	2.1	32
106	Existence of vocal folds in the larynx of odontoceti (toothed whales). <i>The Anatomical Record</i> , 1988 , 221, 884-91		31
105	The human aerodigestive tract and gastroesophageal reflux: an evolutionary perspective. <i>American Journal of Medicine</i> , 1997 , 103, 2S-8S	2.4	27
104	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

103	Ultrasound investigation of fetal human upper respiratory anatomy. <i>The Anatomical Record</i> , 1990 , 227, 363-72		25
102	Naturally occurring motoneuron cell death in rat upper respiratory tract motor nuclei: a histological, fast Dil and immunocytochemical study in the hypoglossal nucleus. <i>Journal of Neurobiology</i> , 1995 , 27, 520-34		24
101	The nasal complex of Neanderthals: an entry portal to their place in human ancestry. <i>Anatomical Record</i> , 2014 , 297, 2121-37	2.1	20
100	Developmental change in the position of the fetal human larynx. <i>American Journal of Physical Anthropology</i> , 1987 , 72, 463-72	2.5	18
99	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
98	A Measure of Basicranial Flexion in <i>Pan paniscus</i> , the Pygmy Chimpanzee 1984 , 49-63		14
97	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
96	Three-dimensional geometric morphometric analysis of the nasopharyngeal boundaries and its functional integration with the face and external basicranium among extant hominoids. <i>Anatomical Record</i> , 2015 , 298, 85-106	2.1	12
95	Folk psychology and talking hyoids. <i>Nature</i> , 1989 , 342, 486-7	50.4	12
94	Naturally occurring motoneuron cell death in rat upper respiratory tract motor nuclei: a histological, fast Dil and immunocytochemical study of the nucleus ambiguus. <i>Journal of Neurobiology</i> , 1995 , 26, 563-78		11
93	Harnessing the hallowed hollows of the head: the mysterious world of the paranasal sinuses. <i>Anatomical Record</i> , 2008 , 291, 1346-9	2.1	10
92	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
91	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
90	The Bible the flock will not follow. <i>Anatomical Sciences Education</i> , 2009 , 2, 137-8	6.8	9
89	Generation of sound in marine mammals. <i>Handbook of Behavioral Neuroscience</i> , 2010 , 451-465	0.7	8
88	Toward Understanding the Mammalian Zygoma: Insights From Comparative Anatomy, Growth and Development, and Morphometric Analysis. <i>Anatomical Record</i> , 2017 , 300, 76-151	2.1	7
87	Consequences of evolution: is rhinosinusitis, like otitis media, a unique disease of humans?. <i>Otolaryngology - Head and Neck Surgery</i> , 2012 , 147, 986-91	5.5	7
86	CT Examination of Nose and Paranasal Sinuses of Egyptian Mummies and Three Distinct Human Population Groups: Anthropological and Clinical Implications. <i>Anatomical Record</i> , 2015 , 298, 1072-84	2.1	6

85	The real Jurassic Park: Joseph Leidy's heirs reconstruct the anatomy of dinosaurs. <i>Anatomical Record</i> , 2009 , 292, 1237-9	2.1	6
84	The magic of the Monkey House: new insights into the anatomy that makes primates primates. <i>Anatomical Record</i> , 2010 , 293, 541-3	2.1	6
83	The Nasal Complex of a Semiaquatic Artiodactyl, the Moose (<i>Alces alces</i>): Is it a Good Evolutionary Model for the Ancestors of Cetaceans?. <i>Anatomical Record</i> , 2019 , 302, 667-692	2.1	6
82	A microscope on vertebrate form and function: the power of finite element analysis. <i>The Anatomical Record Part A: Discoveries in Molecular, Cellular, and Evolutionary Biology</i> , 2005 , 283, 251-2		5
81	Cranial Indicators Identified for Peak Incidence of Otitis Media. <i>Anatomical Record</i> , 2017 , 300, 1721-1740	2.1	4
