

Makoto Inoue

List of Publications by Year in descending order

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Version: 2024-02-01

107
papers

1,695
citations

304602

22
h-index

360920

35
g-index

108
all docs

108
docs citations

108
times ranked

1374
citing authors

#	ARTICLE	IF	CITATIONS
1	Correspondence between food consistency and suprahyoid muscle activity, tongue pressure, and bolus transit times during the oropharyngeal phase of swallowing. <i>Journal of Applied Physiology</i> , 2008, 105, 791-799.	1.2	132
2	Reduced NKG2D ligand expression in hepatocellular carcinoma correlates with early recurrence. <i>Journal of Hepatology</i> , 2012, 56, 381-388.	1.8	99
3	Coordination of cranial motoneurons during mastication. <i>Respiratory Physiology and Neurobiology</i> , 2005, 147, 177-189.	0.7	90
4	Effects of food texture and head posture on oropharyngeal swallowing. <i>Journal of Applied Physiology</i> , 2009, 106, 1848-1857.	1.2	55
5	Role of tongue pressure production in oropharyngeal swallow biomechanics. <i>Physiological Reports</i> , 2013, 1, e00167.	0.7	54
6	Tongue and jaw muscle activities during chewing and swallowing in freely behaving rabbits. <i>Brain Research</i> , 2001, 915, 185-194.	1.1	53
7	Changes in jaw muscle activity and the physical properties of foods with different textures during chewing behaviors. <i>Physiology and Behavior</i> , 2015, 152, 217-224.	1.0	48
8	Physical fitness and oral function in community-dwelling older people: a pilot study. <i>Gerodontology</i> , 2016, 33, 470-479.	0.8	45
9	Fluoroscopic Evaluation of Tongue and Jaw Movements During Mastication in Healthy Humans. <i>Dysphagia</i> , 2013, 28, 419-427.	1.0	41
10	Tongue Pressure Modulation for Initial Gel Consistency in a Different Oral Strategy. <i>PLoS ONE</i> , 2014, 9, e91920.	1.1	39
11	Development of a System to Monitor Laryngeal Movement during Swallowing Using a Bend Sensor. <i>PLoS ONE</i> , 2013, 8, e70850.	1.1	38
12	Laryngeal and tracheal afferent nerve stimulation evokes swallowing in anaesthetized guinea pigs. <i>Journal of Physiology</i> , 2013, 591, 4667-4679.	1.3	37
13	Mechanisms and prevention of sudden death in multiple system atrophy. <i>Parkinsonism and Related Disorders</i> , 2016, 30, 1-6.	1.1	36
14	Cerebellar repetitive transcranial magnetic stimulation restores pharyngeal brain activity and swallowing behaviour after disruption by a cortical virtual lesion. <i>Journal of Physiology</i> , 2019, 597, 2533-2546.	1.3	36
15	Comparison of mechanical analyses and tongue pressure analyses during squeezing and swallowing of gels. <i>Food Hydrocolloids</i> , 2015, 44, 145-155.	5.6	31
16	Effects of Food Consistency on Tongue Pressure during Swallowing. <i>Journal of Oral Biosciences</i> , 2006, 48, 278-285.	0.8	30
17	Differential involvement of two cortical masticatory areas in modulation of the swallowing reflex in rats. <i>Neuroscience Letters</i> , 2012, 528, 159-164.	1.0	30
18	Changes in the frequency of swallowing during electrical stimulation of superior laryngeal nerve in rats. <i>Brain Research Bulletin</i> , 2015, 111, 53-61.	1.4	28

