

Akira Taguchi

List of Publications by Year in descending order

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Version: 2024-02-01

97
papers

3,716
citations

257101

24
h-index

133063

59
g-index

100
all docs

100
docs citations

100
times ranked

2758
citing authors

#	ARTICLE	IF	CITATIONS
1	Poor tooth brushing behavior is associated with high risk of cardiovascular events: A prospective observational study. <i>International Journal of Cardiology</i> , 2022, 350, 111-117.	0.8	4
2	Letter to the Editor From Taguchi: "Osteonecrosis of the Jaw and Antiresorptive Agents in Benign and Malignant Diseases: A Critical Review Organized by the ECTS". <i>Journal of Clinical Endocrinology and Metabolism</i> , 2022, , .	1.8	1
3	Influence of symptomatic periodontal disease on changes in skeletal bone density during medication therapy for osteoporosis in postmenopausal women: the Japanese Osteoporosis Intervention Trial (JOINT)-04 and JOINT-05. <i>Archives of Osteoporosis</i> , 2022, 17, 7.	1.0	2
4	Identification of osteoporosis using ensemble deep learning model with panoramic radiographs and clinical covariates. <i>Scientific Reports</i> , 2022, 12, 6088.	1.6	21
5	Association of pentosidine and homocysteine levels with number of teeth present in Japanese postmenopausal women. <i>Journal of Bone and Mineral Metabolism</i> , 2022, 40, 773-781.	1.3	1
6	Association between Type 2 Diabetes and Classification of Periodontal Disease Severity in Japanese Men and Women: A Cross-Sectional Study. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 8134.	1.2	1
7	Osteoporosis screening support system from panoramic radiographs using deep learning by convolutional neural network. <i>Dentomaxillofacial Radiology</i> , 2022, 51, .	1.3	5
8	Same-side insufficiency fractures of the tibia and femur after denosumab discontinuation: a case report. <i>Modern Rheumatology Case Reports</i> , 2021, 5, 178-181.	0.3	1
9	Clinical guidelines for the application of panoramic radiographs in screening for osteoporosis. <i>Oral Radiology</i> , 2021, 37, 189-208.	0.9	26
10	Fragility fractures and delayed wound healing after tooth extraction in Japanese older adults. <i>Journal of Bone and Mineral Metabolism</i> , 2020, 38, 357-362.	1.3	3
11	Parity and Number of Teeth in Japanese Women: Results from the Japan Nurses' Health Study. <i>Women S Health Reports</i> , 2020, 1, 366-374.	0.4	0
12	Association between Carotid Artery Calcification and Periodontal Disease Progression in Japanese Men and Women: A Cross-Sectional Study. <i>Journal of Clinical Medicine</i> , 2020, 9, 3365.	1.0	8
13	Randomized head-to-head comparison of minodronic acid and raloxifene for fracture incidence in postmenopausal Japanese women: the Japanese Osteoporosis Intervention Trial (JOINT)-04. <i>Current Medical Research and Opinion</i> , 2020, 36, 1847-1859.	0.9	3
14	Computer-aided diagnosis system for osteoporosis based on quantitative evaluation of mandibular lower border porosity using panoramic radiographs. <i>Dentomaxillofacial Radiology</i> , 2020, 49, 20190481.	1.3	7
15	Mandibular Radiomorphometric Indices and Tooth Loss as Predictors for the Risk of Osteoporosis using Panoramic Radiographs. <i>Oral Health & Preventive Dentistry</i> , 2020, 18, 773-782.	0.3	9
16	Examination of the Choice of Oral Cancer Treatment in Elderly Patients. <i>Japanese Journal of Oral Diagnosis / Oral Medicine</i> , 2020, 33, 183-187.	0.0	0
17	Study design of multi-center, open-label randomized controlled, head-to-head trial comparing minodronic acid and raloxifene: Japanese Osteoporosis Intervention Trial (JOINT)-04. <i>Journal of Bone and Mineral Metabolism</i> , 2019, 37, 491-495.	1.3	7
18	Improvement of region of interest extraction and scanning method of computer-aided diagnosis system for osteoporosis using panoramic radiographs. <i>Oral Radiology</i> , 2019, 35, 143-151.	0.9	9

