

# Thomas von Arx

## List of Publications by Year in descending order

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83  
papers

3,779  
citations

109321

35  
h-index

128289

60  
g-index

92  
all docs

92  
docs citations

92  
times ranked

2823  
citing authors

#	ARTICLE	IF	CITATIONS
1	Horizontal ridge augmentation using autogenous block grafts and the guided bone regeneration technique with collagen membranes: a clinical study with 42 patients. <i>Clinical Oral Implants Research</i> , 2006, 17, 359-366.	4.5	336
2	Comparison of Periapical Radiography and Limited Cone-Beam Tomography in Posterior Maxillary Teeth Referred for Apical Surgery. <i>Journal of Endodontics</i> , 2008, 34, 557-562.	3.1	294
3	Surgical procedures in partially edentulous patients with ITI implants. <i>Clinical Oral Implants Research</i> , 2000, 11, 83-100.	4.5	151
4	Basic surgical principles with ITI implants. <i>Clinical Oral Implants Research</i> , 2000, 11, 59-68.	4.5	145
5	Lateral ridge augmentation using different bone fillers and barrier membrane application. <i>Clinical Oral Implants Research</i> , 2001, 12, 260-269.	4.5	135
6	Prognostic Factors in Apical Surgery with Root-end Filling: A Meta-analysis. <i>Journal of Endodontics</i> , 2010, 36, 957-973.	3.1	134
7	Five-Year Longitudinal Assessment of the Prognosis of Apical Microsurgery. <i>Journal of Endodontics</i> , 2012, 38, 570-579.	3.1	126
8	Morphology of the nasopalatine canal and dental implant surgery: a radiographic analysis of 100 consecutive patients using limited cone-beam computed tomography. <i>Clinical Oral Implants Research</i> , 2011, 22, 295-301.	4.5	117
9	Performance of dental implants after staged sinus floor elevation procedures: 5-year results of a prospective study in partially edentulous patients. <i>Clinical Oral Implants Research</i> , 2008, 19, 1034-1043.	4.5	109
10	Neurosensory disturbances following bone harvesting in the symphysis: a prospective clinical study. <i>Clinical Oral Implants Research</i> , 2005, 16, 432-439.	4.5	101
11	Clinical and Radiographic Assessment of Various Predictors for Healing Outcome 1 Year After Periapical Surgery. <i>Journal of Endodontics</i> , 2007, 33, 123-128.	3.1	100
12	Comparison of intraoral radiography and limited cone beam computed tomography for the assessment of root-fractured permanent teeth. <i>Dental Traumatology</i> , 2009, 25, 571-577.	2.0	94
13	Lateral Ridge Augmentation Using Autogenous Block Grafts and Guided Bone Regeneration: A 10-Year Prospective Case Series Study. <i>Clinical Implant Dentistry and Related Research</i> , 2017, 19, 85-96.	3.7	87
14	Decoronation of an ankylosed tooth for preservation of alveolar bone prior to implant placement*. <i>Dental Traumatology</i> , 2001, 17, 93-95.	2.0	86
15	Membrane durability and tissue response of different bioresorbable barrier membranes: a histologic study in the rabbit calvarium. <i>International Journal of Oral and Maxillofacial Implants</i> , 2005, 20, 843-53.	1.4	85
16	Location and Dimensions of the Mental Foramen: A Radiographic Analysis by Using Cone-beam Computed Tomography. <i>Journal of Endodontics</i> , 2013, 39, 1522-1528.	3.1	84
17	Radiographic Study of the Mandibular Retromolar Canal: An Anatomic Structure with Clinical Importance. <i>Journal of Endodontics</i> , 2011, 37, 1630-1635.	3.1	83
18	Characteristics and Dimensions of the Schneiderian Membrane and Apical Bone in Maxillary Molars Referred for Apical Surgery: A Comparative Radiographic Analysis Using Limited Cone Beam Computed Tomography. <i>Journal of Endodontics</i> , 2012, 38, 51-57.	3.1	83