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19	Effects of food consistency on the modulatory mode of the digastric reflex during chewing in freely behaving rabbits. <i>Brain Research</i> , 1998, 796, 257-264.	1.1	26
20	Differences in Chewing Behavior during Mastication of Foods with Different Textures. <i>Journal of Texture Studies</i> , 2013, 44, 45-55.	1.1	26
21	Biomechanics of human tongue movement during bolus compression and swallowing. <i>Journal of Oral Science</i> , 2013, 55, 191-198.	0.7	26
22	How do tablet properties influence swallowing behaviours?. <i>Journal of Pharmacy and Pharmacology</i> , 2013, 66, 32-39.	1.2	24
23	Coordination in oro-pharyngeal biomechanics during human swallowing. <i>Physiology and Behavior</i> , 2015, 147, 300-305.	1.0	23
24	Changes in reflex responses of the masseter and digastric muscles during sleep in freely behaving rabbits. <i>Neuroscience Research</i> , 1999, 34, 37-44.	1.0	22
25	Individual-dependent effects of pharyngeal electrical stimulation on swallowing in healthy humans. <i>Physiology and Behavior</i> , 2012, 106, 218-223.	1.0	21
26	Activity of peri-oral facial muscles and its coordination with jaw muscles during ingestive behavior in awake rabbits. <i>Brain Research</i> , 2004, 1001, 22-36.	1.1	20
27	Effects of electrical stimulation of the superior laryngeal nerve on the jaw-opening reflex. <i>Brain Research</i> , 2011, 1391, 44-53.	1.1	20
28	Differential response properties of peripherally and cortically evoked swallows by electrical stimulation in anesthetized rats. <i>Brain Research Bulletin</i> , 2016, 122, 12-18.	1.4	20
29	Immunohistochemical detection of ENaC α 2 in the terminal Schwann cells associated with the periodontal Ruffini endings of the rat incisor. <i>Biomedical Research</i> , 2009, 30, 113-119.	0.3	19
30	Esophageal Involvement in Multiple System Atrophy. <i>Dysphagia</i> , 2015, 30, 669-673.	1.0	18
31	Involvement of the epithelial sodium channel in initiation of mechanically evoked swallows in anaesthetized rats. <i>Journal of Physiology</i> , 2019, 597, 2949-2963.	1.3	18
32	Coordination of jaw and extrinsic tongue muscle activity during rhythmic jaw movements in anesthetized rabbits. <i>Brain Research</i> , 2004, 1016, 201-216.	1.1	17
33	Exploring the effects of synchronous pharyngeal electrical stimulation with swallowing carbonated water on cortical excitability in the human pharyngeal motor system. <i>Neurogastroenterology and Motility</i> , 2016, 28, 1391-1400.	1.6	17
34	Central inhibition of initiation of swallowing by systemic administration of diazepam and baclofen in anaesthetized rats. <i>American Journal of Physiology - Renal Physiology</i> , 2017, 312, G498-G507.	1.6	15
35	Survey of oral hypofunction in older outpatients at a dental hospital. <i>Journal of Oral Rehabilitation</i> , 2021, 48, 1173-1182.	1.3	15
36	Peripheral and central control of swallowing initiation in healthy humans. <i>Physiology and Behavior</i> , 2015, 151, 404-411.	1.0	14