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19	Additive effects of eldcalcitol in poorly responding long-term bisphosphonate treatment for osteoporosis. <i>Osteoporosis and Sarcopenia</i> , 2019, 5, 57-61.	0.7	4
20	Improvement of salivary flow and oral wetness by a lip trainer device and sonic toothbrush in older Japanese men and women with dry mouth. <i>Journal of Oral Science</i> , 2019, 61, 221-228.	0.7	5
21	Incidence of osteonecrosis of the jaw in Japanese osteoporosis patients taking minodronic acid. <i>Journal of Bone and Mineral Metabolism</i> , 2019, 37, 886-892.	1.3	14
22	Improved periodontal disease and prevention of tooth loss in osteoporosis patients receiving once-yearly zoledronic acid: a randomized clinical trial. <i>Menopause</i> , 2019, 26, 1277-1283.	0.8	11
23	Long waiting time before tooth extraction may increase delayed wound healing in elderly Japanese. <i>Osteoporosis International</i> , 2019, 30, 621-628.	1.3	13
24	A Case of Carotid Calcification in Panoramic Radiographs during Periodontal Disease Treatment. <i>Japanese Journal of Oral Diagnosis / Oral Medicine</i> , 2019, 32, 51-56.	0.0	0
25	A Case of Compound Odontoma in the Maxillary Sinus of a Child. <i>Japanese Journal of Oral Diagnosis / Oral Medicine</i> , 2019, 32, 204-208.	0.0	0
26	A Case of Spindle Cell Lipoma Positioned in the Hard Palate. <i>Japanese Journal of Oral Diagnosis / Oral Medicine</i> , 2019, 32, 35-39.	0.0	0
27	Issues with the surgical treatment of antiresorptive agent-related osteonecrosis of the jaws. <i>Oral Diseases</i> , 2018, 24, 52-56.	1.5	8
28	Morphological changes in the temporomandibular joint after orthodontic treatment for Angle Class II malocclusion. <i>Cranio - Journal of Craniomandibular Practice</i> , 2018, 36, 35-43.	0.6	11
29	Significant improvement of bone mineral density by denosumab treatment in Japanese osteoporotic patients following breast cancer treatment. <i>Therapeutics and Clinical Risk Management</i> , 2018, Volume 14, 543-549.	0.9	0
30	Pre-treatment of daily teriparatide enhances the increase of bone mineral density in cortical bones by denosumab therapy. <i>Therapeutics and Clinical Risk Management</i> , 2018, Volume 14, 637-642.	0.9	2
31	Significant improvement of bone mineral density and bone turnover markers by denosumab therapy in bisphosphonate-unresponsive patients: response to comments. <i>Osteoporosis International</i> , 2017, 28, 1757-1758.	1.3	3
32	Decreased frequency and duration of tooth brushing is a risk factor for endothelial dysfunction. <i>International Journal of Cardiology</i> , 2017, 241, 30-34.	0.8	14
33	Antiresorptive agent-related osteonecrosis of the jaw in osteoporosis patients from Asian countries. <i>Osteoporosis and Sarcopenia</i> , 2017, 3, 64-74.	0.7	7
34	Case-Based Review of Osteonecrosis of the Jaw (ONJ) and Application of the International Recommendations for Management From the International Task Force on ONJ. <i>Journal of Clinical Densitometry</i> , 2017, 20, 8-24.	0.5	185
35	Antiresorptive agent-related osteonecrosis of the jaw: Position Paper 2017 of the Japanese Allied Committee on Osteonecrosis of the Jaw. <i>Journal of Bone and Mineral Metabolism</i> , 2017, 35, 6-19.	1.3	212
36	Two-year clinical outcome of denosumab treatment alone and in combination with teriparatide in Japanese treatment-naive postmenopausal osteoporotic women. <i>Bone Research</i> , 2017, 5, 16055.	5.4	22

