

# Timothy D Smith

## List of Publications by Year in descending order

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122  
papers

3,168  
citations

101543

36  
h-index

189892

50  
g-index

132  
all docs

132  
docs citations

132  
times ranked

1150  
citing authors

#	ARTICLE	IF	CITATIONS
1	Vespers and vampires: A lifelong microscopic search for the smallest of things. <i>Anatomical Record</i> , 2023, 306, 2670-2680.	1.4	2
2	Venous networks in the upper airways of bats: A histological and <sc>diceCT</sc> study. <i>Anatomical Record</i> , 2022, 305, 1871-1891.	1.4	7
3	Fissures, folds, and scrolls: The ontogenetic basis for complexity of the nasal cavity in a fruit bat (<i>Rousettus leschenaultii</i>). <i>Anatomical Record</i> , 2021, 304, 883-900.	1.4	14
4	The threads that bind us. <i>Anatomical Record</i> , 2021, 304, 206-209.	1.4	0
5	â€œMucosal mapsâ€ of the canine nasal cavity: Microâ€computed tomography and histology. <i>Anatomical Record</i> , 2021, 304, 127-138.	1.4	6
6	Cranial synchondroses of primates at birth. <i>Anatomical Record</i> , 2021, 304, 1020-1053.	1.4	9
7	The dogâ€™human connection. <i>Anatomical Record</i> , 2021, 304, 10-18.	1.4	7
8	Inward collapse of the nasal cavity: Perinatal consolidation of the midface and cranial base in primates. <i>Anatomical Record</i> , 2021, 304, 939-957.	1.4	7
9	A comparison of diceCT and histology for determination of nasal epithelial type. <i>PeerJ</i> , 2021, 9, e12261.	2.0	3
10	Getting into Shape: Limb Bone Strength in Perinatal Lemur catta and Propithecus coquereli. <i>Anatomical Record</i> , 2020, 303, 250-264.	1.4	2
11	Is the Mole Rat Vomeronasal Organ Functional?. <i>Anatomical Record</i> , 2020, 303, 318-329.	1.4	18
12	Maxilloturbinal Aids in Nasophonation in Horseshoe Bats (Chiroptera: Rhinolophidae). <i>Anatomical Record</i> , 2020, 303, 110-128.	1.4	13
13	Extreme Anatomy: The Lottery Winners, Specialists, and Extreme Adaptations That Are No More. <i>Anatomical Record</i> , 2020, 303, 214-217.	1.4	3
14	Extreme Anatomy: Gear for the Pioneer. <i>Anatomical Record</i> , 2020, 303, 10-14.	1.4	4
15	Comparative dental anatomy in newborn primates: Cusp mineralization. <i>Anatomical Record</i> , 2020, 303, 2415-2475.	1.4	0
16	The Pelvic Girdle and Hindlimb Skeleton. , 2020, , 191-219.		0
17	The Newborn Primate Body Form: Phylogenetic and Life-History Influences. , 2020, , 220-234.		0
18	The Skull. , 2020, , 37-79.		1

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19	Primate Development and Growth. , 2020, , 9-27.		0
20	The Pectoral Girdle and Forelimb Skeleton. , 2020, , 163-190.		1
21	Why Ontogeny Matters. , 2020, , 28-36.		0
22	Dentition. , 2020, , 80-132.		0
23	Ontogeny of Feeding. , 2020, , 235-248.		0
24	The Postcranial Axial Skeleton. , 2020, , 133-162.		0
25	Ontogeny of Locomotion. , 2020, , 249-273.		0
26	Anatomy of the olfactory system. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2019, 164, 17-28.	1.8	42
27	Nasal airflow in the pygmy slow loris ( <i>Nycticebus pygmaeus</i> ) based on a combined histologic, computed tomographic, and computational fluid dynamics methodology. Journal of Experimental Biology, 2019, 222, .	1.7	11
28	Nasolacrimal anatomy and haplorhine origins. Journal of Human Evolution, 2018, 114, 176-183.	2.6	4
29	<i>E</i> mbryogenesis of the <i>U</i> ropygial <i>G</i> lands in the <i>L</i> aysan <i>A</i> lbattross ( <i>P</i> hoebastria <i>i</i> mmutabilis) ( <i>R</i> othschild, Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 62		
30	Unique Ontogenetic Patterns of Postorbital Septation in Tarsiers and the Issue of Trait Homology. , 2017, , 79-103.		18
31	Relative tooth size at birth in primates: Life history correlates. American Journal of Physical Anthropology, 2017, 164, 623-634.	2.1	22
32	Growth and Development at the Sphenoethmoidal Junction in Perinatal Primates. Anatomical Record, 2017, 300, 2115-2137.	1.4	36
33	Vomer nasal System Evolution. , 2017, , .		0
34	The Chiropteran Brain Database: Volumetric Survey of the Hypophysis in 165 Species. Anatomical Record, 2016, 299, 492-510.	1.4	3
35	Membranous Support for Eyes of Strepsirrhine Primates and Fruit Bats. Anatomical Record, 2016, 299, 1690-1703.	1.4	6
36	Early development and differentiation of the Laysan albatross ( <i>Phoebastria immutabilis</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62	1.2	22