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19	Apical surgery: A review of current techniques and outcome. Saudi Dental Journal, 2011, 23, 9-15.	1.6	77
20	Comparison of a new dental trauma splint device (TTS) with three commonly used splinting techniques. Dental Traumatology, 2001, 17, 266-274.	2.0	70
21	Clinical Results with Two Different Methods of Root-end Preparation and Filling in Apical Surgery: Mineral Trioxide Aggregate and Adhesive Resin Composite. Journal of Endodontics, 2010, 36, 1122-1129.	3.1	69
22	Periapical surgery and the maxillary sinus: radiographic parameters for clinical outcome. Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics, 2007, 103, 848-853.	1.4	67
23	Correlation of Bone Defect Dimensions with Healing Outcome One Year after Apical Surgery. Journal of Endodontics, 2007, 33, 1044-1048.	3.1	62
24	Human and Feline Invasive Cervical Resorptions: The Missing Link? Presentation of Four Cases. Journal of Endodontics, 2009, 35, 904-913.	3.1	62
25	Assessment of bone channels other than the nasopalatine canal in the anterior maxilla using limited cone beam computed tomography. Surgical and Radiologic Anatomy, 2013, 35, 783-790.	1.2	62
26	Splinting of traumatized teeth with a new device: TTS (Titanium Trauma Splint). Dental Traumatology, 2001, 17, 180-184.	2.0	60
27	Evaluation of Location and Dimensions of Lingual Foramina Using Limited Cone-Beam Computed Tomography. Journal of Oral and Maxillofacial Surgery, 2011, 69, 2777-2785.	1.2	58
28	Proximity of Premolar Roots to Maxillary Sinus: Radiographic Survey Using Cone-beam Computed Tomography. Journal of Endodontics, 2014, 40, 1541-1548.	3.1	58
29	Failed Root Canals: The Case for Apicoectomy (Periradicular Surgery). Journal of Oral and Maxillofacial Surgery, 2005, 63, 832-837.	1.2	50
30	Treatment of replacement resorption with Emdogain® - preliminary results after 10 months. Dental Traumatology, 2001, 17, 134-138.	2.0	47
31	Comparison between Radiographic (2-dimensional and 3-dimensional) and Histologic Findings of Periapical Lesions Treated with Apical Surgery. Journal of Endodontics, 2015, 41, 804-811.	3.1	47
32	5-year Results Comparing Mineral Trioxide Aggregate and Adhesive Resin Composite for Root-end Sealing in Apical Surgery. Journal of Endodontics, 2014, 40, 1077-1081.	3.1	44
33	Evaluation of New Cone-beam Computed Tomographic Criteria for Radiographic Healing Evaluation after Apical Surgery: Assessment of Repeatability and Reproducibility. Journal of Endodontics, 2016, 42, 236-242.	3.1	42
34	The use of regenerative techniques in apical surgery: A literature review. Saudi Dental Journal, 2011, 23, 113-127.	1.6	40
35	A 10-year Follow-up Study of 119 Teeth Treated with Apical Surgery and Root-end Filling with Mineral Trioxide Aggregate. Journal of Endodontics, 2019, 45, 394-401.	3.1	39
36	Frequency, location, and association with dental pathology of mucous retention cysts in the maxillary sinus. A radiographic study using cone beam computed tomography (CBCT). Clinical Oral Investigations, 2018, 22, 1175-1183.	3.0	34

