

Makoto Inoue

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106
papers

1,236
citations

19
h-index

29
g-index

108
ext. papers

1,454
ext. citations

3.6
avg, IF

4.26
L-index

#	Paper	IF	Citations
106	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, 791-9	3.7	113
105	Reduced NKG2D ligand expression in hepatocellular carcinoma correlates with early recurrence. <i>Journal of Hepatology</i> , 2012 , 56, 381-8	13.4	80
104	Coordination of cranial motoneurons during mastication. <i>Respiratory Physiology and Neurobiology</i> , 2005 , 147, 177-89	2.8	71
103	Tongue and jaw muscle activities during chewing and swallowing in freely behaving rabbits. <i>Brain Research</i> , 2001 , 915, 185-94	3.7	44
102	Effects of food texture and head posture on oropharyngeal swallowing. <i>Journal of Applied Physiology</i> , 2009 , 106, 1848-57	3.7	43
101	Role of tongue pressure production in oropharyngeal swallow biomechanics. <i>Physiological Reports</i> , 2013 , 1, e00167	2.6	41
100	Changes in jaw muscle activity and the physical properties of foods with different textures during chewing behaviors. <i>Physiology and Behavior</i> , 2015 , 152, 217-24	3.5	35
99	Fluoroscopic evaluation of tongue and jaw movements during mastication in healthy humans. <i>Dysphagia</i> , 2013 , 28, 419-27	3.7	28
98	Laryngeal and tracheal afferent nerve stimulation evokes swallowing in anaesthetized guinea pigs. <i>Journal of Physiology</i> , 2013 , 591, 4667-79	3.9	28
97	Tongue pressure modulation for initial gel consistency in a different oral strategy. <i>PLoS ONE</i> , 2014 , 9, e91920	3.7	28
96	Development of a system to monitor laryngeal movement during swallowing using a bend sensor. <i>PLoS ONE</i> , 2013 , 8, e70850	3.7	27
95	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	3.9	24
94	Physical fitness and oral function in community-dwelling older people: a pilot study. <i>Gerodontology</i> , 2016 , 33, 470-479	2.8	24
93	Effects of food consistency on the modulatory mode of the digastric reflex during chewing in freely behaving rabbits. <i>Brain Research</i> , 1998 , 796, 257-64	3.7	22
92	Comparison of mechanical analyses and tongue pressure analyses during squeezing and swallowing of gels. <i>Food Hydrocolloids</i> , 2015 , 44, 145-155	10.6	21
91	Effects of Food Consistency on Tongue Pressure during Swallowing. <i>Journal of Oral Biosciences</i> , 2006 , 48, 278-285	2.5	21
90	Differences in Chewing Behavior during Mastication of Foods with Different Textures.. <i>Journal of Texture Studies</i> , 2013 , 44, 45-55	3.6	20

89	Biomechanics of human tongue movement during bolus compression and swallowing. <i>Journal of Oral Science</i> , 2013 , 55, 191-8	1.5	20
88	Changes in the frequency of swallowing during electrical stimulation of superior laryngeal nerve in rats. <i>Brain Research Bulletin</i> , 2015 , 111, 53-61	3.9	19
87	Mechanisms and prevention of sudden death in multiple system atrophy. <i>Parkinsonism and Related Disorders</i> , 2016 , 30, 1-6	3.6	19
86	Coordination in oro-pharyngeal biomechanics during human swallowing. <i>Physiology and Behavior</i> , 2015 , 147, 300-5	3.5	18
85	Differential involvement of two cortical masticatory areas in modulation of the swallowing reflex in rats. <i>Neuroscience Letters</i> , 2012 , 528, 159-64	3.3	18
84	Effects of electrical stimulation of the superior laryngeal nerve on the jaw-opening reflex. <i>Brain Research</i> , 2011 , 1391, 44-53	3.7	18
83	Individual-dependent effects of pharyngeal electrical stimulation on swallowing in healthy humans. <i>Physiology and Behavior</i> , 2012 , 106, 218-23	3.5	17
82	How do tablet properties influence swallowing behaviours?. <i>Journal of Pharmacy and Pharmacology</i> , 2014 , 66, 32-9	4.8	17
81	Immunohistochemical detection of ENaCbeta in the terminal Schwann cells associated with the periodontal Ruffini endings of the rat incisor. <i>Biomedical Research</i> , 2009 , 30, 113-9	1.5	17
80	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	3.7	17
79	Differential response properties of peripherally and cortically evoked swallows by electrical stimulation in anesthetized rats. <i>Brain Research Bulletin</i> , 2016 , 122, 12-8	3.9	16
78	Coordination of jaw and extrinsic tongue muscle activity during rhythmic jaw movements in anesthetized rabbits. <i>Brain Research</i> , 2004 , 1016, 201-16	3.7	15
77	Changes in reflex responses of the masseter and digastric muscles during sleep in freely behaving rabbits. <i>Neuroscience Research</i> , 1999 , 34, 37-44	2.9	15
76	Involvement of hypoglossal and recurrent laryngeal nerves on swallowing pressure. <i>Journal of Applied Physiology</i> , 2018 , 124, 1148-1154	3.7	14
75	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, 1391-400	4	13
74	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, 183-91	3.7	13
73	Extrinsic tongue and suprahyoid muscle activities during mastication in freely feeding rabbits. <i>Brain Research</i> , 2004 , 1021, 173-82	3.7	12
72	Effects of food consistency on the pattern of extrinsic tongue muscle activities during mastication in freely moving rabbits. <i>Neuroscience Letters</i> , 2004 , 368, 192-6	3.3	12

