

# Toshinori Iwai

## List of Publications by Citations

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104  
papers

687  
citations

15  
h-index

20  
g-index

110  
ext. papers

839  
ext. citations

1.8  
avg, IF

3.75  
L-index

#	Paper	IF	Citations
104	Retrograde superselective intra-arterial chemotherapy and daily concurrent radiotherapy for stage III and IV oral cancer: analysis of therapeutic results in 112 cases. <i>Radiotherapy and Oncology</i> , <b>2014</b> , 111, 306-10	5.3	45
103	Hyperthermia generated with ferucarbotran (Resovist®) in an alternating magnetic field enhances cisplatin-induced apoptosis of cultured human oral cancer cells. <i>Journal of Physiological Sciences</i> , <b>2014</b> , 64, 177-83	2.3	37
102	Development of a biointegrated mandibular reconstruction device consisting of bone compatible titanium fiber mesh scaffold. <i>Biomaterials</i> , <b>2016</b> , 75, 223-236	15.6	25
101	Combination with allogenic bone reduces early absorption of beta-tricalcium phosphate (beta-TCP) and enhances the role as a bone regeneration scaffold. Experimental animal study in rat mandibular bone defects. <i>Dental Materials Journal</i> , <b>2009</b> , 28, 153-61	2.5	24
100	Hydroxyapatite coating for titanium fibre mesh scaffold enhances osteoblast activity and bone tissue formation. <i>International Journal of Oral and Maxillofacial Surgery</i> , <b>2012</b> , 41, 1304-9	2.9	23
99	Development of a virtual reality training system for endoscope-assisted submandibular gland removal. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , <b>2016</b> , 44, 1800-1805	3.6	23
98	Implant Stability Development of Photofunctionalized Implants Placed in Regular and Complex Cases: A Case-Control Study. <i>International Journal of Oral and Maxillofacial Implants</i> , <b>2016</b> , 31, 676-86	2.8	21
97	Recurrent endocrine mucin-producing sweat gland carcinoma in the eyelid. <i>Australasian Journal of Dermatology</i> , <b>2013</b> , 54, e46-9	1.3	20
96	Secure Surgical Method for Catheter Placement via the Occipital Artery to Achieve Retrograde Superselective Intra-Arterial Chemotherapy for Advanced Oral Cancer: Alternative to Approach via the Superficial Temporal Artery. <i>Indian Journal of Otolaryngology and Head and Neck Surgery</i> , <b>2014</b> , 61, 205-7	0.6	19
95	Endoscopic removal of a maxillary third molar displaced into the maxillary sinus via the socket. <i>Journal of Craniofacial Surgery</i> , <b>2012</b> , 23, e295-6	1.2	19
94	Effect of ultraviolet-mediated photofunctionalization for bone formation around medical titanium mesh. <i>Journal of Oral and Maxillofacial Surgery</i> , <b>2014</b> , 72, 1691-702	1.8	18
93	Use of a hydrocolloid dressing to prevent nasal pressure sores after nasotracheal intubation. <i>British Journal of Oral and Maxillofacial Surgery</i> , <b>2011</b> , 49, e65-6	1.4	17
92	Cervicofacial subcutaneous emphysema associated with dental laser treatment. <i>Australian Dental Journal</i> , <b>2013</b> , 58, 424-7	2.3	16
91	Anatomical study of the external carotid artery and its branches for administration of superselective intra-arterial chemotherapy via the superficial temporal artery. <i>International Journal of Clinical Oncology</i> , <b>2011</b> , 16, 654-9	4.2	16
90	Endoscopically-assisted resection of a branchial cyst. <i>British Journal of Oral and Maxillofacial Surgery</i> , <b>2008</b> , 46, 336-7	1.4	16
89	Cervicofacial subcutaneous and mediastinal emphysema caused by air cooling spray of dental laser. <i>Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology</i> , <b>2013</b> , 115, e13-6	2	15
88	U-shaped Osteotomy Around the Descending Palatine Artery to Prevent Posterior Osseous Interference for Superior/Posterior Repositioning of the Maxilla in Le Fort I Osteotomy. <i>Journal of Craniofacial Surgery</i> , <b>2015</b> , 26, 1613-5	1.2	15