80	The Anatomical Record continues to replace wonder with knowledge through first-hand experience of acupuncture. <i>Anatomical Record</i> , 2020 , 303, 2071-2076	2.1	4
79	Anatomy of the Nose and Paranasal Sinuses 2014 , 3-44		4
78	<i>Homo erectus newyorkensis</i> : An Indonesian fossil rediscovered in Manhattan sheds light on the middle phase of human evolution. <i>The Anatomical Record</i> , 2001 , 262, 341-3		3
77	Why Muscles Look and Act the Way They Do: Uncovering the Nexus Among Form, Function, Behavior, and Evolution. <i>Anatomical Record</i> , 2018 , 301, 194-196	2.1	2
76	Understanding the Tie That Binds: Deciphering the World of the Zygoma. <i>Anatomical Record</i> , 2016 , 299, 1609-1610	2.1	2
75	Reconstructing the Neanderthal Eustachian Tube: New Insights on Disease Susceptibility, Fitness Cost, and Extinction. <i>Anatomical Record</i> , 2019 , 302, 2109-2125	2.1	2
74	Those who know what the nose knows. <i>Anatomical Record</i> , 2014 , 297, 1973-4	2.1	2
73	Taung Revisited: An Examination of the Past, Present, and Future of Hominid Evolution. <i>Current Anthropology</i> , 1986 , 27, 78-80	2.1	2
72	Living Anatomy Project. <i>FASEB Journal</i> , 2006 , 20, A875	0.9	2
71	Brazil's struggles and strengths in biomedical sciences and healthcare: A conversation with the former minister of health Nelson Teich. <i>Anatomical Record</i> , 2021 , 304, 1164-1172	2.1	2
70	A Bone for All Seasons: The Human Pelvis. <i>Anatomical Record</i> , 2017 , 300, 624-627	2.1	1
69	A Jugal in the Rough: The Evolutionary Importance of the Zygoma. <i>Anatomical Record</i> , 2017 , 300, 9-11	2.1	1
68	Unwrapping the anatomy of mummies. <i>Anatomical Record</i> , 2015 , 298, 933-4	2.1	1

67	Thar she blows... and dives, and feeds, and talks, and hears, and thinks: the anatomical adaptations of aquatic mammals. <i>Anatomical Record</i> , 2007 , 290, 504-6	2.1	1
66	How humans and their closest kin perceive the world: The special senses of primates. <i>The Anatomical Record</i> , 2004 , 281A, 1077-1077		1
65	New eyes for old bones: The power of virtual study of the fossil hominid from Eliye Springs, Kenya, by CT-based 3D reconstruction. <i>The Anatomical Record</i> , 2004 , 278, 2-3		1
64	The anatomy of antisemitism and antisemitism in anatomy: A personal reflection.. <i>Anatomical Record</i> , 2022 ,	2.1	1
63	Comparative Anatomy of the Larynx in Pinnipeds (Seal, Sea lion, Walrus). <i>FASEB Journal</i> , 2018 , 32, 780.12.9		1
62	The Living Anatomy Project: Living Beyond First Year. <i>FASEB Journal</i> , 2007 , 21, A215	0.9	1
61	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
60	Developmental horizons in the 24 month old infant aerodigestive tract. <i>FASEB Journal</i> , 2013 , 27, 962.4	0.9	1
59	Extreme Anatomy: Gear for the Pioneer. <i>Anatomical Record</i> , 2020 , 303, 10-14	2.1	1
58	Three-dimensional visualization of the human membranous labyrinth: The membrana limitans and its role in vestibular form. <i>Anatomical Record</i> , 2021 ,	2.1	1
57	Alterations to vestibular morphology in highly bred domestic dogs may affect balance. <i>Anatomical Record</i> , 2021 , 304, 116-126	2.1	1
56	Train the human, not the dog. <i>Anatomical Record</i> , 2021 , 304, 202-205	2.1	1
55	Racism, structural racism, and the American Association for Anatomy: Initial report from a task force.. <i>Anatomical Record</i> , 2022 ,	2.1	1
54	The Search for the Intersection of Form and Function: Looking for Clues into What Has Determined How, Why, and When Animals Came to Move the Way They Do. <i>Anatomical Record</i> , 2018 , 301, 416-418	2.1	0
53	A (gray) whale of a tale: a rare view inside one of nature's majestic animals. <i>Anatomical Record</i> , 2015 , 298, 641-2	2.1	0
