Rebecca German

List of Publications by Year
in descending order

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Version: 2024-02-01

77 papers	1,920 citations	218677 26 h-index	315739 38 g-index
77 all docs	77 docs citations	77 times ranked	758 citing authors

#	Article	IF	Citations
1	Electromyographic activity during the reflex pharyngeal swallow in the pig: Doty and Bosma (1956) revisited. Journal of Applied Physiology, 2007, 102, 587-600.	2.5	113
2	Mechanism of intraoral transport in macaques. American Journal of Physical Anthropology, 1984, 65, 275-282.	2.1	87
3	Integration of the Reflex Pharyngeal Swallow Into Rhythmic Oral Activity in a Neurologically Intact Pig Model. Journal of Neurophysiology, 2009, 102, 1017-1025.	1.8	83
4	The mechanism of suckling in two species of infant mammal: Miniature pigs and long-tailed macaques. The Journal of Experimental Zoology, 1992, 261, 322-330.	1.4	80
5	Transition from suckling to drinking at weaning: A kinematic and electromyographic study in miniature pigs. , 1998, 280, 327-343.		78
6	New Directions for Understanding Neural Control in Swallowing: The Potential and Promise of Motor Learning. Dysphagia, 2013, 28, 1-10.	1.8	70
7	Ontogenetic and interspecific skeletal allometry in nonhuman primates: Bivariate versus multivariate analysis. American Journal of Physical Anthropology, 1981, 55, 195-202.	2.1	66
8	The functional morphology of caudal vertebrae in new world monkeys. American Journal of Physical Anthropology, 1982, 58, 453-459.	2.1	55
9	Correlation between intraoral pressures and tongue movements in the suckling pig. Archives of Oral Biology, 2004, 49, 567-575.	1.8	54
10	Adaptation of swallowing hyo-laryngeal kinematics is distinct in oral vs. pharyngeal sensory processing. Journal of Applied Physiology, 2012, 112, 1698-1705.	2.5	52
11	Human Hyolaryngeal Movements Show Adaptive Motor Learning During Swallowing. Dysphagia, 2013, 28, 139-145.	1.8	43
12	Animal Models for Dysphagia Studies: What Have We Learnt So Far. Dysphagia, 2017, 32, 73-77.	1.8	41
13	Ontogeny of Suckling Mechanisms in Opossums <i>(Didelphis virginiana)</i>. Brain, Behavior and Evolution, 1996, 48, 157-164.	1.7	38
14	Regional differences in length change and electromyographic heterogeneity in sternohyoid muscle during infant mammalian swallowing. Journal of Applied Physiology, 2010, 109, 439-448.	2.5	37
15	Impact of Rhythmic Oral Activity on the Timing of Muscle Activation in the Swallow of the Decerebrate Pig. Journal of Neurophysiology, 2009, 101, 1386-1393.	1.8	33
16	EMG activity in hyoid muscles during pig suckling. Journal of Applied Physiology, 2012, 112, 1512-1519.	2.5	33
17	Unilateral Superior Laryngeal Nerve Lesion in an Animal Model of Dysphagia and Its Effect on Sucking and Swallowing. Dysphagia, 2013, 28, 404-412.	1.8	33
18	Mechanism of intra-oral transport in a herbivore, the hyrax (Procavia syriacus). Archives of Oral Biology, 1985, 30, 539-544.	1.8	32