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37	Cold thermal oral stimulation produces immediate excitability in human pharyngeal motor cortex. <i>Neurogastroenterology and Motility</i> , 2018, 30, e13384.	1.6	14
38	Involvement of hypoglossal and recurrent laryngeal nerves on swallowing pressure. <i>Journal of Applied Physiology</i> , 2018, 124, 1148-1154.	1.2	14
39	Effect of attention on chewing and swallowing behaviors in healthy humans. <i>Scientific Reports</i> , 2019, 9, 6013.	1.6	14
40	Convergence of selected inputs from sensory afferents to trigeminal premotor neurons with possible projections to masseter motoneurons in the rabbit. <i>Brain Research</i> , 2002, 957, 183-191.	1.1	13
41	Effects of food consistency on the pattern of extrinsic tongue muscle activities during mastication in freely moving rabbits. <i>Neuroscience Letters</i> , 2004, 368, 192-196.	1.0	13
42	Effect of body posture on involuntary swallow in healthy volunteers. <i>Physiology and Behavior</i> , 2016, 155, 250-259.	1.0	13
43	Sagittal Plane Kinematics of the Jaw and Hyolingual Apparatus During Swallowing in <i>Macaca mulatta</i> . <i>Dysphagia</i> , 2017, 32, 663-677.	1.0	13
44	Changes in jaw reflexes by stimulation of the hypothalamus in anesthetized rabbits. <i>Neuroscience Research</i> , 2001, 41, 61-65.	1.0	12
45	Extrinsic tongue and suprahyoid muscle activities during mastication in freely feeding rabbits. <i>Brain Research</i> , 2004, 1021, 173-182.	1.1	12
46	Inter-individual variation of bolus properties in triggering swallowing during chewing in healthy humans. <i>Journal of Oral Rehabilitation</i> , 2020, 47, 1161-1170.	1.3	12
47	Gastric Ewing sarcoma/primitive neuroectodermal tumor: A case report. <i>Oncology Letters</i> , 2011, 2, 207-210.	0.8	11
48	Effects of pharyngeal water stimulation on swallowing behaviors in healthy humans. <i>Experimental Brain Research</i> , 2013, 230, 197-205.	0.7	11
49	One step polymerizing technique for fabricating a hollow obturator. <i>Journal of Prosthodontic Research</i> , 2013, 57, 294-297.	1.1	11
50	Properties of hyoid muscle contraction during tongue lift measurement. <i>Journal of Oral Rehabilitation</i> , 2020, 47, 332-338.	1.3	11
51	Organization of pERK-immunoreactive cells in trigeminal spinal nucleus caudalis, upper cervical cord, NTS and Pa5 following capsaicin injection into masticatory and swallowing-related muscles in rats. <i>Brain Research</i> , 2011, 1417, 45-54.	1.1	10
52	Dysphagia Rehabilitation in Japan. <i>Journal of Nutritional Science and Vitaminology</i> , 2015, 61, S72-S73.	0.2	10
53	Suppression of the swallowing reflex by stimulation of the red nucleus. <i>Brain Research Bulletin</i> , 2015, 116, 25-33.	1.4	10
54	Age-related changes in functional adaptation to bolus characteristics during chewing. <i>Physiology and Behavior</i> , 2020, 225, 113102.	1.0	10

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55	Involvement of capsaicin-sensitive nerves in the initiation of swallowing evoked by carbonated water in anesthetized rats. <i>American Journal of Physiology - Renal Physiology</i> , 2020, 319, G564-G572.	1.6	10
56	Effects of the inferior alveolar nerve stimulation on tongue muscle activity during mastication in freely behaving rabbits. <i>Brain Research</i> , 2002, 956, 149-155.	1.1	9
57	Lasting modulation of human cortical swallowing motor pathways following thermal tongue stimulation. <i>Neurogastroenterology and Motility</i> , 2021, 33, e13938.	1.6	9
58	Coordination of Respiration, Swallowing, and Chewing in Healthy Young Adults. <i>Frontiers in Physiology</i> , 2021, 12, 696071.	1.3	9
59	Effects of chewing and swallowing behavior on jaw opening reflex responses in freely feeding rabbits. <i>Neuroscience Letters</i> , 2013, 535, 73-77.	1.0	8
60	Differential Response Pattern of Oropharyngeal Pressure by Bolus and Dry Swallows. <i>Dysphagia</i> , 2018, 33, 83-90.	1.0	8
61	Endurance measurement of hyoid muscle activity and hyoid laryngeal position during tongue lift movement. <i>Journal of Oral Rehabilitation</i> , 2020, 47, 967-976.	1.3	8
62	Modulation of jaw reflexes induced by noxious stimulation to the muscle in anesthetized rats. <i>Brain Research</i> , 2005, 1041, 72-86.	1.1	7
63	Evaluation of the association between orofacial pain and dysphagia. <i>Journal of Oral Science</i> , 2020, 62, 156-159.	0.7	7
64	Changes of bolus properties and the triggering of swallowing in healthy humans. <i>Journal of Oral Rehabilitation</i> , 2021, 48, 592-600.	1.3	7
65	Factors associated with xerostomia in perimenopausal women. <i>Journal of Obstetrics and Gynaecology Research</i> , 2021, 47, 3661-3668.	0.6	7
66	The Digastric Muscle is Less Involved in Pharyngeal Swallowing in Rabbits. <i>Dysphagia</i> , 2012, 27, 271-276.	1.0	6
67	Changes in the Oral Moisture and the Amount of Microorganisms in Saliva and Tongue Coating after Oral Ingestion Resumption: A Pilot Study. <i>Open Dentistry Journal</i> , 2016, 10, 79-88.	0.2	6
68	Factors associated with mucosal dryness in multiple regions and skin: A web-based study in women. <i>Journal of Obstetrics and Gynaecology Research</i> , 2017, 43, 880-886.	0.6	6
69	Effect of body posture on chewing behaviours in healthy volunteers. <i>Journal of Oral Rehabilitation</i> , 2017, 44, 835-842.	1.3	6
70	Effects of Carbonation and Temperature on Voluntary Swallowing in Healthy Humans. <i>Dysphagia</i> , 2021, 36, 384-392.	1.0	6
71	Antitussive effects of NaV 1.7 blockade in Guinea pigs. <i>European Journal of Pharmacology</i> , 2021, 907, 174192.	1.7	6
72	Spatial and temporal relationship between swallow-related hyoid movement and bolus propulsion during swallowing. <i>The Journal of Japanese Society of Stomatognathic Function</i> , 2013, 20, 22-32.	0.0	6

