

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	The Pathway from Anatomy and Physiology to Diagnosis: A Developmental Perspective on Swallowing and Dysphagia. <i>Dysphagia</i> , 2023, 38, 33-41.	1.8	4
2	Impact of Nipple Properties on Coordination of Respiration and Swallowing in Infant Pigs. <i>FASEB Journal</i> , 2022, 36, .	0.5	0
3	Swallow Safety is Determined by Bolus Volume During Infant Feeding in an Animal Model. <i>Dysphagia</i> , 2021, 36, 120-129.	1.8	20
4	Pathophysiology of aspiration in a unilateral SLN lesion model using quantitative analysis of VFSS. <i>International Journal of Pediatric Otorhinolaryngology</i> , 2021, 140, 110518.	1.0	2
5	Does birth weight affect neonatal body weight, growth, and physiology in an animal model?. <i>PLoS ONE</i> , 2021, 16, e0246954.	2.5	5
6	The contractile patterns, anatomy and physiology of the hyoid musculature change longitudinally through infancy. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2021, 288, 20210052.	2.6	12
7	Increased viscosity of milk during infant feeding improves swallow safety through modifying sucking in an animal model. <i>Journal of Texture Studies</i> , 2021, 52, 603-611.	2.5	7
8	Anatomical and physiological variation of the hyoid musculature during swallowing in infant pigs. <i>Journal of Experimental Biology</i> , 2021, 224, .	1.7	7
9	Reduced Coordination of Hyolaryngeal Elevation and Bolus Movement in a Pig Model of Preterm Infant Swallowing. <i>Dysphagia</i> , 2020, 35, 334-342.	1.8	9
10	Premature birth impacts bolus size and shape through nursing in infant pigs. <i>Pediatric Research</i> , 2020, 87, 656-661.	2.3	20
11	Preterm Birth Impacts the Timing and Excursion of Oropharyngeal Structures during Infant Feeding. <i>Integrative Organismal Biology</i> , 2020, 2, obaa028.	1.8	9
12	Sucking versus swallowing coordination, integration, and performance in preterm and term infants. <i>Journal of Applied Physiology</i> , 2020, 129, 1383-1392.	2.5	13
13	Effects of Superior Laryngeal Nerve Lesion on Kinematics of Swallowing and Airway Protection in an Infant Pig Model. <i>Dysphagia</i> , 2020, 35, 907-917.	1.8	5
14	Swallow Safety in Infant Pigs With and Without Recurrent Laryngeal Nerve Lesion. <i>Dysphagia</i> , 2020, 35, 978-984.	1.8	10
15	The effect of preterm birth, recurrent laryngeal nerve lesion, and postnatal maturation on hyoid and thyroid movements, and their coordination in infant feeding. <i>Journal of Biomechanics</i> , 2020, 105, 109786.	2.1	16
16	Changes in the coordination between respiration and swallowing from suckling through weaning. <i>Biology Letters</i> , 2020, 16, 20190942.	2.3	12
17	Muscle activity and kinematics show different responses to recurrent laryngeal nerve lesion in mammal swallowing. <i>Journal of Neurophysiology</i> , 2020, 124, 1743-1753.	1.8	7
18	Preterm birth disrupts the development of feeding and breathing coordination. <i>Journal of Applied Physiology</i> , 2019, 126, 1681-1686.	2.5	31

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19	Specific Vagus Nerve Lesion Have Distinctive Physiologic Mechanisms of Dysphagia. <i>Frontiers in Neurology</i> , 2019, 10, 1301.	2.4	8
20	Decoupling of biomechanics of hyoid movement and bolus flow in preterm infants. <i>FASEB Journal</i> , 2019, 33, 769.6.	0.5	0
21	Maturation of the Coordination Between Respiration and Deglutition with and Without Recurrent Laryngeal Nerve Lesion in an Animal Model. <i>Dysphagia</i> , 2018, 33, 627-635.	1.8	28
22	LVC Timing in Infant Pig Swallowing and the Effect of Safe Swallowing. <i>Dysphagia</i> , 2018, 33, 51-62.	1.8	11
23	Evidence of Oropharyngeal Dysfunction in Feeding in the Rat Rotenone Model of Parkinson's Disease. <i>Parkinson's Disease</i> , 2018, 2018, 1-8.	1.1	6