52	A (New World monkey) tree grows in Brooklyn. <i>Anatomical Record</i> , 2011 , 294, 1953-4	2.1	0
51	Primates of all types swing through the pages of The Anatomical Record. <i>Anatomical Record</i> , 2010 , 293, 539-40	2.1	0
50	Seeing the anatomy of hearing: New tools and approaches chart the pathways underlying how we process and integrate sound. <i>The Anatomical Record Part A: Discoveries in Molecular, Cellular, and Evolutionary Biology</i> , 2006 , 288, 323-4		0

- 49 Monkey business: how primates see, hear, and smell the world around them. *The Anatomical Record*, **2004**, 281, 1 ○
- 48 What's hot in anatomy: Of talking heads and drawing organs. *The Anatomical Record*, **2003**, 273B, 120-121 ○
- 47 It's not all in the hips: Crocodylian forelimb anatomy and evolution. *The Anatomical Record*, **2003**, 275, 182 ○
- 46 Moving Forward with the Mysticete Hyoid: biomechanics of the whale's hyoid in body wave locomotion. *FASEB Journal*, **2011**, 25, 867.4 0.9 ○
- 45 Extreme Anatomy: The Lottery Winners, Specialists, and Extreme Adaptations That Are No More. *Anatomical Record*, **2020**, 303, 214-217 2.1 ○
- 44 Identification of critical windows in early development of human upper respiratory tract and middle ear disease. *Anatomical Record*, **2021**, 304, 1953-1973 2.1 ○
- 43 How We Came to Be: Evidence from Primate Relatives and Fossil Ancestors Offer Clues to How Human Capabilities for Birth, Posture, and Walking Evolved. *Anatomical Record*, **2017**, 300, 786-788 2.1
- 42 The Anatomical Record Continues Our Special Issue, "Understanding the Zygoma," Now Exploring the Extraordinary Twists and Turns of Its Evolutionary Journey in Our First "Act II" of a Special Issue. *Anatomical Record*, **2017**, 300, 7-8 2.1
- 41 Through the eyes of Galileo's heirs: deciphering the laws of nature through the language of mathematics. *Anatomical Record*, **2015**, 298, 3-4 2.1
- 40 Primates of All Types Swing Through the Pages of The Anatomical Record. *Anatomical Record*, **2010**, 293, spc1-spc1 2.1
- 39 Unraveling the mysteries of the cochlea and its connections with the brain. *The Anatomical Record Part B: the New Anatomist*, **2006**, 289, 90-1
- 38 Accumulating fragments from our past to reveal the evolution of human form and function. *The Anatomical Record*, **2002**, 266, 137-137
- 37 Building Bridges Back to Back: 5 years of an outreach initiative in Anatomical Sciences and Medical Education between Brazil and US. *FASEB Journal*, **2020**, 34, 1-1 0.9
- 36 Essential Anatomy for Family Medicine in the Undergraduate Medical Curriculum. *FASEB Journal*, **2020**, 34, 1-1 0.9
- 35 Visualizing the Unbalanced World of Domestic Dogs: An Interactive Examination of the Canid Vestibular System. *FASEB Journal*, **2020**, 34, 1-1 0.9
- 34 Development of an experimental model for the study of the ossification of the petro-occipital fissure and its ties to age-related hearing loss. *FASEB Journal*, **2007**, 21, A971 0.9
- 33 Can a discrete time-frame for change in aerodigestive tract anatomy and function in human infants be identified?. *FASEB Journal*, **2007**, 21, A966 0.9
- 32 Stretching and Reaching Out: Bridging the Gap Between the Medical and Fitness Communities. *FASEB Journal*, **2007**, 21, A143 0.9

31	Back to Future: The Anatomic Radiology Clerkship at The Mount Sinai School of Medicine. <i>FASEB Journal</i> , 2007 , 21, A87	0.9
30	Accelerated Ossification of the Cochlear Aqueduct, TB-Meningitis, and Hearing Loss: Are they related?. <i>FASEB Journal</i> , 2007 , 21, A135	0.9
29	New imaging visualizations of the posterior cranial base in rats via micro-CT: Implications for uncovering anatomical correlates of age-related hearing loss. <i>FASEB Journal</i> , 2007 , 21, A142	0.9