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37	Significant improvement of bone mineral density and bone turnover markers by denosumab therapy in bisphosphonate-unresponsive patients. <i>Osteoporosis International</i> , 2017, 28, 559-566.	1.3	39
38	Factors affecting observer agreement in morphological evaluation of mandibular cortical bone on panoramic radiographs. <i>Oral Radiology</i> , 2017, 33, 117-123.	0.9	7
39	Efficacy and safety of once-yearly zoledronic acid in Japanese patients with primary osteoporosis: two-year results from a randomized placebo-controlled double-blind study (ZOledroNate treatment) <i>Tj ETQq1 1 0.784314 rg55 /Overl</i>	1.0	5
40	Increasing Risk of Osteoporotic Fracture Is Associated With Vascular Dysfunction and Abnormal Vascular Structure in Both Men and Women. <i>Circulation Journal</i> , 2017, 81, 862-869.	0.7	10
41	Characteristics of Clinical and Imaging Findings of Epidermoid Cysts under the Skin of the Mental Region. <i>Journal of Hard Tissue Biology</i> , 2017, 26, 305-308.	0.2	1
42	Diagnosis of an External Dental Fistula Using Computed Tomography: A Case Report. <i>Japanese Journal of Oral Diagnosis / Oral Medicine</i> , 2017, 30, 212-215.	0.0	0
43	A Case of Sialolithiasis in the Parotid Glands Passed Spontaneously. <i>Japanese Journal of Oral Diagnosis / Oral Medicine</i> , 2017, 30, 280-283.	0.0	0
44	Association between number of teeth present and mandibular cortical erosion in Japanese men and women aged 40 years and older: A cross-sectional study. <i>Osteoporosis and Sarcopenia</i> , 2016, 2, 250-255.	0.7	1
45	Associations of self-reported height loss and kyphosis with vertebral fractures in Japanese women 60 years and older: a cross-sectional survey. <i>Scientific Reports</i> , 2016, 6, 29199.	1.6	22
46	Lack of cooperation between physicians and dentists during osteoporosis treatment may increase fractures and osteonecrosis of the jaw. <i>Current Medical Research and Opinion</i> , 2016, 32, 1261-1268.	0.9	41
47	Response to Letter to the Editor: Re: Differences in the risk of osteoporotic femur fractures among Japanese and white women as predicted by carotid artery calcification visualized on panoramic images. <i>Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology</i> , 2016, 122, 655-656.	0.2	0
48	Delayed wound healing after tooth extraction and self-reported kyphosis in Japanese men and women. <i>Scientific Reports</i> , 2016, 6, 36309.	1.6	5
49	Osteoporosis, osteoporotic fractures, and carotid artery calcification detected on panoramic radiographs in Japanese men and women. <i>Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology</i> , 2016, 121, 673-680.	0.2	6
50	A Case of Healed Denosumab-related Osteonecrosis of the Maxilla. <i>Japanese Journal of Oral Diagnosis / Oral Medicine</i> , 2016, 29, 98-103.	0.0	0
51	Eldecacitol, in Combination with Bisphosphonate, Is Effective for Treatment of Japanese Osteoporotic Patients. <i>Tohoku Journal of Experimental Medicine</i> , 2015, 237, 339-343.	0.5	10
52	Detection of calcification region in dental panoramic radiographs considering local intensity distribution. , 2015, , .		1
53	Changes in serum vitamin D and PTH values using denosumab with or without bisphosphonate pre-treatment in osteoporotic patients: a short-term study. <i>BMC Endocrine Disorders</i> , 2015, 15, 81.	0.9	25
54	Comparing immunocompetent and immunodeficient mice as animal models for bone tissue engineering. <i>Oral Diseases</i> , 2015, 21, 583-592.	1.5	18