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37	Detection of Dentinal Cracks after Root-end Resection: An Ex Vivo Study Comparing Microscopy and Endoscopy with Scanning Electron Microscopy. <i>Journal of Endodontics</i> , 2010, 36, 1563-1568.	3.1	25
38	The Face – A Vascular Perspective. A literature review. <i>Swiss Dental Journal</i> , 2018, 128, 382-392.	0.1	24
39	Vertical root fractures of endodontically treated posterior teeth: A histologic analysis with clinical and radiographic correlates. <i>Swiss Dental Journal</i> , 2017, 127, 14-23.	0.1	21
40	Treatment Decisions in 330 Cases Referred for Apical Surgery. <i>Journal of Endodontics</i> , 2014, 40, 187-191.	3.1	19
41	Ophthalmologic complications after intraoral local anesthesia. <i>Swiss Dental Journal</i> , 2014, 124, 784-806.	0.1	19
42	Anterior superior alveolar nerve (ASAN). <i>Swiss Dental Journal</i> , 2015, 125, 1202-9.	0.1	18
43	Clinical Oral Anatomy. , 2017, , .		17
44	A retrospective analysis of autotransplanted teeth including an evaluation of a novel surgical technique. <i>Clinical Oral Investigations</i> , 2021, 25, 3513-3525.	3.0	17
45	The resection angle in apical surgery: a CBCT assessment. <i>Clinical Oral Investigations</i> , 2016, 20, 2075-2082.	3.0	16
46	The Morphology of the Infraorbital Nerve and Foramen in the Presence of an Accessory Infraorbital Foramen. <i>Journal of Craniofacial Surgery</i> , 2019, 30, 244-253.	0.7	16
47	Five-year Changes in Periodontal Parameters after Apical Surgery. <i>Journal of Endodontics</i> , 2011, 37, 910-918.	3.1	15
48	Characteristics and dimensions of the infraorbital canal: a radiographic analysis using cone beam computed tomography (CBCT). <i>Surgical and Radiologic Anatomy</i> , 2019, 41, 169-179.	1.2	15
49	Evaluation of a possible association between a history of dentoalveolar injury and the shape and size of the nasopalatine canal. <i>Clinical Oral Investigations</i> , 2016, 20, 553-561.	3.0	14
50	Radiographic Assessment of Bone Healing Using Cone-beam Computed Tomographic Scans 1 and 5 Years after Apical Surgery. <i>Journal of Endodontics</i> , 2019, 45, 1307-1313.	3.1	13
51	Hemostatic Agents in Endodontic Surgery: A Randomized Controlled Pilot Study of Polytetrafluoroethylene Strips as an Adjunct to Epinephrine Impregnated Gauze Versus Aluminum Chloride. <i>Journal of Endodontics</i> , 2019, 45, 970-976.	3.1	13
52	Changes of Root Length and Root-to-Crown Ratio after Apical Surgery: An Analysis by Using Cone-beam Computed Tomography. <i>Journal of Endodontics</i> , 2015, 41, 1424-1429.	3.1	12
53	Occurrence of Vertical Root Fractures after Apical Surgery: A Retrospective Analysis. <i>Journal of Endodontics</i> , 2021, 47, 239-246.	3.1	12
54	Splinting of traumatized teeth with focus on adhesive techniques. <i>Journal of the California Dental Association</i> , 2005, 33, 409-14.	0.1	12