87	Peripheral osteoma of the mandibular notch: report of a case. <i>Iranian Journal of Radiology</i> , <b>2013</b> , 10, 74-6	1.4	14
86	Chemoradiotherapy using retrograde superselective intra-arterial infusion for tongue cancer: Analysis of therapeutic results in 118 cases. <i>Oral Oncology</i> , <b>2018</b> , 79, 71-77	4.4	13
85	Endoscopic removal of bilateral supernumerary intranasal teeth. <i>Journal of Oral and Maxillofacial Surgery</i> , <b>2012</b> , 70, 1030-4	1.8	13
84	Warthin tumor arising from the minor salivary gland. <i>Journal of Craniofacial Surgery</i> , <b>2012</b> , 23, e374-6	1.2	13
83	Clinical outcomes of retrograde intra-arterial chemotherapy concurrent with radiotherapy for elderly oral squamous cell carcinoma patients aged over 80 years old. <i>Radiation Oncology</i> , <b>2017</b> , 12, 112	4.2	11
82	Investigation of blood flow in the external carotid artery and its branches with a new 0D peripheral model. <i>BioMedical Engineering OnLine</i> , <b>2016</b> , 15, 16	4.1	11
81	Sentinel lymph node biopsy using a new indocyanine green fluorescence imaging system with a colour charged couple device camera for oral cancer. <i>British Journal of Oral and Maxillofacial Surgery</i> , <b>2013</b> , 51, e26-8	1.4	11
80	Simple technique for dilatation of the papilla in sialoendoscopy. <i>Journal of Oral and Maxillofacial Surgery</i> , <b>2009</b> , 67, 681-2	1.8	11
79	CT lymphography for sentinel lymph node mapping of clinically N0 early oral cancer. <i>Cancer Imaging</i> , <b>2019</b> , 19, 72	5.6	11
78	Retrograde superselective intra-arterial chemotherapy and daily concurrent radiotherapy for T2-4N0 tongue cancer: control of occult neck metastasis. <i>Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology</i> , <b>2017</b> , 124, 16-23	2	10
77	Sentinel lymph node biopsy with preoperative CT lymphography and intraoperative indocyanine green fluorescence imaging for N0 early tongue cancer: A long-term follow-up study. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , <b>2020</b> , 48, 217-222	3.6	9
76	Thyrolinguofacial trunk arising from the carotid bifurcation determined by three-dimensional computed tomography angiography. <i>Surgical and Radiologic Anatomy</i> , <b>2013</b> , 35, 75-8	1.4	9
75	Safe method of extraction to prevent a deeply-impacted maxillary third molar being displaced into the maxillary sinus. <i>British Journal of Oral and Maxillofacial Surgery</i> , <b>2013</b> , 51, e75-6	1.4	9
74	Computer-assisted preoperative simulation for screw fixation of fractures of the condylar head. <i>British Journal of Oral and Maxillofacial Surgery</i> , <b>2013</b> , 51, 176-7	1.4	9
73	Squamous Cell Carcinoma of the Tongue Dorsum: Incidence and Treatment Considerations. <i>Indian Journal of Otolaryngology and Head and Neck Surgery</i> , <b>2017</b> , 69, 6-10	0.6	8
72	Sialendoscopic removal of fish bone-induced sialoliths in the duct of the submandibular gland. <i>Auris Nasus Larynx</i> , <b>2018</b> , 45, 343-345	2.2	8
71	UV-Mediated Photofunctionalization of Dental Implant: A Seven-Year Results of a Prospective Study. <i>Journal of Clinical Medicine</i> , <b>2020</b> , 9,	5.1	8
70	Prognostic value of 2-[(18) F]fluoro-2-deoxy-D-glucose positron emission tomography for patients with oral squamous cell carcinoma treated with retrograde superselective intra-arterial chemotherapy and daily concurrent radiotherapy. <i>Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology</i> , <b>2016</b> , 121, 239-47	2	8