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55	Usefulness of Cone-Beam Computed Tomography During the Endodontic Treatment of a Curved Root: A Case Report. Japanese Journal of Oral Diagnosis / Oral Medicine, 2015, 28, 231-234.	0.0	0
56	Impact of Osteonecrosis of the Jaw on Osteoporosis Treatment in Japan: Results of a Questionnaire-Based Survey by the Adequate Treatment of Osteoporosis (A-TOP) Research Group. Calcified Tissue International, 2015, 97, 542-550.	1.5	21
57	Diagnosis and Management of Osteonecrosis of the Jaw: A Systematic Review and International Consensus. Journal of Bone and Mineral Research, 2015, 30, 3-23.	3.1	957
58	Panoramic radiography measurements, osteoporosis diagnoses and fractures in Japanese men and women. Oral Diseases, 2015, 21, 335-341.	1.5	23
59	A Case of Pediatric Osteomyelitis Caused by Infected Dentigerous Cyst. Japanese Journal of Oral Diagnosis / Oral Medicine, 2015, 28, 235-240.	0.0	0
60	Association of cortical shape of the mandible on panoramic radiographs with mandibular trabecular bone structure in Japanese adults: a cone-beam CT-image analysis. Oral Radiology, 2014, 30, 160-167.	0.9	6
61	Clinical Significance of Carotid Artery Calcification seen on Panoramic Radiographs. Journal of Hard Tissue Biology, 2014, 23, 461-466.	0.2	2
62	Questionnaire survey of fourth grade students of Matsumoto Dental University about model practice of periodontology. Journal of Japanese Society of Periodontology, 2014, 56, 330-341.	0.1	0
63	Recognition of bisphosphonate-related osteonecrosis of the jaw among oral and maxillofacial radiologists: results from a questionnaire-based survey in Japan. Oral Radiology, 2013, 29, 98-104.	0.9	10
64	Morphological Changes in the Temporomandibular Joint Before and After Sagittal Splitting Ramus Osteotomy of the Mandible for Skeletal Mandibular Protrusion. Cranio - Journal of Craniomandibular Practice, 2013, 31, 123-132.	0.6	6
65	Association between Oral Health and the Risk of Lacunar Infarction in Japanese Adults. Gerontology, 2013, 59, 499-506.	1.4	21
66	The combination of a histogram-based clustering algorithm and support vector machine for the diagnosis of osteoporosis. Imaging Science in Dentistry, 2013, 43, 153.	0.6	28
67	Primary Intraosseous Odontogenic Carcinoma Arising from a Dentigerous Cyst. Journal of Hard Tissue Biology, 2013, 22, 375-382.	0.2	4
68	Automatic assessment of mandibular bone using support vector machine for the diagnosis of osteoporosis. , 2012, , .		2
69	A Comparative Study on the Morphological Changes in the Pharyngeal Airway Space before and after Sagittal Split Ramus Osteotomy. Journal of Hard Tissue Biology, 2012, 21, 35-42.	0.2	3
70	Detecting young Japanese adults with undetected low skeletal bone density using panoramic radiographs. Dentomaxillofacial Radiology, 2011, 40, 154-159.	1.3	26
71	Bisphosphonate-related osteonecrosis of the jaw: position paper from the Allied Task Force Committee of Japanese Society for Bone and Mineral Research, Japan Osteoporosis Society, Japanese Society of Periodontology, Japanese Society for Oral and Maxillofacial Radiology, and Japanese Society of Oral and Maxillofacial Surgeons. Journal of Bone and Mineral Metabolism, 2010, 28, 365-383.	1.3	237
72	Triage screening for osteoporosis in dental clinics using panoramic radiographs. Oral Diseases, 2010, 16, 316-327.	1.5	107