71	Changes in jaw reflexes by stimulation of the hypothalamus in anesthetized rabbits. <i>Neuroscience Research</i> , 2001 , 41, 61-5	2.9	12
70	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	5.1	11
69	Esophageal Involvement in Multiple System Atrophy. <i>Dysphagia</i> , 2015 , 30, 669-73	3.7	11
68	Peripheral and central control of swallowing initiation in healthy humans. <i>Physiology and Behavior</i> , 2015 , 151, 404-11	3.5	11
67	Cold thermal oral stimulation produces immediate excitability in human pharyngeal motor cortex. <i>Neurogastroenterology and Motility</i> , 2018 , 30, e13384	4	11
66	Sagittal Plane Kinematics of the Jaw and Hyolingual Apparatus During Swallowing in Macaca mulatta. <i>Dysphagia</i> , 2017 , 32, 663-677	3.7	10
65	Involvement of the epithelial sodium channel in initiation of mechanically evoked swallows in anaesthetized rats. <i>Journal of Physiology</i> , 2019 , 597, 2949-2963	3.9	10
64	Effect of attention on chewing and swallowing behaviors in healthy humans. <i>Scientific Reports</i> , 2019 , 9, 6013	4.9	9
63	Effect of body posture on involuntary swallow in healthy volunteers. <i>Physiology and Behavior</i> , 2016 , 155, 250-9	3.5	9
62	Effects of pharyngeal water stimulation on swallowing behaviors in healthy humans. <i>Experimental Brain Research</i> , 2013 , 230, 197-205	2.3	9
61	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	3.7	9
60	One step polymerizing technique for fabricating a hollow obturator. <i>Journal of Prosthodontic Research</i> , 2013 , 57, 294-7	4.3	8
59	Properties of hyoid muscle contraction during tongue lift measurement. <i>Journal of Oral Rehabilitation</i> , 2020 , 47, 332-338	3.4	8
58	Inter-individual variation of bolus properties in triggering swallowing during chewing in healthy humans. <i>Journal of Oral Rehabilitation</i> , 2020 , 47, 1161-1170	3.4	7
57	Gastric Ewing sarcoma/primitive neuroectodermal tumor: A case report. <i>Oncology Letters</i> , 2011 , 2, 207-210	2.0	7
56	Effects of the inferior alveolar nerve stimulation on tongue muscle activity during mastication in freely behaving rabbits. <i>Brain Research</i> , 2002 , 956, 149-55	3.7	7
55	Lasting modulation of human cortical swallowing motor pathways following thermal tongue stimulation. <i>Neurogastroenterology and Motility</i> , 2021 , 33, e13938	4	7
54	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	1.9	6

53	Differential Response Pattern of Oropharyngeal Pressure by Bolus and Dry Swallows. <i>Dysphagia</i> , 2018 , 33, 83-90	3.7	6
52	Modulation of jaw reflexes induced by noxious stimulation to the muscle in anesthetized rats. <i>Brain Research</i> , 2005 , 1041, 72-86	3.7	6
51	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	0.1	6
50	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	0.8	6
49	Suppression of the swallowing reflex by stimulation of the red nucleus. <i>Brain Research Bulletin</i> , 2015 , 116, 25-33	3.9	5
48	Endurance measurement of hyoid muscle activity and hyoid-laryngeal position during tongue lift movement. <i>Journal of Oral Rehabilitation</i> , 2020 , 47, 967-976	3.4	5
47	Evaluation of the association between orofacial pain and dysphagia. <i>Journal of Oral Science</i> , 2020 , 62, 156-159	1.5	5
46	Dysphagia Rehabilitation in Japan. <i>Journal of Nutritional Science and Vitaminology</i> , 2015 , 61 Suppl, S72-31.1		5
45	Effects of pharyngeal electrical stimulation on swallowing performance. <i>PLoS ONE</i> , 2018 , 13, e0190608	3.7	5
44	New Swallowing Evaluation Using Piezoelectricity in Normal Individuals. <i>Dysphagia</i> , 2015 , 30, 759-67	3.7	4
43	Immediate effect of laryngeal surface electrical stimulation on swallowing performance. <i>Journal of Applied Physiology</i> , 2018 , 124, 10-15	3.7	4
42	Effects of chewing and swallowing behavior on jaw opening reflex responses in freely feeding rabbits. <i>Neuroscience Letters</i> , 2013 , 535, 73-7	3.3	4
41	Effect of body posture on chewing behaviours in healthy volunteers. <i>Journal of Oral Rehabilitation</i> , 2017 , 44, 835-842	3.4	4
40	The digastric muscle is less involved in pharyngeal swallowing in rabbits. <i>Dysphagia</i> , 2012 , 27, 271-6	3.7	4
39	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, 182-8	3.9	4
38	Liver-intestine cadherin in intraepithelial neoplasia of intrahepatic cholangiocarcinoma. <i>Hepato-Gastroenterology</i> , 2011 , 58, 2045-51		4
37	Age-related changes in functional adaptation to bolus characteristics during chewing. <i>Physiology and Behavior</i> , 2020 , 225, 113102	3.5	4
36	Effect of peripherally and cortically evoked swallows on jaw reflex responses in anesthetized rabbits. <i>Brain Research</i> , 2018 , 1694, 19-28	3.7	3