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37	Ontogeny and Microanatomy of the Nasal Turbinals in Lemuriformes. <i>Anatomical Record</i> , 2016, 299, 1492-1510.	1.4	70
38	Ontogeny of the Postorbital Region in Tarsiers and Other Primates. <i>Anatomical Record</i> , 2016, 299, 1631-1645.	1.4	23
39	Dental Maturation, Eruption, and Gingival Emergence in the Upper Jaw of Newborn Primates. <i>Anatomical Record</i> , 2015, 298, 2098-2131.	1.4	40
40	Development of the nasolacrimal apparatus in the <i>Mongolian gerbil</i> ( <i>Meriones unguiculatus</i> ), with notes on network topology and function. <i>Journal of Morphology</i> , 2015, 276, 1005-1024.	1.2	8
41	The vomeronasal organ of <i>Lemur catta</i> . <i>American Journal of Primatology</i> , 2015, 77, 229-238.	1.7	55
42	Human Faces Are Slower than Chimpanzee Faces. <i>PLoS ONE</i> , 2014, 9, e110523.	2.5	13
43	Mapping the Nasal Airways: Using Histology to Enhance CT-Based Three-Dimensional Reconstruction in <i>Nycticebus</i> . <i>Anatomical Record</i> , 2014, 297, 2113-2120.	1.4	85
44	Tour of a Labyrinth: Exploring the Vertebrate Nose. <i>Anatomical Record</i> , 2014, 297, 1975-1984.	1.4	92
45	Mapping bone cell distributions to assess ontogenetic origin of primate midfacial form. <i>American Journal of Physical Anthropology</i> , 2014, 154, 424-435.	2.1	30
46	The Shrinking Anthropoid Nose, the Human Vomeronasal Organ, and the Language of Anatomical Reduction. <i>Anatomical Record</i> , 2014, 297, 2196-2204.	1.4	39
47	The Anatomy and Ontogeny of the Head, Neck, Pectoral, and Upper Limb Muscles of <i>Lemur catta</i> and <i>Propithecus coquereli</i> (Primates): Discussion on the Parallelism Between Ontogeny and Phylogeny and Implications for Evolutionary and Developmental Biology. <i>Anatomical Record</i> , 2014, 297, 1435-1453.	1.4	12
48	The role of the olfactory recess in olfactory airflow. <i>Journal of Experimental Biology</i> , 2014, 217, 1799-803.	1.7	68
49	Nasal Morphometry in Marmosets: Loss and Redistribution of Olfactory Surface Area. <i>Anatomical Record</i> , 2014, 297, 2093-2104.	1.4	69
50	Olfactory Epithelium in the Olfactory Recess: A Case Study in New World Leaf-Nosed Bats. <i>Anatomical Record</i> , 2014, 297, 2105-2112.	1.4	22
51	Comparative histomorphology of intrinsic vibrissa musculature among primates: implications for the evolution of sensory ecology and "face touch". <i>American Journal of Physical Anthropology</i> , 2013, 150, 301-312.	2.1	66
52	The Vomeronasal Complex of Nocturnal Strepsirhines and Implications for the Ancestral Condition in Primates. <i>Anatomical Record</i> , 2013, 296, 1881-1894.	1.4	56
53	At Birth, Tarsiers Lack a Postorbital Bar or Septum. <i>Anatomical Record</i> , 2013, 296, 365-377.	1.4	34
54	At Birth, Tarsiers Lack a Postorbital Bar or Septum. <i>Anatomical Record</i> , 2013, 296, C1-C1.	1.4	0