69	Use of Occlusal Splint for Noninvasive Fixation of a Reference Frame in Orbital Navigation Surgery. <i>Journal of Maxillofacial and Oral Surgery</i> , <b>2016</b> , 15, 410-412	0.9	7
68	Intraoperative lacrimal intubation to prevent epiphora as a result of injury to the nasolacrimal system after fracture of the naso-orbitoethmoid complex. <i>British Journal of Oral and Maxillofacial Surgery</i> , <b>2013</b> , 51, e165-8	1.4	7
67	Removal of migrated dental implants from maxillary sinus 4 years 10 months after implant placement. <i>Oral and Maxillofacial Surgery</i> , <b>2015</b> , 19, 315-9	1.6	7
66	An accurate bimaxillary repositioning technique using straight locking miniplates for the mandible-first approach in bimaxillary orthognathic surgery. <i>Odontology / the Society of the Nippon Dental University</i> , <b>2017</b> , 105, 122-126	3.6	6
65	Prognostic factors and treatment outcomes of advanced maxillary gingival squamous cell carcinoma treated by intra-arterial infusion chemotherapy concurrent with radiotherapy. <i>Head and Neck</i> , <b>2019</b> , 41, 1777-1784	4.2	6
64	Ultrasonic vertical osteotomy of the distal segment for safe elimination of interference between the proximal and distal segments in bilateral sagittal split osteotomy for mandibular asymmetry. <i>British Journal of Oral and Maxillofacial Surgery</i> , <b>2013</b> , 51, e192-4	1.4	6
63	Bisphosphonate-related enamel hypoplasia in a child with idiopathic arterial calcification of infancy. <i>British Journal of Oral and Maxillofacial Surgery</i> , <b>2013</b> , 51, e186-7	1.4	6
62	Computational Fluid Simulation of Fibrinogen around Dental Implant Surfaces. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	6
61	Pathological changes in the lymphatic system of patients with secondary upper limb lymphoedema. <i>Scientific Reports</i> , <b>2019</b> , 9, 8499	4.9	5
60	Thyrolingual trunk arising from the common carotid artery identified by three-dimensional computed tomography angiography. <i>Surgical and Radiologic Anatomy</i> , <b>2012</b> , 34, 85-8	1.4	5
59	Actinomyces-associated calcifications in a dentigerous cyst of the mandible. <i>Journal of Craniofacial Surgery</i> , <b>2013</b> , 24, e311-4	1.2	5
58	Simple technique to identify Wharton's duct during endoscopically-assisted submandibular sialoadenectomy. <i>British Journal of Oral and Maxillofacial Surgery</i> , <b>2009</b> , 47, 401-2	1.4	5
57	Temporary alopecia caused by pressure from a headband used to secure a reference frame to the head during navigational surgery. <i>British Journal of Oral and Maxillofacial Surgery</i> , <b>2009</b> , 47, 573-4	1.4	5
56	18F-fluorodeoxyglucose-positive Warthin tumor in a contralateral cervical lymph node mimicking metastasis in tongue cancer staging with PET/CT. <i>Journal of Craniofacial Surgery</i> , <b>2012</b> , 23, e507-9	1.2	5
55	Computational fluid dynamics study of intra-arterial chemotherapy for oral cancer. <i>BioMedical Engineering OnLine</i> , <b>2017</b> , 16, 57	4.1	4
54	Sentinel lymph node mapping of clinically N0 early oral cancer: a diagnostic pitfall on CT lymphography. <i>Oral Radiology</i> , <b>2021</b> , 37, 251-255	2.5	4
53	Thermochemoradiotherapy Using Superselective Intra-arterial Infusion for Patients With Oral Cancer With Cervical Lymph Node Metastases. <i>Anticancer Research</i> , <b>2019</b> , 39, 1365-1373	2.3	3
52	Use of in-house, full-colour printed three-dimensional model for training in endoscopic periradicular surgery for molar radicular cyst. <i>British Journal of Oral and Maxillofacial Surgery</i> , <b>2012</b> , 50, e41-2	1.4	3