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73	Relationships between mandibular cortical bone measures and biochemical markers of bone turnover in elderly Japanese men and women. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2009, 108, 777-783.	1.6	11
74	Improvement of the detection method for carotid artery calcification in dental panoramic radiographs. , 2009, , .		5
75	Automatic Molar Extraction from Dental Panoramic Radiographs for Forensic Personal Identification. <i>IEICE Transactions on Information and Systems</i> , 2009, E92-D, 2287-2290.	0.4	0
76	Assessment of the relationship between the mandibular cortex on panoramic radiographs and the risk of bone fracture and vascular disease in 80-year-olds. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2008, 106, 433-442.	1.6	33
77	Observer performance in diagnosing osteoporosis by dental panoramic radiographs: Results from the osteoporosis screening project in dentistry (OSPD). <i>Bone</i> , 2008, 43, 209-213.	1.4	71
78	Detection of post-menopausal women with low bone mineral density and elevated biochemical markers of bone turnover by panoramic radiographs. <i>Dentomaxillofacial Radiology</i> , 2008, 37, 433-437.	1.3	17
79	Risk of vertebral osteoporosis in post-menopausal women with alterations of the mandible. <i>Dentomaxillofacial Radiology</i> , 2007, 36, 143-148.	1.3	65
80	Identification of post-menopausal women at risk of osteoporosis by trained general dental practitioners using panoramic radiographs. <i>Dentomaxillofacial Radiology</i> , 2007, 36, 149-154.	1.3	54
81	Computer-aided system for measuring the mandibular cortical width on dental panoramic radiographs in identifying postmenopausal women with low bone mineral density. <i>Osteoporosis International</i> , 2006, 17, 753-759.	1.3	69
82	Use of dental panoramic radiographs in identifying younger postmenopausal women with osteoporosis. <i>Osteoporosis International</i> , 2006, 17, 387-394.	1.3	156
83	Diagnostic performance of general dental practitioners after lecture in identifying post-menopausal women with low bone mineral density by panoramic radiographs. <i>Dentomaxillofacial Radiology</i> , 2006, 35, 249-252.	1.3	26
84	Relationship between self-reported periodontal status and skeletal bone mineral density in Japanese postmenopausal women. <i>Menopause</i> , 2005, 12, 144-148.	0.8	22
85	Metastatic retinoblastoma of the maxilla and mandible. <i>Dentomaxillofacial Radiology</i> , 2005, 34, 126-131.	1.3	15
86	Visual assessment of the mandibular cortex on panoramic radiographs to identify postmenopausal women with low bone mineral densities. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2005, 100, 226-231.	1.6	59
87	Validation of Dental Panoramic Radiography Measures for Identifying Postmenopausal Women with Spinal Osteoporosis. <i>American Journal of Roentgenology</i> , 2004, 183, 1755-1760.	1.0	116
88	Relationship Between Dental Panoramic Radiographic Findings and Biochemical Markers of Bone Turnover. <i>Journal of Bone and Mineral Research</i> , 2003, 18, 1689-1694.	3.1	84
89	Abstractsâ€”Dental radiology vol. 42, 2002. <i>Oral Radiology</i> , 2003, 19, 89-96.	0.9	0
90	Dental panoramic radiograph as a tool to detect postmenopausal women with low bone mineral density: untrained general dental practitioners' diagnostic performance. <i>Osteoporosis International</i> , 2003, 14, 659-664.	1.3	104

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91	Detection of Vascular Disease Risk in Women by Panoramic Radiography. Journal of Dental Research, 2003, 82, 838-843.	2.5	18
92	Abstracts“Dental radiology vol. 41, 2001. Oral Radiology, 2002, 18, 53-59.	0.9	0
93	Case-control study on self-reported osteoporotic fractures and mandibular cortical bone. Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics, 2000, 90, 518-524.	1.6	135
94	Analysis of Age Dependency of Permanent Tooth Loss Based on Repeated Observations.. Japanese Journal of Biometrics, 1999, 20, 41-55.	0.0	0
95	Role of panoramic radiographis in differential diagnosis of patients with temporomandibular dysfunction. Oral Radiology, 1997, 13, 103-108.	0.9	2
96	Usefulness of panoramic radiography in the diagnosis of postmenopausal osteoporosis in women. Width and morphology of inferior cortex of the mandible.. Dentomaxillofacial Radiology, 1996, 25, 263-267.	1.3	177
97	Relationship between the mandibular and lumbar vertebral bone mineral density at different postmenopausal stages.. Dentomaxillofacial Radiology, 1996, 25, 130-135.	1.3	75