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55	Eye Size at Birth in Prosimian Primates: Life History Correlates and Growth Patterns. <i>PLoS ONE</i> , 2012, 7, e36097.	2.5	38
56	Microanatomical Variation of the Nasal Capsular Cartilage in Newborn Primates. <i>Anatomical Record</i> , 2012, 295, 950-960.	1.4	27
57	A Quantitative Study of Olfactory, Non-Olfactory, and Vomeronasal Epithelia in the Nasal Fossa of the Bat <i>Megaderma lyra</i> . <i>Journal of Mammalian Evolution</i> , 2012, 19, 27-41.	1.8	30
58	Size of Olfactory Structures in Strepsirrhines: Ontogenetic and Ecological Factors. , 2012, , 247-255.		0
59	Olfactory marker protein expression in the vomeronasal neuroepithelium of tamarins ( <i>Saguinus</i> spp). <i>Brain Research</i> , 2011, 1375, 7-18.	2.2	17
60	Comparative microcomputed tomography and histological study of maxillary pneumatization in four species of new world monkeys: The perinatal period. <i>American Journal of Physical Anthropology</i> , 2011, 144, 392-410.	2.1	39
61	Distribution of Olfactory and Nonolfactory Surface Area in the Nasal Fossa of <i>Microcebus murinus</i> : Implications for Microcomputed Tomography and Airflow Studies. <i>Anatomical Record</i> , 2011, 294, 1217-1225.	1.4	72
62	Behavioral and Ecological Consequences of Sex-Based Differences in Gustatory Anatomy in <i>Cebus apella</i> . <i>Anatomical Record</i> , 2011, 294, 2179-2192.	1.4	9
63	The Vomeronasal Organ of New World Monkeys (Platyrrhini). <i>Anatomical Record</i> , 2011, 294, 2158-2178.	1.4	41
64	Hip Anatomy and Ontogeny of Lower Limb Musculature in Three Species of Nonhuman Primates. <i>Anatomy Research International</i> , 2011, 2011, 1-13.	1.1	3
65	The Maxillary Sinus in Three Genera of New World Monkeys: Factors That Constrain Secondary Pneumatization. <i>Anatomical Record</i> , 2010, 293, 91-107.	1.4	47
66	The Orbitofacial Glands of Bats: An Investigation of the Potential Correlation of Gland Structure with Social Organization. <i>Anatomical Record</i> , 2010, 293, 1433-1448.	1.4	15
67	Vomeronasal System Evolution. , 2009, , 461-470.		6
68	Brief communication: Histology and micro CT as methods for assessment of facial suture patency. <i>American Journal of Physical Anthropology</i> , 2009, 138, 499-506.	2.1	33
69	Nasal Fossa of Mouse and Dwarf Lemurs (Primates, Cheirogaleidae). <i>Anatomical Record</i> , 2008, 291, 895-915.	1.4	119
70	The Nasal Fossa of Mouse and Dwarf Lemurs (Primates, Cheirogaleidae). <i>Anatomical Record</i> , 2008, 291, spc1-spc1.	1.4	0
71	Fate of the Nasal Capsular Cartilages in Prenatal and Perinatal Tamarins ( <i>Saguinus geoffroyi</i> ) and Extent of Secondary Pneumatization of Maxillary and Frontal Sinuses. <i>Anatomical Record</i> , 2008, 291, 1397-1413.	1.4	42
72	The Vomeronasal Organ and Its Evolutionary Loss in Catarrhine Primates. , 2007, , 141-148.		4