24	Impact of recurrent laryngeal nerve lesion on oropharyngeal muscle activity and sensorimotor integration in an infant pig model. <i>Journal of Applied Physiology</i> , 2018, 125, 159-166.	2.5	17
25	Animal Models for Dysphagia Studies: What Have We Learnt So Far. <i>Dysphagia</i> , 2017, 32, 73-77.	1.8	41
26	Pre-pharyngeal Swallow Effects of Recurrent Laryngeal Nerve Lesion on Bolus Shape and Airway Protection in an Infant Pig Model. <i>Dysphagia</i> , 2017, 32, 362-373.	1.8	24
27	Central nervous system integration of sensorimotor signals in oral and pharyngeal structures: oropharyngeal kinematics response to recurrent laryngeal nerve lesion. <i>Journal of Applied Physiology</i> , 2016, 120, 495-502.	2.5	26
28	Muscle Logic: New Knowledge Resource for Anatomy Enables Comprehensive Searches of the Literature on the Feeding Muscles of Mammals. <i>PLoS ONE</i> , 2016, 11, e0149102.	2.5	5
29	The Physiologic Impact of Unilateral Recurrent Laryngeal Nerve (RLN) Lesion on Infant Oropharyngeal and Esophageal Performance. <i>Dysphagia</i> , 2015, 30, 714-722.	1.8	27
30	The Effect of Bilateral Superior Laryngeal Nerve Lesion on Swallowing: A Novel Method to Quantitate Aspirated Volume and Pharyngeal Threshold in Videofluoroscopy. <i>Dysphagia</i> , 2015, 30, 47-56.	1.8	24
31	Sensorimotor Integration in Anatomy and Function during Feeding. <i>FASEB Journal</i> , 2015, 29, 349.3.	0.5	0
32	Swallowing kinematics and airway protection after palatal local anesthesia in infant pigs. <i>Laryngoscope</i> , 2014, 124, 436-445.	2.0	17
33	Variation in the Timing and Frequency of Sucking and Swallowing over an Entire Feeding Session in the Infant Pig <i>Sus scrofa</i> . <i>Dysphagia</i> , 2014, 29, 475-482.	1.8	16
34	Unilateral Superior Laryngeal Nerve Lesion in an Animal Model of Dysphagia and Its Effect on Sucking and Swallowing. <i>Dysphagia</i> , 2013, 28, 404-412.	1.8	33
35	Human Hyolaryngeal Movements Show Adaptive Motor Learning During Swallowing. <i>Dysphagia</i> , 2013, 28, 139-145.	1.8	43
36	Development, Reliability, and Validation of an Infant Mammalian Penetration/Aspiration Scale. <i>Dysphagia</i> , 2013, 28, 178-187.	1.8	27

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37	New Directions for Understanding Neural Control in Swallowing: The Potential and Promise of Motor Learning. <i>Dysphagia</i> , 2013, 28, 1-10.	1.8	70
38	Variation in Protein and Calorie Consumption Following Protein Malnutrition in <i>Rattus norvegicus</i> . <i>Animals</i> , 2013, 3, 33-44.	2.3	0
39	The effect of unilateral superior laryngeal nerve lesion on swallowing threshold volume. <i>Laryngoscope</i> , 2013, 123, 1942-1947.	2.0	24
40	Sucking and swallowing rates after palatal anesthesia: an electromyographic study in infant pigs. <i>Journal of Neurophysiology</i> , 2013, 110, 387-396.	1.8	23
41	The influence of locomotion and modularity on craniocaudal patterns of vertebral growth. <i>FASEB Journal</i> , 2013, 27, 755-10.	0.5	0
42	Anatomical anomalies of the laryngeal branches of the vagus nerve in pigs (<i>Sus scrofa</i>). <i>Laboratory Animals</i> , 2012, 46, 338-340.	1.0	10
43	Adaptation of swallowing hyo-laryngeal kinematics is distinct in oral vs. pharyngeal sensory processing. <i>Journal of Applied Physiology</i> , 2012, 112, 1698-1705.	2.5	52
44	EMG activity in hyoid muscles during pig suckling. <i>Journal of Applied Physiology</i> , 2012, 112, 1512-1519.	2.5	33
45	Regional Variation in Geniohyoid Muscle Strain During Suckling in the Infant Pig. <i>Journal of Experimental Zoology</i> , 2012, 317, 359-370.	1.2	13
46	The Concept of Hyoid Posture. <i>Dysphagia</i> , 2011, 26, 97-98.	1.8	29
47	Regional differences in hyoid muscle activity and length dynamics during mammalian head shaking. <i>Journal of Experimental Zoology</i> , 2011, 315A, 111-120.	1.2	9