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19	Growth allometry of craniomandibular muscles, tendons, and bones in the laboratory rat (Rattus) Tj ETQq1 1 0.784314 rgBT /Overloc Anatomy, 1988, 182, 381-394.	1.0	31
20	Preterm birth disrupts the development of feeding and breathing coordination. Journal of Applied Physiology, 2019, 126, 1681-1686.	2.5	31
21	Timing in the movement of jaws, tongue, and hyoid during feeding in the hyrax,Procavia syriacus. The Journal of Experimental Zoology, 1991, 257, 34-42.	1.4	30
22	Mechanisms of swallowing and airway protection in infant mammals (Sus domesticus and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.7	30
23	The Concept of Hyoid Posture. Dysphagia, 2011, 26, 97-98.	1.8	29
24	A morphometric study of limb proportions in leaping prosimians. American Journal of Physical Anthropology, 1981, 54, 421-430.	2.1	28
25	Maturation of the Coordination Between Respiration and Deglutition with and Without Recurrent Laryngeal Nerve Lesion in an Animal Model. Dysphagia, 2018, 33, 627-635.	1.8	28
26	The functional morphometrics of the hip and thigh in leaping prosimians. American Journal of Physical Anthropology, 1981, 54, 481-498.	2.1	27
27	Development, Reliability, and Validation of an Infant Mammalian Penetrationâ€“Aspiration Scale. Dysphagia, 2013, 28, 178-187.	1.8	27
28	The Physiologic Impact of Unilateral Recurrent Laryngeal Nerve (RLN) Lesion on Infant Oropharyngeal and Esophageal Performance. Dysphagia, 2015, 30, 714-722.	1.8	27
29	Determinants of rhythm and rate in suckling. , 1997, 278, 1-8.		26
30	Volume and Rate of Milk Delivery as Determinants of Swallowing in an Infant Model Animal (Sus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 3	1.8	26
31	Central nervous system integration of sensorimotor signals in oral and pharyngeal structures: oropharyngeal kinematics response to recurrent laryngeal nerve lesion. Journal of Applied Physiology, 2016, 120, 495-502.	2.5	26
32	Development of the movement of the epiglottis in infant and juvenile pigs. Zoology, 2008, 111, 339-349.	1.2	25
33	The coordination and interaction between respiration and deglutition in young pigs. Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology, 1998, 182, 539-547.	1.6	24
34	Variation in EMG activity: a hierarchical approach. Integrative and Comparative Biology, 2008, 48, 283-293.	2.0	24
35	The effect of unilateral superior laryngeal nerve lesion on swallowing threshold volume. Laryngoscope, 2013, 123, 1942-1947.	2.0	24
36	The Effect of Bilateral Superior Laryngeal Nerve Lesion on Swallowing: A Novel Method to Quantitate Aspirated Volume and Pharyngeal Threshold in Videofluoroscopy. Dysphagia, 2015, 30, 47-56.	1.8	24

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37	Pre-pharyngeal Swallow Effects of Recurrent Laryngeal Nerve Lesion on Bolus Shape and Airway Protection in an Infant Pig Model. Dysphagia, 2017, 32, 362-373.	1.8	24
38	Sucking and swallowing rates after palatal anesthesia: an electromyographic study in infant pigs. Journal of Neurophysiology, 2013, 110, 387-396.	1.8	23
39	Food transport through the anterior oral cavity in macaques. American Journal of Physical Anthropology, 1989, 80, 369-377.	2.1	21
40	Premature birth impacts bolus size and shape through nursing in infant pigs. Pediatric Research, 2020, 87, 656-661.	2.3	20
41	Swallow Safety is Determined by Bolus Volume During Infant Feeding in an Animal Model. Dysphagia, 2021, 36, 120-129.	1.8	20
42	The epigenetic impact of weaning on craniofacial morphology during growth. , 1996, 276, 243-253.		17
43	Swallowing kinematics and airway protection after palatal local anesthesia in infant pigs. Laryngoscope, 2014, 124, 436-445.	2.0	17
44	Impact of recurrent laryngeal nerve lesion on oropharyngeal muscle activity and sensorimotor integration in an infant pig model. Journal of Applied Physiology, 2018, 125, 159-166.	2.5	17
45	Variation in the Timing and Frequency of Sucking and Swallowing over an Entire Feeding Session in the Infant Pig Sus scrofa. Dysphagia, 2014, 29, 475-482.	1.8	16
46	The effect of preterm birth, recurrent laryngeal nerve lesion, and postnatal maturation on hyoid and thyroid movements, and their coordination in infant feeding. Journal of Biomechanics, 2020, 105, 109786.	2.1	16
47	Ontogenetic Changes in Mammalian Feeding: Insights from Electromyographic Data. Integrative and Comparative Biology, 2011, 51, 282-288.	2.0	15
48	Regional Variation in Geniohyoid Muscle Strain During Suckling in the Infant Pig. Journal of Experimental Zoology, 2012, 317, 359-370.	1.2	13
49	Sucking versus swallowing coordination, integration, and performance in preterm and term infants. Journal of Applied Physiology, 2020, 129, 1383-1392.	2.5	13
50	Coordination between respiration and deglutition in a preterm infant mammal,Sus scrofa. Archives of Oral Biology, 1996, 41, 619-622.	1.8	12
51	Changes in the coordination between respiration and swallowing from suckling through weaning. Biology Letters, 2020, 16, 20190942.	2.3	12
52	The contractile patterns, anatomy and physiology of the hyoid musculature change longitudinally through infancy. Proceedings of the Royal Society B: Biological Sciences, 2021, 288, 20210052.	2.6	12
53	LVC Timing in Infant Pig Swallowing and the Effect of Safe Swallowing. Dysphagia, 2018, 33, 51-62.	1.8	11
54	Anatomical anomalies of the laryngeal branches of the vagus nerve in pigs (Sus scrofa). Laboratory Animals, 2012, 46, 338-340.	1.0	10