51	Use of methylene blue for precise peripheral ostectomy of keratocystic odontogenic tumour. <i>British Journal of Oral and Maxillofacial Surgery</i> , <b>2011</b> , 49, e84-5	1.4	3
50	Le Fort I osteotomy under navigational guidance for posterior repositioning of the maxilla. <i>Journal of Craniofacial Surgery</i> , <b>2012</b> , 23, 1854-5	1.2	3
49	Actinomycotic osteomyelitis with proliferative periostitis arising in the mandibular ramus: an unusual case with spontaneous bone regeneration after coronoidectomy. <i>Oral Radiology</i> , <b>2021</b> , 37, 137-145	2.5	3
48	Endoscopic hemostasis with an ultrasonically activated device for hemorrhage from a branch of the maxillary artery during endoscopically assisted reduction of condylar neck fracture. <i>Journal of Craniofacial Surgery</i> , <b>2013</b> , 24, 534-5	1.2	2
47	Three-dimensional visualization of the relationship between cervical cystic lesions and related vessels using CT angiography for endoscopically-assisted neck surgery. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , <b>2010</b> , 63, e82-3	1.7	2
46	Endoscopically-assisted intraoral removal of submandibular gland mucocele. <i>Journal of Oral and Maxillofacial Surgery, Medicine, and Pathology</i> , <b>2021</b> , 33, 161-164	0.4	2
45	Trigemino-cardiac reflex during bilateral sagittal split osteotomy. <i>Journal of Dental Sciences</i> , <b>2021</b> , 16, 782-783	2.5	2
44	Oral candidiasis caused by ciclesonide in a patient with COVID-19 pneumonia: A case report and literature review. <i>SAGE Open Medical Case Reports</i> , <b>2021</b> , 9, 2050313X211048279	0.7	2
43	Airway obstruction caused by pharyngolaryngeal swelling after intraoral removal of a submandibular gland stone. <i>Therapeutics and Clinical Risk Management</i> , <b>2018</b> , 14, 2323-2325	2.9	2
42	Daily Cisplatin and Weekly Docetaxel versus Weekly Cisplatin Intra-Arterial Chemoradiotherapy for Late T2-3 Tongue Cancer: A Pilot and Feasibility Trial. <i>Medicina (Lithuania)</i> , <b>2018</b> , 54,	3.1	2
41	Pathological Changes in the Lymphatic System of Patients with Secondary Lower Limb Lymphedema Based on Single Photon-Emission Computed Tomography/Computed Tomography/Lymphoscintigraphy Images. <i>Lymphatic Research and Biology</i> , <b>2021</b> ,	2.3	2
40	Actinomyces-associated calcifications around an impacted third molar of the mandible. <i>Journal of Oral and Maxillofacial Surgery, Medicine, and Pathology</i> , <b>2017</b> , 29, 245-248	0.4	1
39	Use of a novel tongue retractor for intraoral removal of proximal/hilar submandibular gland stone. <i>Journal of Oral and Maxillofacial Surgery, Medicine, and Pathology</i> , <b>2017</b> , 29, 306-308	0.4	1
38	Subspinal osteotomy for simple extraction of deeply impacted supernumerary tooth in the anterior maxilla. <i>Journal of Oral and Maxillofacial Surgery, Medicine, and Pathology</i> , <b>2015</b> , 27, 670-672	0.4	1
37	Daily concurrent chemoradiotherapy using retrograde superselective intra-arterial infusion for locally advanced squamous cell carcinoma of the mandibular gingiva. <i>Journal of Oral and Maxillofacial Surgery, Medicine, and Pathology</i> , <b>2018</b> , 30, 483-487	0.4	1
36	Bilateral idiopathic aneurysms of the lingual artery identified by three-dimensional computed tomography angiography. <i>Oral Radiology</i> , <b>2017</b> , 33, 227-230	2.5	1
35	Variable oral device for measuring oral lesions. <i>Indian Journal of Otolaryngology and Head and Neck Surgery</i> , <b>2014</b> , 66, 314-5	0.6	1
34	Endoscopic removal of throat-packing gauze swallowed during general anesthesia. <i>Journal of Craniofacial Surgery</i> , <b>2012</b> , 23, 1547-9	1.2	1

