Makoto Inoue

List of Publications by Year in Descending Order

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	Chewing modulates the human cortical swallowing motor pathways.. *Physiology and Behavior*, **2022**, 249, 113763	3.5	0
105	Impact of oral function on regaining oral intake and adjusting diet forms for acute stroke patients.. *Journal of Stroke and Cerebrovascular Diseases*, **2022**, 31, 106401	2.8	
104	Cause of Impairments of Bolus Transport and Epiglottis Inversion.. *Dysphagia*, **2022**, 1	3.7	
103	Relationships Between Survival and Oral Status, Swallowing Function, and Oral Intake Level in Older Patients with Aspiration Pneumonia. *Dysphagia*, **2021**, 1	3.7	0
102	Coordination of Respiration, Swallowing, and Chewing in Healthy Young Adults. *Frontiers in Physiology*, **2021**, 12, 696071	4.6	1
101	Effects of Carbonation and Temperature on Voluntary Swallowing in Healthy Humans. *Dysphagia*, **2021**, 36, 384-392	3.7	2
100	Lasting modulation of human cortical swallowing motor pathways following thermal tongue stimulation. *Neurogastroenterology and Motility*, **2021**, 33, e13938	4	7
99	Impact of Oral and Swallowing Function on the Feeding Status of Older Adults in Nursing Homes. *Gerontology*, **2021**, 67, 168-176	5.5	1
98	New Swallowing Evaluation Method Using Piezoelectricity in Normal Individuals. *The Japanese Journal of Rehabilitation Medicine*, **2021**, 58, 24-27	0	
97	Changes of bolus properties and the triggering of swallowing in healthy humans. *Journal of Oral Rehabilitation*, **2021**, 48, 592-600	3.4	0
96	Factors associated with xerostomia in perimenopausal women. *Journal of Obstetrics and Gynaecology Research*, **2021**, 47, 3661-3668	1.9	1
95	Questionnaire survey on pharyngolaryngeal sensation evaluation regarding dysphagia in Japan. *Auris Nasus Larynx*, **2021**, 48, 666-671	2.2	0
94	Survey of oral hypofunction in older outpatients at a dental hospital. *Journal of Oral Rehabilitation*, **2021**, 48, 1173-1182	3.4	2
93	Antitussive effects of Na 1.7 blockade in Guinea pigs. *European Journal of Pharmacology*, **2021**, 907, 174192	3.3	2
92	Molecular Physiology of Pharyngeal/Laryngeal Sensory Systems Involved in Swallowing Initiation. *The Japanese Journal of Rehabilitation Medicine*, **2021**, 58, 11-18	0	
91	Endurance measurement of hyoid muscle activity and hyoid-laryngeal position during tongue lift movement. *Journal of Oral Rehabilitation*, **2020**, 47, 967-976	3.4	5
90	Evaluation of the association between orofacial pain and dysphagia. *Journal of Oral Science*, **2020**, 62, 156-159	1.5	5

89	Inter-individual variation of bolus properties in triggering swallowing during chewing in healthy humans. *Journal of Oral Rehabilitation*, **2020**, 47, 1161-1170	3.4	7
88	Comparison of physical properties of voluntary coughing, huffing and swallowing in healthy subjects. *PLoS ONE*, **2020**, 15, e0242810	3.7	1
87	Evaluation of hyoid movement during swallowing using a bend sensor. *Journal of Oral Rehabilitation*, **2020**, 47, 339-345	3.4	1
86	Age-related changes in functional adaptation to bolus characteristics during chewing. *Physiology and Behavior*, **2020**, 225, 113102	3.5	4
85	Sustained laryngeal transient receptor potential vanilloid 1 activation inhibits mechanically induced swallowing in anesthetized rats. *American Journal of Physiology - Renal Physiology*, **2020**, 319, G412-G419	5.1	1
84	Involvement of capsaicin-sensitive nerves in the initiation of swallowing evoked by carbonated water in anesthetized rats. *American Journal of Physiology - Renal Physiology*, **2020**, 319, G564-G572	5.1	2
83	Properties of hyoid muscle contraction during tongue lift measurement. *Journal of Oral Rehabilitation*, **2020**, 47, 332-338	3.4	8
82	Involvement of the epithelial sodium channel in initiation of mechanically evoked swallows in anaesthetized rats. *Journal of Physiology*, **2019**, 597, 2949-2963	3.9	10
81	Qualitative analysis of the vocabulary used in work logs of a preventive programme for elderly oral function and nutrition. *Journal of Oral Rehabilitation*, **2019**, 46, 723-729	3.4	2
80	Cerebellar repetitive transcranial magnetic stimulation restores pharyngeal brain activity and swallowing behaviour after disruption by a cortical virtual lesion. *Journal of Physiology*, **2019**, 597, 2533-2546	3.9	24
79	Effect of attention on chewing and swallowing behaviors in healthy humans. *Scientific Reports*, **2019**, 9, 6013	4.9	9
78	Immediate effect of laryngeal surface electrical stimulation on swallowing performance. *Journal of Applied Physiology*, **2018**, 124, 10-15	3.7	4
77	Differential Response Pattern of Oropharyngeal Pressure by Bolus and Dry Swallows. *Dysphagia*, **2018**, 33, 83-90	3.7	6
76	Involvement of hypoglossal and recurrent laryngeal nerves on swallowing pressure. *Journal of Applied Physiology*, **2018**, 124, 1148-1154	3.7	14
75	Effect of peripherally and cortically evoked swallows on jaw reflex responses in anesthetized rabbits. *Brain Research*, **2018**, 1694, 19-28	3.7	3
74	Effects of pharyngeal electrical stimulation on swallowing performance. *PLoS ONE*, **2018**, 13, e0190608	3.7	5
73	Cold thermal oral stimulation produces immediate excitability in human pharyngeal motor cortex. *Neurogastroenterology and Motility*, **2018**, 30, e13384	4	11
72	Factors associated with mucosal dryness in multiple regions and skin: A web-based study in women. *Journal of Obstetrics and Gynaecology Research*, **2017**, 43, 880-886	1.9	6