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73	Effect of peripherally and cortically evoked swallows on jaw reflex responses in anesthetized rabbits. <i>Brain Research</i> , 2018, 1694, 19-28.	1.1	5
74	Relationships Between Survival and Oral Status, Swallowing Function, and Oral Intake Level in Older Patients with Aspiration Pneumonia. <i>Dysphagia</i> , 2022, 37, 558-566.	1.0	5
75	Effects of pharyngeal electrical stimulation on swallowing performance. <i>PLoS ONE</i> , 2018, 13, e0190608.	1.1	5
76	Changes in reflex responses of the genioglossus muscle during sleep in rabbits. <i>Brain Research</i> , 2005, 1065, 79-85.	1.1	4
77	Unilateral application of an inflammatory irritant to the rat temporomandibular joint region produces bilateral modulation of the jaw-opening reflex. <i>Brain Research Bulletin</i> , 2005, 67, 182-188.	1.4	4
78	New Swallowing Evaluation Using Piezoelectricity in Normal Individuals. <i>Dysphagia</i> , 2015, 30, 759-767.	1.0	4
79	Immediate effect of laryngeal surface electrical stimulation on swallowing performance. <i>Journal of Applied Physiology</i> , 2018, 124, 10-15.	1.2	4
80	Liver-Intestine Cadherin in Intraepithelial Neoplasia of Intrahepatic Cholangiocarcinoma. <i>Hepato-Gastroenterology</i> , 2011, 58, 2045-51.	0.5	4
81	Relation between Bolus Size and Hyoid Movement during Normal Ingestion in Humans. <i>Journal of Oral Biosciences</i> , 2007, 49, 180-189.	0.8	3
82	Qualitative analysis of the vocabulary used in work logs of a preventive programme for elderly oral function and nutrition. <i>Journal of Oral Rehabilitation</i> , 2019, 46, 723-729.	1.3	3
83	Impact of Oral and Swallowing Function on the Feeding Status of Older Adults in Nursing Homes. <i>Gerontology</i> , 2021, 67, 168-176.	1.4	3
84	Questionnaire survey on pharyngolaryngeal sensation evaluation regarding dysphagia in Japan. <i>Auris Nasus Larynx</i> , 2021, 48, 666-671.	0.5	3
85	Effects of food consistency and subject's posture on the electromyographic activity in the genioglossus muscle in humans. <i>The Journal of Japanese Society of Stomatognathic Function</i> , 2007, 14, 13-23.	0.0	3
86	Functional Role of Suprahyoid Muscles in Bolus Formation During Mastication. <i>Frontiers in Physiology</i> , 0, 13, .	1.3	3
87	Evaluation of hyoid movement during swallowing using a bend sensor. <i>Journal of Oral Rehabilitation</i> , 2020, 47, 339-345.	1.3	2
88	Sustained laryngeal transient receptor potential vanilloid 1 activation inhibits mechanically induced swallowing in anesthetized rats. <i>American Journal of Physiology - Renal Physiology</i> , 2020, 319, G412-G419.	1.6	2
89	Before you work in dysphagia rehabilitation. <i>Annals of Japan Prosthodontic Society</i> , 2013, 5, 254-264.	0.0	2
90	Reflexogenic Areas for Velopharyngeal Closure in Rabbits. <i>Dysphagia</i> , 1998, 13, 156-159.	1.0	1