28	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
27	Skeletal variations in the Fam53A mutant mouse.. <i>FASEB Journal</i> , 2008 , 22, 521.2	0.9
26	An anatomical study to determine the safest posterior arthroscopic approach to the human hip. <i>FASEB Journal</i> , 2018 , 32, lb503	0.9
25	Building Bridges in Anatomical Sciences and Medical Education: Brazil and US, one step closer. <i>FASEB Journal</i> , 2018 , 32, 631.8	0.9
24	Bor of those to whom much is given□ <i>FASEB Journal</i> , 2018 , 32, 373.1	0.9
23	How do Mysticete (Baleen) Whales Make Two Sounds Simultaneously?. <i>FASEB Journal</i> , 2019 , 33, 613.11	0.9
22	Building Bridges in Anatomical Sciences and Medical Education: Brazil and US Expanding Connections. <i>FASEB Journal</i> , 2019 , 33, 441.1	0.9
21	Evidence for Morphological Constraint on Bony Ear Canal Length in Modern Humans. <i>FASEB Journal</i> , 2019 , 33, 615.1	0.9
20	New-old-ways: where does innovation stand with technology in anatomy labs. <i>FASEB Journal</i> , 2020 , 34, 1-1	0.9
19	The Diverse Sensory Specializations of Cetacea. <i>FASEB Journal</i> , 2020 , 34, 1-1	0.9
18	Essential Anatomy for General Surgery in the Undergraduate Medical Curriculum. <i>FASEB Journal</i> , 2020 , 34, 1-1	0.9
17	Morphologic growth of the hominoid choanae: Implications for understanding functional integration of the basicranium and respiratory tract.. <i>FASEB Journal</i> , 2009 , 23, 648.1	0.9
16	TB Meningitis, Reactive Oxygen Species (ROS) and the Pathological Ossification of the Petroccipital Fissure and Cochlear Cannaliculus. <i>FASEB Journal</i> , 2009 , 23, 647.10	0.9
15	Anatomy of Aging. <i>FASEB Journal</i> , 2010 , 24, 295.2	0.9
14	Thinking out of the box: Using the transplantation procedure to teach renal anatomy. <i>FASEB Journal</i> , 2010 , 24, 295.7	0.9

- 13 Base composition changes indicate biased gene conversion is a major factor in the evolution of the Fam53A gene. *FASEB Journal*, **2010**, 24, 449.13 0.9
- 12 Assessment of a time-frame for postnatal changes in the aerodigestive tract during the first year of life. *FASEB Journal*, **2010**, 24, 452.2 0.9
- 11 Digital photography versus anatomical illustration: Which method is more accurate?. *FASEB Journal*, **2010**, 24, 828.10 0.9
- 10 Long faces and small eyes: Papionin models for the relationship between orbit size and facial prognathism. *FASEB Journal*, **2010**, 24, 636.6 0.9
- 9 Papionin models for the functional relationship between the face and osseous nasopharyngeal boundaries. *FASEB Journal*, **2010**, 24, 636.5 0.9
- 8 Developing Animal Models to Study Paranasal Sinus Function. *FASEB Journal*, **2010**, 24, 636.3 0.9
- 7 Comparing on line and live versions of an Anatomic Radiology Clerkship. *FASEB Journal*, **2012**, 26, lb38 0.9
- 6 Growth change in cartilaginous Eustachian tube angulation and its relationship with age at onset of otitis media. *FASEB Journal*, **2012**, 26, 907.6 0.9
- 5 MedStart: A Hands-on Anatomical Experience for Middle School Students. *FASEB Journal*, **2013**, 27, 961.5 0.9
- 4 A History of Giving Back and Caring: The Mount Sinai Tradition. *FASEB Journal*, **2013**, 27, 19.3 0.9
- 3 Climatic variation in human choanal shape: A 3D geometric morphometric study. *FASEB Journal*, **2013**, 27, 519.3 0.9
- 2 The building bridges initiative in health sciences and medical education: Fostering connections between Brazil and the United States. *Anatomical Record*, **2021**, 304, 1173-1180 2.1
- 1 Where does language lie in the brain--and how to investigate it? **2003**, 273, 120