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55	Swallow Safety in Infant Pigs With and Without Recurrent Laryngeal Nerve Lesion. Dysphagia, 2020, 35, 978-984.	1.8	10
56	The role of animal models in understanding feeding behavior in infants. The International Journal of Orofacial Myology: Official Publication of the International Association of Orofacial Myology, 2004, 30, 20-30.	0.1	10
57	Regional differences in hyoid muscle activity and length dynamics during mammalian head shaking. Journal of Experimental Zoology, 2011, 315A, 111-120.	1.2	9
58	Reduced Coordination of Hyolaryngeal Elevation and Bolus Movement in a Pig Model of Preterm Infant Swallowing. Dysphagia, 2020, 35, 334-342.	1.8	9
59	Preterm Birth Impacts the Timing and Excursion of Oropharyngeal Structures during Infant Feeding. Integrative Organismal Biology, 2020, 2, obaa028.	1.8	9
60	Specific Vagus Nerve Lesion Have Distinctive Physiologic Mechanisms of Dysphagia. Frontiers in Neurology, 2019, 10, 1301.	2.4	8
61	Increased viscosity of milk during infant feeding improves swallow safety through modifying sucking in an animal model. Journal of Texture Studies, 2021, 52, 603-611.	2.5	7
62	Muscle activity and kinematics show different responses to recurrent laryngeal nerve lesion in mammal swallowing. Journal of Neurophysiology, 2020, 124, 1743-1753.	1.8	7
63	Anatomical and physiological variation of the hyoid musculature during swallowing in infant pigs. Journal of Experimental Biology, 2021, 224, .	1.7	7
64	Evidence of Oropharyngeal Dysfunction in Feeding in the Rat Rotenone Model of Parkinsonâ€™s Disease. Parkinson's Disease, 2018, 2018, 1-8.	1.1	6
65	The role of time and size in ontogenetic allometry: I. Review. Growth, Development and Aging, 1989, 53, 101-6.	0.1	6
66	Effects of Superior Laryngeal Nerve Lesion on Kinematics of Swallowing and Airway Protection in an Infant Pig Model. Dysphagia, 2020, 35, 907-917.	1.8	5
67	Does birth weight affect neonatal body weight, growth, and physiology in an animal model?. PLoS ONE, 2021, 16, e0246954.	2.5	5
68	Muscle Logic: New Knowledge Resource for Anatomy Enables Comprehensive Searches of the Literature on the Feeding Muscles of Mammals. PLoS ONE, 2016, 11, e0149102.	2.5	5
69	The role of time and size in ontogenetic allometry: II. An empirical study of human growth. Growth, Development and Aging, 1989, 53, 107-15.	0.1	4
70	The Pathway from Anatomy and Physiology to Diagnosis: A Developmental Perspective on Swallowing and Dysphagia. Dysphagia, 2023, 38, 33-41.	1.8	4
71	Comparative craniofacial variation in Navajo Indians and North American Caucasians. American Journal of Physical Anthropology, 1988, 76, 145-154.	2.1	3
72	Pathophysiology of aspiration in a unilateral SLN lesion model using quantitative analysis of VFSS. International Journal of Pediatric Otorhinolaryngology, 2021, 140, 110518.	1.0	2

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73	Variation in Protein and Calorie Consumption Following Protein Malnutrition in Rattus norvegicus. Animals, 2013, 3, 33-44.	2.3	0
74	The influence of locomotion and modularity on craniocaudal patterns of vertebral growth. FASEB Journal, 2013, 27, 755.10.	0.5	0
75	Sensorimotor Integration in Anatomy and Function during Feeding. FASEB Journal, 2015, 29, 349.3.	0.5	0
76	Decoupling of biomechanics of hyoid movement and bolus flow in preterm infants. FASEB Journal, 2019, 33, 769.6.	0.5	0
77	Impact of Nipple Properties on Coordination of Respiration and Swallowing in Infant Pigs. FASEB Journal, 2022, 36, .	0.5	0