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73	Scaling of the first ethmoturbinal in nocturnal strepsirrhines: Olfactory and respiratory surfaces. <i>Anatomical Record</i> , 2007, 290, 215-237.	1.4	42
74	Light Microscopic and Ultrastructural Observations on the Vomeronasal Organ of <i>Anoura</i> (Chiroptera: Phyllostomidae). <i>Anatomical Record</i> , 2007, 290, 1341-1354.	1.4	14
75	Perinatal size and maturation of the olfactory and vomeronasal neuroepithelia in lorisooids and lemuroids. <i>American Journal of Primatology</i> , 2007, 69, 74-85.	1.7	52
76	Evolution of the nose and nasal skeleton in primates. <i>Evolutionary Anthropology</i> , 2007, 16, 132-146.	3.4	107
77	Ontogeny of the nasolacrimal duct in primates: functional and phylogenetic implications. <i>Journal of Anatomy</i> , 2007, 210, 195-208.	1.5	48
78	Growth-deficient vomeronasal organs in the naked mole-rat ( <i>Heterocephalus glaber</i> ). <i>Brain Research</i> , 2007, 1132, 78-83.	2.2	39
79	Comparison of hind limb muscle mass in neonate and adult prosimian primates. <i>Journal of Human Evolution</i> , 2007, 52, 231-242.	2.6	35
80	The primate Harderian gland: Does it really exist?. <i>Annals of Anatomy</i> , 2006, 188, 319-327.	1.9	16
81	Observations on the vomeronasal organ of <i>Pteronotus macleayii</i> and <i>Pteronotus quadridens</i> (Chiroptera: Mormoopidae) / Observations sur l'organe voméronasal de <i>Pteronotus macleayii</i> et <i>Pteronotus quadridens</i> (Chiroptères: Mormoopidae). <i>Mammalia</i> , 2006, 70, .	0.7	2
82	Comparative study of lectin reactivity in the vomeronasal organ of human and nonhuman primates. <i>The Anatomical Record Part A: Discoveries in Molecular, Cellular, and Evolutionary Biology</i> , 2005, 284A, 550-560.	2.0	10
83	Secondary pneumatization of the maxillary sinus in callitrichid primates: Insights from immunohistochemistry and bone cell distribution. <i>The Anatomical Record Part A: Discoveries in Molecular, Cellular, and Evolutionary Biology</i> , 2005, 285A, 677-689.	2.0	41
84	The vomeronasal organ of greater bushbabies ( <i>Otolemur</i> spp.): Species, sex, and age differences. <i>Journal of Neurocytology</i> , 2005, 34, 135-147.	1.5	24
85	The vomeronasal organ and associated structures of the fetal African elephant, <i>Loxodonta africana</i> (Proboscidea, Elephantidae). <i>Acta Zoologica</i> , 2004, 85, 41-52.	0.8	7
86	Ontogenetic observations on the vomeronasal organ in two species of tamarins using neuron-specific $\beta$ -tubulin III. <i>The Anatomical Record</i> , 2004, 278A, 409-418.	1.8	6
87	Evolution of the special senses in primates: Past, present, and future. <i>The Anatomical Record</i> , 2004, 281A, 1078-1082.	1.8	46
88	Distribution of olfactory epithelium in the primate nasal cavity: Are microsmia and macrosmia valid morphological concepts?. <i>The Anatomical Record</i> , 2004, 281A, 1173-1181.	1.8	63
89	Expression of neuron-specific markers by the vomeronasal neuroepithelium in six species of primates. <i>The Anatomical Record</i> , 2004, 281A, 1190-1200.	1.8	39
90	Microsmatic primates: Reconsidering how and when size matters. <i>The Anatomical Record</i> , 2004, 279B, 24-31.	1.8	116