33	Malignant Transformation of Buccal Mucosa Leukoplakia in a Patient With Dyskeratosis Congenita. <i>Ear, Nose and Throat Journal</i> , <b>2020</b> , 145561320938908	1	1
32	Response to the comments on Effectiveness of subspinal Le Fort I osteotomy in preventing postoperative nasal deformation. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , <b>2020</b> , 73, 1775-1784	1.7	1
31	Swallowing function in advanced tongue cancer patients before and after bilateral neck dissection following superselective intra-arterial chemoradiotherapy for organ preservation: a case-control study. <i>Oral Radiology</i> , <b>2019</b> , 35, 230-238	2.5	1
30	MR lymphography with superparamagnetic iron oxide for sentinel lymph node mapping of N0 early oral cancer: A pilot study. <i>Dentomaxillofacial Radiology</i> , <b>2021</b> , 50, 20200333	3.9	1
29	Image-guided removal of deeply impacted mandibular third molar using a navigation system. <i>Journal of Oral and Maxillofacial Surgery, Medicine, and Pathology</i> , <b>2020</b> , 32, 529-533	0.4	0
28	Effectiveness of subspinal Le Fort I osteotomy in preventing postoperative nasal deformation. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , <b>2020</b> , 73, 1326-1330	1.7	0
27	Intraosseous Schwannoma of the Mandible Masquerading as Radicular Cyst of the Molar. <i>Ear, Nose and Throat Journal</i> , <b>2020</b> , 145561320961273	1	0
26	Schwannoma arising from the sublingual glandular branch of the lingual nerve radiologically masquerading as sublingual gland tumor. <i>Oral Radiology</i> , <b>2021</b> , 37, 125-129	2.5	0
25	Computational Fluid Dynamics Study of Superselective Intra-arterial Chemotherapy for Oral Cancer: Flow Simulation of Anticancer Agent in the Linguofacial Trunk. <i>Applied Sciences (Switzerland)</i> , <b>2020</b> , 10, 7496	2.6	
24	Endoscopically Assisted Resection of a Cervical Multicystic Lymphatic Malformation in an Adult. <i>Ear, Nose and Throat Journal</i> , <b>2021</b> , 100, 1076S-1078S	1	
23	Retrograde superselective intra-arterial chemotherapy and daily concurrent radiotherapy for advanced oral cancer: Efficacy of cervical lymph node metastases. <i>Journal of Japanese Society of Oral Oncology</i> , <b>2016</b> , 28, 27-32	0	
22	Intra-oral minor salivary gland tumors: A pathological study of 131 cases in the Japanese population. <i>Journal of Oral and Maxillofacial Surgery, Medicine, and Pathology</i> , <b>2019</b> , 31, 424-427	0.4	
21	Use of a dial tension gauge to assess quantitatively the intraoperative improvement of ocular movement after endoscopic transantral repair of fracture of the orbital floor. <i>British Journal of Oral and Maxillofacial Surgery</i> , <b>2013</b> , 51, e135-6	1.4	
20	A modified method for simple dilatation of the duct orifice in sialendoscopy. <i>Journal of Oral and Maxillofacial Surgery, Medicine, and Pathology</i> , <b>2017</b> , 29, 420-421	0.4	
19	Occipital artery arising from the superior aspect of the carotid bifurcation identified by three-dimensional computed tomography angiography. <i>Journal of the Anatomical Society of India</i> , <b>2017</b> , 66, 75-77	0.2	
18	A submandibular mass with cystic component.. <i>Ear, Nose and Throat Journal</i> , <b>2022</b> , 1455613221074134	1	
17	A Case of Sialendoscope Removal of a Parenchymal Sialolith of the Submandibular Gland. <i>Japanese Journal of Oral Diagnosis / Oral Medicine</i> , <b>2018</b> , 31, 225-228	0	
16	A case of endoscopic removal of a parenchymal sialolith of the parotid gland. <i>Nihon Koku Geka Gakkai Zasshi</i> , <b>2018</b> , 64, 715-719	0.1	