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55	Extraoral anatomy in CBCT – a literature review. Part 1: Nasoethmoidal region. Swiss Dental Journal, 2019, 129, 804-815.	0.1	11
56	Assessment of the Nonoperated Root after Apical Surgery of the Other Root in Mandibular Molars: A 5-year Follow-up Study. Journal of Endodontics, 2015, 41, 442-446.	3.1	10
57	Frequency and type of incidentally detected radiodensities in the maxillary sinus: a retrospective analysis using cone beam computed tomography (CBCT). Clinical Oral Investigations, 2019, 23, 1091-1099.	3.0	10
58	Morphometric characteristics of the sphenoid sinus and potential influencing factors: a retrospective assessment using cone beam computed tomography (CBCT). Anatomical Science International, 2021, 96, 544-555.	1.0	9
59	The Face – A Musculoskeletal Perspective. A literature review. Swiss Dental Journal, 2018, 128, 678-688.	0.1	9
60	Laser Doppler flowmetry for assessment of anterior mandibular teeth in conjunction with bone harvesting in the symphysis: a clinical pilot study. International Journal of Oral and Maxillofacial Implants, 2007, 22, 383-9.	1.4	8
61	The bifid mandibular canal in three-dimensional radiography: morphologic and quantitative characteristics. Swiss Dental Journal, 2021, 131, 10-28.	0.1	8
62	Perforation of the maxillary sinus floor during apical surgery of maxillary molars: A retrospective analysis using cone beam computed tomography. Australian Endodontic Journal, 2020, 46, 176-183.	1.5	7
63	Proximity of Vascular Bone Channel in the Lateral Sinus Wall to Root Apices of Maxillary First Molars: A Cone-beam Computed Tomographic Analysis. Journal of Endodontics, 2019, 45, 1472-1478.	3.1	6
64	Distances of root apices to adjacent anatomical structures in the anterior maxilla: an analysis using cone beam computed tomography. Clinical Oral Investigations, 2019, 23, 2253-2263.	3.0	6
65	Long-term effectiveness of 6mm micro-rough implants in various indications: A 4.6 to 18.2 year retrospective study. Clinical Oral Implants Research, 2021, 32, 1008-1018.	4.5	6
66	Gingival recession following apical surgery in the esthetic zone: a clinical study with 70 cases. The European Journal of Esthetic Dentistry: Official Journal of the European Academy of Esthetic Dentistry, 2009, 4, 28-45.	0.3	6
67	Changes of Periodontal Parameters after Apical Surgery: Correlation of Clinical and Cone-beam Computed Tomographic Data. Journal of Endodontics, 2017, 43, 876-884.	3.1	5
68	The use of the endoscope in endodontic surgery: A systematic review. Journal of Clinical and Experimental Dentistry, 2020, 12, e972-e978.	1.2	5
69	Outcome of Periapical Surgery in Molars: A Retrospective Analysis of 424 Teeth. Journal of Endodontics, 2021, 47, 1703-1714.	3.1	4
70	Endoscope- and video-assisted endodontic surgery. Quintessence International, 2002, 33, 255-9.	0.1	4
71	Incision techniques and flap designs for apical surgery in the anterior maxilla. The European Journal of Esthetic Dentistry: Official Journal of the European Academy of Esthetic Dentistry, 2008, 3, 110-26.	0.3	4
72	Bioceramic root repair material (BCRRM) for root-end obturation in apical surgery. An analysis of 174 teeth after 1 year. Swiss Dental Journal, 2020, 130, 390-396.	0.1	4

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73	Healing of periapical lesions with complete loss of the buccal bone plate: a histologic study in the canine mandible. <i>International Journal of Periodontics and Restorative Dentistry</i> , 2003, 23, 157-67.	1.0	3
74	Extraoral anatomy in CBCT – a literature review. Part 3: Retromaxillary region. <i>Swiss Dental Journal</i> , 2020, 130, 216-228.	0.1	3
75	Apical surgery: Effect of dimensions of root-end fillings and peripheral root dentine on healing outcome. <i>European Endodontic Journal</i> , 2019, 4, 49-56.	0.6	2
76	The Face – A Neurosensory Perspective. <i>Swiss Dental Journal</i> , 2017, 127, 1066-1075.	0.1	2
77	Extraoral anatomy in CBCT – a literature review. Part 2: Zygomatico-orbital region. <i>Swiss Dental Journal</i> , 2020, 130, 126-138.	0.1	2
78	Anatomical variations of the ethmoid sinuses and their association with health or pathology of the ethmoid and maxillary sinuses in a Southern Chinese population: An analysis using cone-beam computed tomography. <i>Imaging Science in Dentistry</i> , 2022, 52, 109.	1.8	1
79	Unique air inclusions within the nasopalatine duct indicating its presence radiographically: a case presentation. <i>Surgical and Radiologic Anatomy</i> , 2020, 42, 817-821.	1.2	0
80	Extraoral anatomy in CBCT – a literature review. Part 4: Pharyngocervical region. <i>Swiss Dental Journal</i> , 2020, 130, 768-784.	0.1	0
81	Outcome of first-time surgical closures of oroantral communications due to tooth extractions. A retrospective analysis of 162 cases. <i>Swiss Dental Journal</i> , 2020, 130, 972-982.	0.1	0
82	Retrospective Analysis of Dento-alveolar Injuries at a Swiss University Clinic (2011-2015). <i>Swiss Dental Journal</i> , 2021, 131, 500-510.	0.1	0
83	The anatomical variability of the sphenoid sinus in CBCT - a retrospective study. <i>Swiss Dental Journal</i> , 2021, 132, .	0.1	0