35	Relation between Bolus Size and Hyoid Movement during Normal Ingestion in Humans. <i>Journal of Oral Biosciences</i> , 2007 , 49, 180-189	2.5	3
34	Changes in reflex responses of the genioglossus muscle during sleep in rabbits. <i>Brain Research</i> , 2005 , 1065, 79-85	3.7	3
33	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	3.4	2
32	Before you work in dysphagia rehabilitation. <i>Annals of Japan Prosthodontic Society</i> , 2013 , 5, 254-264	0	2
31	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	5.1	2
30	Effects of Carbonation and Temperature on Voluntary Swallowing in Healthy Humans. <i>Dysphagia</i> , 2021 , 36, 384-392	3.7	2
29	Survey of oral hypofunction in older outpatients at a dental hospital. <i>Journal of Oral Rehabilitation</i> , 2021 , 48, 1173-1182	3.4	2
28	Antitussive effects of Na 1.7 blockade in Guinea pigs. <i>European Journal of Pharmacology</i> , 2021 , 907, 174192	5.3	2
27	Possible Neuroplasticity of Swallow Related Function by Pharyngeal Electrical Stimulation. <i>The Journal of Japanese Society of Stomatognathic Function</i> , 2014 , 21, 52-53	0.1	1
26	Neural Mechanisms of Swallowing Inhibition Following Noxious Orofacial Stimulation. <i>Journal of Oral Biosciences</i> , 2011 , 53, 137-142	2.5	1
25	Reflexogenic areas for velopharyngeal closure in rabbits. <i>Dysphagia</i> , 1998 , 13, 156-9	3.7	1
24	Cholangiocellular Carcinoma Presenting as Budd-Chiari Syndrome: A Case Report and Literature Review. <i>Japanese Journal of Gastroenterological Surgery</i> , 2008 , 41, 640-645	0.1	1
23	Comparison of physical properties of voluntary coughing, huffing and swallowing in healthy subjects. <i>PLoS ONE</i> , 2020 , 15, e0242810	3.7	1
22	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	0.1	1
21	Evaluation of hyoid movement during swallowing using a bend sensor. <i>Journal of Oral Rehabilitation</i> , 2020 , 47, 339-345	3.4	1
20	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	5.1	1
19	Coordination of Respiration, Swallowing, and Chewing in Healthy Young Adults. <i>Frontiers in Physiology</i> , 2021 , 12, 696071	4.6	1
18	Impact of Oral and Swallowing Function on the Feeding Status of Older Adults in Nursing Homes. <i>Gerontology</i> , 2021 , 67, 168-176	5.5	1

17	Factors associated with xerostomia in perimenopausal women. <i>Journal of Obstetrics and Gynaecology Research</i> , 2021 , 47, 3661-3668	1.9	1
16	Relationships Between Survival and Oral Status, Swallowing Function, and Oral Intake Level in Older Patients with Aspiration Pneumonia. <i>Dysphagia</i> , 2021 , 1	3.7	0
15	Changes of bolus properties and the triggering of swallowing in healthy humans. <i>Journal of Oral Rehabilitation</i> , 2021 , 48, 592-600	3.4	0
14	Questionnaire survey on pharyngolaryngeal sensation evaluation regarding dysphagia in Japan. <i>Auris Nasus Larynx</i> , 2021 , 48, 666-671	2.2	0
13	Chewing modulates the human cortical swallowing motor pathways.. <i>Physiology and Behavior</i> , 2022 , 249, 113763	3.5	0
12	Electrical Stimulation for Treatment of Dysphagia. <i>The Japanese Journal of Rehabilitation Medicine</i> , 2017 , 54, 672-675	0	
11	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	19.2	
10	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	0.1	
9	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	0.1	
8	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	0.2	
7	Development of Autonomous Chewing-Movement Simulator JSN/3X. <i>Biomechanisms</i> , 2012 , 21, 179-191	0.2	
6	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	0.1	
5	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	0.1	
4	New Swallowing Evaluation Method Using Piezoelectricity in Normal Individuals. <i>The Japanese Journal of Rehabilitation Medicine</i> , 2021 , 58, 24-27	0	
3	Molecular Physiology of Pharyngeal/Laryngeal Sensory Systems Involved in Swallowing Initiation. <i>The Japanese Journal of Rehabilitation Medicine</i> , 2021 , 58, 11-18	0	
2	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	2.8	
1	Cause of Impairments of Bolus Transport and Epiglottis Inversion.. <i>Dysphagia</i> , 2022 , 1	3.7	