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91	Cholangiocellular Carcinoma Presenting as Budd-Chiari Syndrome: A Case Report and Literature Review. <i>Japanese Journal of Gastroenterological Surgery</i> , 2008, 41, 640-645.	0.0	1
92	Neural Mechanisms of Swallowing Inhibition Following Noxious Orofacial Stimulation. <i>Journal of Oral Biosciences</i> , 2011, 53, 137-142.	0.8	1
93	Possible Neuroplasticity of Swallow Related Function by Pharyngeal Electrical Stimulation. <i>The Journal of Japanese Society of Stomatognathic Function</i> , 2014, 21, 52-53.	0.0	1
94	Comparison of physical properties of voluntary coughing, huffing and swallowing in healthy subjects. <i>PLoS ONE</i> , 2020, 15, e0242810.	1.1	1
95	Chewing modulates the human cortical swallowing motor pathways. <i>Physiology and Behavior</i> , 2022, 249, 113763.	1.0	1
96	Cause of Impairments of Bolus Transport and Epiglottis Inversion. <i>Dysphagia</i> , 2022, 37, 1858-1860.	1.0	1
97	PTU-140...Exciting the Human Swallowing Motor System by Combination Stimuli: Effects of Pharyngeal Stimulation and Carbonated Liquids. <i>Gut</i> , 2016, 65, A126.2-A127.	6.1	0
98	Electrical Stimulation for Treatment of Dysphagia. <i>The Japanese Journal of Rehabilitation Medicine</i> , 2017, 54, 672-675.	0.0	0
99	New Swallowing Evaluation Method Using Piezoelectricity in Normal Individuals. <i>The Japanese Journal of Rehabilitation Medicine</i> , 2021, 58, 24-27.	0.0	0
100	Molecular Physiology of Pharyngeal/Laryngeal Sensory Systems Involved in Swallowing Initiation. <i>The Japanese Journal of Rehabilitation Medicine</i> , 2021, 58, 11-18.	0.0	0
101	Food-Stiffness Detection and Periodontal Masseteric Reflex for the Control of Chewing Movement in Autonomous Jaw-Movement Simulator JSN/3A. <i>Biomechanisms</i> , 2010, 20, 157-169.	0.1	0
102	Development of Autonomous Chewing-Movement Simulator <i>JSN</i>/3X. <i>Biomechanisms</i> , 2012, 21, 179-191.	0.1	0
103	Effect of oral taste stimulation on voluntary swallowing in healthy humans. <i>The Journal of Japanese Society of Stomatognathic Function</i> , 2014, 20, 106-114.	0.0	0
104	Evaluation of swallowing in Parkinson's disease patients by measuring tongue pressure and laryngeal movement. <i>The Journal of Japanese Society of Stomatognathic Function</i> , 2014, 20, 134-135.	0.0	0
105	Effect of pharyngeal liquid application on laryngeal movement and suprahyoid muscle activity during swallowing. <i>The Journal of Japanese Society of Stomatognathic Function</i> , 2015, 22, 6-13.	0.0	0
106	The relationship between tongue pressure and Stage II transport during squeezing jelly. <i>The Journal of Japanese Society of Stomatognathic Function</i> , 2015, 22, 38-39.	0.0	0
107	Impact of oral function on regaining oral intake and adjusting diet forms for acute stroke patients. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2022, 31, 106401.	0.7	0