71	Sagittal Plane Kinematics of the Jaw and Hyolingual Apparatus During Swallowing in Macaca mulatta. *Dysphagia*, **2017**, 32, 663-677	3.7	10
70	Central inhibition of initiation of swallowing by systemic administration of diazepam and baclofen in anaesthetized rats. *American Journal of Physiology - Renal Physiology*, **2017**, 312, G498-G507	5.1	11
69	Electrical Stimulation for Treatment of Dysphagia. *The Japanese Journal of Rehabilitation Medicine*, **2017**, 54, 672-675	0	
68	Effect of body posture on chewing behaviours in healthy volunteers. *Journal of Oral Rehabilitation*, **2017**, 44, 835-842	3.4	4
67	PTU-140 Exciting the Human Swallowing Motor System by Combination Stimuli: Effects of Pharyngeal Stimulation and Carbonated Liquids. *Gut*, **2016**, 65, A126.2-A127	19.2	
66	Exploring the effects of synchronous pharyngeal electrical stimulation with swallowing carbonated water on cortical excitability in the human pharyngeal motor system. *Neurogastroenterology and Motility*, **2016**, 28, 1391-400	4	13
65	Effect of body posture on involuntary swallow in healthy volunteers. *Physiology and Behavior*, **2016**, 155, 250-9	3.5	9
64	Differential response properties of peripherally and cortically evoked swallows by electrical stimulation in anesthetized rats. *Brain Research Bulletin*, **2016**, 122, 12-8	3.9	16
63	Changes in the Oral Moisture and the Amount of Microorganisms in Saliva and Tongue Coating after Oral Ingestion Resumption: A Pilot Study. *Open Dentistry Journal*, **2016**, 10, 79-88	0.8	6
62	Physical fitness and oral function in community-dwelling older people: a pilot study. *Gerodontology*, **2016**, 33, 470-479	2.8	24
61	Mechanisms and prevention of sudden death in multiple system atrophy. *Parkinsonism and Related Disorders*, **2016**, 30, 1-6	3.6	19
60	Esophageal Involvement in Multiple System Atrophy. *Dysphagia*, **2015**, 30, 669-73	3.7	11
59	Suppression of the swallowing reflex by stimulation of the red nucleus. *Brain Research Bulletin*, **2015**, 116, 25-33	3.9	5
58	Coordination in oro-pharyngeal biomechanics during human swallowing. *Physiology and Behavior*, **2015**, 147, 300-5	3.5	18
57	Peripheral and central control of swallowing initiation in healthy humans. *Physiology and Behavior*, **2015**, 151, 404-11	3.5	11
56	Changes in the frequency of swallowing during electrical stimulation of superior laryngeal nerve in rats. *Brain Research Bulletin*, **2015**, 111, 53-61	3.9	19
55	New Swallowing Evaluation Using Piezoelectricity in Normal Individuals. *Dysphagia*, **2015**, 30, 759-67	3.7	4
54	Comparison of mechanical analyses and tongue pressure analyses during squeezing and swallowing of gels. *Food Hydrocolloids*, **2015**, 44, 145-155	10.6	21