48	Ontogenetic Changes in Mammalian Feeding: Insights from Electromyographic Data. <i>Integrative and Comparative Biology</i> , 2011, 51, 282-288.	2.0	15
49	Regional differences in length change and electromyographic heterogeneity in sternohyoid muscle during infant mammalian swallowing. <i>Journal of Applied Physiology</i> , 2010, 109, 439-448.	2.5	37
50	Impact of Rhythmic Oral Activity on the Timing of Muscle Activation in the Swallow of the Decerebrate Pig. <i>Journal of Neurophysiology</i> , 2009, 101, 1386-1393.	1.8	33
51	Integration of the Reflex Pharyngeal Swallow Into Rhythmic Oral Activity in a Neurologically Intact Pig Model. <i>Journal of Neurophysiology</i> , 2009, 102, 1017-1025.	1.8	83
52	Development of the movement of the epiglottis in infant and juvenile pigs. <i>Zoology</i> , 2008, 111, 339-349.	1.2	25
53	Variation in EMG activity: a hierarchical approach. <i>Integrative and Comparative Biology</i> , 2008, 48, 283-293.	2.0	24
54	Electromyographic activity during the reflex pharyngeal swallow in the pig: Doty and Bosma (1956) revisited. <i>Journal of Applied Physiology</i> , 2007, 102, 587-600.	2.5	113

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55	Correlation between intraoral pressures and tongue movements in the suckling pig. Archives of Oral Biology, 2004, 49, 567-575.	1.8	54
56	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 7	1.8	26
57	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
58	Transition from suckling to drinking at weaning: A kinematic and electromyographic study in miniature pigs. , 1998, 280, 327-343.		78
59	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
60	Mechanisms of swallowing and airway protection in infant mammals (<i>Sus domesticus</i> and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 7	1.7	30
61	Determinants of rhythm and rate in suckling. , 1997, 278, 1-8.		26
62	Ontogeny of Suckling Mechanisms in Opossums <i>(Didelphis virginiana)</i>. Brain, Behavior and Evolution, 1996, 48, 157-164.	1.7	38
63	Coordination between respiration and deglutition in a preterm infant mammal, Sus scrofa. Archives of Oral Biology, 1996, 41, 619-622.	1.8	12
64	The epigenetic impact of weaning on craniofacial morphology during growth. , 1996, 276, 243-253.		17
65	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
66	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
67	Food transport through the anterior oral cavity in macaques. American Journal of Physical Anthropology, 1989, 80, 369-377.	2.1	21
68	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
69	The role of time and size in ontogenetic allometry: I. Review. Growth, Development and Aging, 1989, 53, 101-6.	0.1	6
70	Comparative craniofacial variation in Navajo Indians and North American Caucasians. American Journal of Physical Anthropology, 1988, 76, 145-154.	2.1	3
71	Growth allometry of craniomandibular muscles, tendons, and bones in the laboratory rat (Rattus) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 7 Anatomy, 1988, 182, 381-394.	1.0	31
72	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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73	Mechanism of intraoral transport in macaques. American Journal of Physical Anthropology, 1984, 65, 275-282.	2.1	87
74	The functional morphology of caudal vertebrae in new world monkeys. American Journal of Physical Anthropology, 1982, 58, 453-459.	2.1	55
75	A morphometric study of limb proportions in leaping prosimians. American Journal of Physical Anthropology, 1981, 54, 421-430.	2.1	28
76	The functional morphometrics of the hip and thigh in leaping prosimians. American Journal of Physical Anthropology, 1981, 54, 481-498.	2.1	27
77	Ontogenetic and interspecific skeletal allometry in nonhuman primates: Bivariate versus multivariate analysis. American Journal of Physical Anthropology, 1981, 55, 195-202.	2.1	66