15	A Questionnaire-based Survey in Consensus Meeting of Jaw Deformity Treatment. <i>The Japanese Journal of Jaw Deformities</i> , <b>2019</b> , 29, 11-22	0.1
14	Simulation and computer assisted surgery (CAS) in oral and maxillofacial region: current status and future perspective. <i>Nihon Koku Geka Gakkai Zasshi</i> , <b>2019</b> , 65, 242-248	0.1
13	2G11 Influences of narrow upper airway on inspiration in pharyngeal space. <i>The Proceedings of the Bioengineering Conference Annual Meeting of BED/JSME</i> , <b>2014</b> , 2014.26, 521-522	0
12	Endoscopically Assisted Intraoral Removal of Infrageniohyoid Dermoid Cyst. <i>Ear, Nose and Throat Journal</i> , <b>2020</b> , 145561320940060	1
11	Endoscopically Assisted Intraoral Resection of Lipoma in the Masticator Space. <i>Ear, Nose and Throat Journal</i> , <b>2020</b> , 145561320940058	1
10	Ectopic Thyroid Cyst of the Lateral Neck. <i>Ear, Nose and Throat Journal</i> , <b>2021</b> , 100, 1079S-1081S	1
9	Reconstruction using the sliding tongue flap for an anterior tongue defect after a partial glossectomy. <i>Nihon Koku Geka Gakkai Zasshi</i> , <b>2021</b> , 67, 399-403	0.1
8	Endoscopically-assisted intraoral resection of osteochondroma of the mandibular condyle with a piezoelectric surgical device. <i>Cranio - Journal of Craniomandibular Practice</i> , <b>2021</b> , 1-4	1.2
7	Endoscopically-assisted intraoral removal of submandibular gland oncocytoma. <i>Journal of Dental Sciences</i> , <b>2021</b> , 16, 561-562	2.5
6	Sporadic Burkitt lymphoma initially presented as orofacial manifestations in an 8-year-old boy: A case report and mini-review. <i>Journal of Oral and Maxillofacial Surgery, Medicine, and Pathology</i> , <b>2021</b> , 33, 204-210	0.4
5	A Case of Extraductal Parotid Gland Stone Caused by Repeated Inflammation. <i>Japanese Journal of Oral Diagnosis / Oral Medicine</i> , <b>2021</b> , 34, 20-24	0
4	Mucocele Arising from Ectopic Salivary Gland Tissue Between the Bilateral Geniohyoid Muscles. <i>Indian Journal of Surgery</i> , 1	0.3
3	Submandibular gland mucocele masquerading as plunging ranula.. <i>Ear, Nose and Throat Journal</i> , <b>2022</b> , 1455613221076784	1
2	Sublingual Gland Herniation Masquerading as Submandibular Lesion. <i>Indian Journal of Surgery</i> , 1	0.3
1	Jaw reconstruction starting from the goal: computer assisted mandibular reconstruction. <i>Nihon Koku Geka Gakkai Zasshi</i> , <b>2022</b> , 68, 140-143	0.1