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91	Ontogenetic characteristics of the vomeronasal organ in <i>Saguinus geoffroyi</i> and <i>Leontopithecus rosalia</i> , with comparisons to other primates. <i>American Journal of Physical Anthropology</i> , 2003, 121, 342-353.	2.1	17
92	Ontogeny of the nasopalatine duct in primates. <i>The Anatomical Record</i> , 2003, 274A, 862-869.	1.8	26
93	The human vomeronasal organ. V. An interpretation of its discovery by Ruysch, Jacobson, or K��lliker, with an English translation of K��lliker (1877). <i>The Anatomical Record Part B: the New Anatomist</i> , 2003, 270B, 4-15.	1.3	22
94	Observations on the vomeronasal organ of prenatal <i>Tarsius bancanus borneanus</i> with implications for ancestral morphology. <i>Journal of Anatomy</i> , 2003, 203, 473-481.	1.5	10
95	The Human Vomeronasal Organ: Part IV. Incidence, Topography, Endoscopy, and Ultrastructure of the Nasopalatine Recess, Nasopalatine Fossa, and Vomeronasal Organ. <i>American Journal of Rhinology &amp; Allergy</i> , 2002, 16, 343-350.	2.2	24
96	Histological definition of the vomeronasal organ in humans and chimpanzees, with a comparison to other primates. <i>The Anatomical Record</i> , 2002, 267, 166-176.	1.8	69
97	Cranial base changes following coronal suturectomy in craniosynostotic rabbits. <i>Orthodontics and Craniofacial Research</i> , 2002, 5, 90-103.	2.8	22
98	The existence of the vomeronasal organ in postnatal chimpanzees and evidence for its homology with that of humans. <i>Journal of Anatomy</i> , 2001, 198, 77-82.	1.5	36
99	The human vomeronasal organ. III. Postnatal development from infancy to the ninth decade. <i>Journal of Anatomy</i> , 2001, 199, 289-302.	1.5	61
100	Reappraisal of the vomeronasal system of catarrhine primates: Ontogeny, morphology, functionality, and persisting questions. <i>The Anatomical Record</i> , 2001, 265, 176-192.	1.8	78
101	Anatomical position of the Vomeronasal Organ in postnatal humans. <i>Annals of Anatomy</i> , 2001, 183, 475-479.	1.9	19
102	SIZE OF THE VOMERONASAL NEUROEPITHELIUM IN TWO SPECIES OF MICROTUS WITH DIFFERING LEVELS OF PATERNAL BEHAVIOR. <i>Journal of Mammalogy</i> , 2001, 82, 209-217.	1.3	7
103	Prenatal Growth and Adult Size of the Vomeronasal Organ in Mouse Lemurs and Humans. , 2001, , 93-99.		5
104	Comparative morphology and histochemistry of glands associated with the vomeronasal organ in humans, mouse lemurs, and voles. <i>The Anatomical Record</i> , 2000, 260, 92-101.	1.8	35
105	The human vomeronasal organ. Part II: prenatal development. <i>Journal of Anatomy</i> , 2000, 197, 421-436.	1.5	57
106	Searching for the vomeronasal organ of adult humans: Preliminary findings on location, structure, and size. , 1998, 41, 483-491.		42
107	A rabbit model of human familial, nonsyndromic unicoronal suture synostosis I. Synostotic onset, pathology, and sutural growth patterns. <i>Child's Nervous System</i> , 1998, 14, 236-246.	1.1	50
108	A rabbit model of human familial, nonsyndromic unicoronal suture synostosis II. Intracranial contents, intracranial volume, and intracranial pressure. <i>Child's Nervous System</i> , 1998, 14, 247-255.	1.1	62

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109	Formation and Enlargement of the Paranasal Sinuses in Normal and Cleft Lip and Palate Human Fetuses. <i>Cleft Palate-Craniofacial Journal</i> , 1997, 34, 483-489.	0.9	9
110	Formation and Enlargement of the Paranasal Sinuses in Normal and Cleft Lip and Palate Human Fetuses. <i>Cleft Palate-Craniofacial Journal</i> , 1997, 34, 483-489.	0.9	15
111	“Month of birth effect” does not alter longitudinal growth in an experimental animal model. , 1997, 9, 481-486.		3
112	Prenatal growth of the human vomeronasal organ. <i>The Anatomical Record</i> , 1997, 248, 447-455.	1.8	48
113	Prenatal growth of the human vomeronasal organ. <i>The Anatomical Record</i> , 1997, 248, 447-455.	1.8	3
114	Vomer nasal Organ Growth and Development in Normal and Cleft Lip and Palate Human Fetuses. <i>Cleft Palate-Craniofacial Journal</i> , 1996, 33, 385-394.	0.9	11
115	Vomer nasal Organ Growth and Development in Normal and Cleft Lip and Palate Human Fetuses. <i>Cleft Palate-Craniofacial Journal</i> , 1996, 33, 385-394.	0.9	18
116	Anterior Paraseptal Cartilage Development in Normal and Cleft Lip and Palate Human Fetal Specimens. <i>Cleft Palate-Craniofacial Journal</i> , 1994, 31, 239-245.	0.9	13
117	Evolutionary Changes in the Cranial Vault and Base: Establishing the Primate Form. , 0, , 273-294.		0
118	Cranial Base Dysmorphology and Growth in Facial Clefting. , 0, , 307-319.		0
119	Primate Olfaction: Anatomy and Evolution. , 0, , 135-166.		80
120	The chondrocranial key: Fetal and perinatal morphogenesis of the sphenoid bone in primates. <i>Vertebrate Zoology</i> , 0, 71, 535-558.	2.0	2
121	The existence of the vomeronasal organ in postnatal chimpanzees and evidence for its homology with that of humans. , 0, .		1
122	The nasal cavity in agoutis ( <i>Dasyprocta</i> spp.): a micro-computed tomographic and histological study. <i>Vertebrate Zoology</i> , 0, 72, 95-113.	2.0	3