53	Dysphagia Rehabilitation in Japan. *Journal of Nutritional Science and Vitaminology*, **2015**, 61 Suppl, S72-3	1.1	5
52	Changes in jaw muscle activity and the physical properties of foods with different textures during chewing behaviors. *Physiology and Behavior*, **2015**, 152, 217-24	3.5	35
51	Effect of pharyngeal liquid application on laryngeal movement and suprahyoid muscle activity during swallowing. *The Journal of Japanese Society of Stomatognathic Function*, **2015**, 22, 6-13	0.1	
50	The relationship between tongue pressure and Stage II transport during squeezing jelly. *The Journal of Japanese Society of Stomatognathic Function*, **2015**, 22, 38-39	0.1	
49	Possible Neuroplacitic of Swallow Related Function by Pharyngeal Electrical Stimulation. *The Journal of Japanese Society of Stomatognathic Function*, **2014**, 21, 52-53	0.1	1
48	How do tablet properties influence swallowing behaviours?. *Journal of Pharmacy and Pharmacology* , **2014**, 66, 32-9	4.8	17
47	Tongue pressure modulation for initial gel consistency in a different oral strategy. *PLoS ONE*, **2014**, 9, e91920	3.7	28
46	Effect of oral taste stimulation on voluntary swallowing in healthy humans. *The Journal of Japanese Society of Stomatognathic Function*, **2014**, 20, 106-114	0.1	
45	Evaluation of swallowing in Parkinson's disease patients by measuring tongue pressure and laryngeal movement. *The Journal of Japanese Society of Stomatognathic Function*, **2014**, 20, 134-135	0.1	
44	Differences in Chewing Behavior during Mastication of Foods with Different Textures.. *Journal of Texture Studies*, **2013**, 44, 45-55	3.6	20
43	Effects of pharyngeal water stimulation on swallowing behaviors in healthy humans. *Experimental Brain Research*, **2013**, 230, 197-205	2.3	9
42	Fluoroscopic evaluation of tongue and jaw movements during mastication in healthy humans. *Dysphagia*, **2013**, 28, 419-27	3.7	28
41	Laryngeal and tracheal afferent nerve stimulation evokes swallowing in anaesthetized guinea pigs. *Journal of Physiology*, **2013**, 591, 4667-79	3.9	28
40	One step polymerizing technique for fabricating a hollow obturator. *Journal of Prosthodontic Research*, **2013**, 57, 294-7	4.3	8
39	Effects of chewing and swallowing behavior on jaw opening reflex responses in freely feeding rabbits. *Neuroscience Letters*, **2013**, 535, 73-7	3.3	4
38	Role of tongue pressure production in oropharyngeal swallow biomechanics. *Physiological Reports*, **2013**, 1, e00167	2.6	41
37	Biomechanics of human tongue movement during bolus compression and swallowing. *Journal of Oral Science*, **2013**, 55, 191-8	1.5	20
36	Development of a system to monitor laryngeal movement during swallowing using a bend sensor. *PLoS ONE*, **2013**, 8, e70850	3.7	27

35	Spatial and temporal relationship between swallow-related hyoid movement and bolus propulsion during swallowing. *The Journal of Japanese Society of Stomatognathic Function*, **2013**, 20, 22-32	0.1	6
34	Before you work in dysphagia rehabilitation. *Annals of Japan Prosthodontic Society*, **2013**, 5, 254-264	0	2
33	Individual-dependent effects of pharyngeal electrical stimulation on swallowing in healthy humans. *Physiology and Behavior*, **2012**, 106, 218-23	3.5	17
32	Differential involvement of two cortical masticatory areas in modulation of the swallowing reflex in rats. *Neuroscience Letters*, **2012**, 528, 159-64	3.3	18
31	Reduced NKG2D ligand expression in hepatocellular carcinoma correlates with early recurrence. *Journal of Hepatology*, **2012**, 56, 381-8	13.4	80
30	The digastric muscle is less involved in pharyngeal swallowing in rabbits. *Dysphagia*, **2012**, 27, 271-6	3.7	4
29	Development of Autonomous Chewing-Movement Simulator JSN/3X. *Biomechanisms*, **2012**, 21, 179-191	0.2	
28	Neural Mechanisms of Swallowing Inhibition Following Noxious Orofacial Stimulation. *Journal of Oral Biosciences*, **2011**, 53, 137-142	2.5	1
27	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. *Brain Research*, **2011**, 1417, 45-54	3.7	9
26	Gastric Ewing sarcoma/primitive neuroectodermal tumor: A case report. *Oncology Letters*, **2011**, 2, 207-210	1.6	7
25	Effects of electrical stimulation of the superior laryngeal nerve on the jaw-opening reflex. *Brain Research*, **2011**, 1391, 44-53	3.7	18
24	Liver-intestine cadherin in intraepithelial neoplasia of intrahepatic cholangiocarcinoma. *Hepato-Gastroenterology*, **2011**, 58, 2045-51		4
23	Food-Stiffness Detection and Periodontal Masseteric Reflex for the Control of Chewing Movement in Autonomous Jaw-Movement Simulator JSN/3A. *Biomechanisms*, **2010**, 20, 157-169	0.2	
22	Effects of food texture and head posture on oropharyngeal swallowing. *Journal of Applied Physiology*, **2009**, 106, 1848-57	3.7	43
21	Immunohistochemical detection of ENaCbeta in the terminal Schwann cells associated with the periodontal Ruffini endings of the rat incisor. *Biomedical Research*, **2009**, 30, 113-9	1.5	17
20	Correspondence between food consistency and suprahyoid muscle activity, tongue pressure, and bolus transit times during the oropharyngeal phase of swallowing. *Journal of Applied Physiology*, **2008**, 105, 791-9	3.7	113
19	Cholangiocellular Carcinoma Presenting as Budd-Chiari Syndrome: A Case Report and Literature Review. *Japanese Journal of Gastroenterological Surgery*, **2008**, 41, 640-645	0.1	1
18	Relation between Bolus Size and Hyoid Movement during Normal Ingestion in Humans. *Journal of Oral Biosciences*, **2007**, 49, 180-189	2.5	3

17	Effects of food consistency and subject's posture on the electromyographic activity in the genioglossus muscle in humans. *The Journal of Japanese Society of Stomatognathic Function*, **2007**, 14, 13-23	0.1	1
16	Effects of Food Consistency on Tongue Pressure during Swallowing. *Journal of Oral Biosciences*, **2006**, 48, 278-285	2.5	21
15	Unilateral application of an inflammatory irritant to the rat temporomandibular joint region produces bilateral modulation of the jaw-opening reflex. *Brain Research Bulletin*, **2005**, 67, 182-8	3.9	4
14	Coordination of cranial motoneurons during mastication. *Respiratory Physiology and Neurobiology*, **2005**, 147, 177-89	2.8	71
13	Modulation of jaw reflexes induced by noxious stimulation to the muscle in anesthetized rats. *Brain Research*, **2005**, 1041, 72-86	3.7	6
12	Changes in reflex responses of the genioglossus muscle during sleep in rabbits. *Brain Research*, **2005**, 1065, 79-85	3.7	3
11	Activity of peri-oral facial muscles and its coordination with jaw muscles during ingestive behavior in awake rabbits. *Brain Research*, **2004**, 1001, 22-36	3.7	17
10	Coordination of jaw and extrinsic tongue muscle activity during rhythmic jaw movements in anesthetized rabbits. *Brain Research*, **2004**, 1016, 201-16	3.7	15
9	Extrinsic tongue and suprahyoid muscle activities during mastication in freely feeding rabbits. *Brain Research*, **2004**, 1021, 173-82	3.7	12
8	Effects of food consistency on the pattern of extrinsic tongue muscle activities during mastication in freely moving rabbits. *Neuroscience Letters*, **2004**, 368, 192-6	3.3	12
7	Effects of the inferior alveolar nerve stimulation on tongue muscle activity during mastication in freely behaving rabbits. *Brain Research*, **2002**, 956, 149-55	3.7	7
6	Convergence of selected inputs from sensory afferents to trigeminal premotor neurons with possible projections to masseter motoneurons in the rabbit. *Brain Research*, **2002**, 957, 183-91	3.7	13
5	Tongue and jaw muscle activities during chewing and swallowing in freely behaving rabbits. *Brain Research*, **2001**, 915, 185-94	3.7	44
4	Changes in jaw reflexes by stimulation of the hypothalamus in anesthetized rabbits. *Neuroscience Research*, **2001**, 41, 61-5	2.9	12
3	Changes in reflex responses of the masseter and digastric muscles during sleep in freely behaving rabbits. *Neuroscience Research*, **1999**, 34, 37-44	2.9	15
2	Reflexogenic areas for velopharyngeal closure in rabbits. *Dysphagia*, **1998**, 13, 156-9	3.7	1
1	Effects of food consistency on the modulatory mode of the digastric reflex during chewing in freely behaving rabbits. *Brain Research*, **1998**, 796, 257-64	3.7	22