

# Felix Krause

## List of Publications by Year in descending order

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Version: 2024-02-01

45  
papers

1,105  
citations

394421

19  
h-index

414414

32  
g-index

51  
all docs

51  
docs citations

51  
times ranked

1187  
citing authors

#	ARTICLE	IF	CITATIONS
1	Short-term clinical effects of adjunctive antimicrobial photodynamic therapy in periodontal treatment: a randomized clinical trial. <i>Journal of Clinical Periodontology</i> , 2008, 35, 877-884.	4.9	243
2	Spectrophotometric and visual evaluation of vital tooth bleaching employing different carbamide peroxide concentrations. <i>Dental Materials</i> , 2007, 23, 165-169.	3.5	71
3	Dental Applications of Optical Coherence Tomography (OCT) in Cariology. <i>Applied Sciences (Switzerland)</i> , 2017, 7, 472.	2.5	48
4	The impact of antimicrobial photodynamic therapy in an artificial biofilm model. <i>Lasers in Medical Science</i> , 2012, 27, 615-620.	2.1	46
5	Evaluation of selective calculus removal by a fluorescence feedback-controlled Er:YAG laser in vitro. <i>Journal of Clinical Periodontology</i> , 2007, 34, 66-71.	4.9	40
6	MicroRNAs as Salivary Markers for Periodontal Diseases: A New Diagnostic Approach?. <i>BioMed Research International</i> , 2016, 2016, 1-14.	1.9	39
7	Fluorescence-controlled Er:YAG laser for caries removal in permanent teeth: a randomized clinical trial. <i>European Journal of Oral Sciences</i> , 2008, 116, 170-176.	1.5	38
8	Subjective intensity of pain during the treatment of periodontal lesions with the Vectorm-system. <i>Journal of Periodontal Research</i> , 2003, 38, 135-140.	2.7	34
9	Laser Fluorescence Measurements Compared to Electrical Resistance of Residual Dentine in Excavated Cavities in vivo. <i>Caries Research</i> , 2007, 41, 135-140.	2.0	34
10	Imaging resin infiltration into non-cavitated carious lesions by optical coherence tomography. <i>Journal of Dentistry</i> , 2017, 60, 94-98.	4.1	34
11	Detection of Subgingival Calculus With a Novel LED-Based Optical Probe. <i>Journal of Periodontology</i> , 2005, 76, 1202-1206.	3.4	32
12	Efficiency of subgingival calculus removal with the Vectorm-system compared to ultrasonic scaling and hand instrumentation in vitro. <i>Journal of Periodontal Research</i> , 2005, 40, 48-52.	2.7	30
13	Removal of root substance with the Vectorm-system compared with conventional debridement in vitro. <i>Journal of Clinical Periodontology</i> , 2005, 32, 153-157.	4.9	25
14	The Influence of the Calibration Mode of a Laser Fluorescence Device on Caries Detection. <i>Caries Research</i> , 2005, 39, 144-149.	2.0	25
15	OCT for early quality evaluation of tooth-composite bond in clinical trials. <i>Journal of Dentistry</i> , 2018, 76, 46-51.	4.1	25
16	Efficiency of the VectorTM-system compared with conventional subgingival debridement in vitro and in vivo. <i>Journal of Clinical Periodontology</i> , 2006, 33, 568-574.	4.9	22
17	Subjective intensity of pain during ultrasonic supragingival calculus removal. <i>Journal of Clinical Periodontology</i> , 2007, 34, 668-672.	4.9	22
18	Evaluation of selective caries removal in deciduous teeth by a fluorescence feedback-controlled Er:YAG laser in vivo. <i>Clinical Oral Investigations</i> , 2008, 12, 209-215.	3.0	22

#	ARTICLE	IF	CITATIONS
19	Comparison of two laser fluorescence devices for the detection of occlusal caries <i>in vivo</i> . European Journal of Oral Sciences, 2007, 115, 252-256.	1.5	21
20	Systematic review and meta-analysis of diagnostic studies of proximal surface caries. Clinical Oral Investigations, 2021, 25, 6069-6079.	3.0	20
21	The impact of expert- and peer feedback on communication skills of undergraduate dental students â€” a single-blinded, randomized, controlled clinical trial. Patient Education and Counseling, 2017, 100, 2275-2282.	2.2	19
22	Internal and marginal adaptation of high-viscosity bulk-fill composites in class II cavities placed with different adhesive strategies. Odontology / the Society of the Nippon Dental University, 2019, 107, 374-382.	1.9	19
23	Systematic review and meta-analysis of diagnostic methods for occlusal surface caries. Clinical Oral Investigations, 2021, 25, 4801-4815.	3.0	18
24	Effects of composite fissure sealants on IR laser fluorescence measurements. Lasers in Medical Science, 2008, 23, 133-139.	2.1	15
25	No difference between manual and different power toothbrushes with and without specific instructions in young, oral healthy adultsâ€™ results of a randomized clinical trial. Clinical Oral Investigations, 2018, 22, 1147-1155.	3.0	15
26	OCT assessment of non-cavitated occlusal carious lesions by variation of incidence angle of probe light and refractive index matching. Journal of Dentistry, 2017, 62, 31-35.	4.1	11
27	Association of chairside salivary aMMP-8 findings with periodontal risk assessment parameters in patients receiving supportive periodontal therapy. Journal of Periodontal and Implant Science, 2018, 48, 251.	2.0	11
28	Optical coherence tomography to evaluate variance in the extent of carious lesions in depth. Lasers in Medical Science, 2018, 33, 1573-1579.	2.1	10
29	Spectrophotometric evaluation of a novel aesthetic composite resin with respect to different backgrounds <i>in vitro</i> . Odontology / the Society of the Nippon Dental University, 2013, 101, 60-66.	1.9	9
30	Different views of dentists and general medical practitioners on dental care for patients with diabetes mellitus and coronary heart diseases: results of a questionnaire-based survey in a district of Germany. International Dental Journal, 2018, 68, 197-203.	2.6	9
31	OCT evaluation of the internal adaptation of ceramic veneers depending on preparation design and ceramic thickness. Dental Materials, 2021, 37, 423-431.	3.5	9
32	Effect of simulated pulpal fluid circulation on intrapulpal temperature following irradiation with an Nd:YVO4 laser. Lasers in Medical Science, 2015, 30, 1197-1202.	2.1	8
33	Visualization of the pulp chamber roof and residual dentin thickness by spectral-domain optical coherence tomography <i>in vitro</i> . Lasers in Medical Science, 2019, 34, 973-980.	2.1	8
34	Identifying and Avoiding Risk of Bias in Caries Diagnostic Studies. Journal of Clinical Medicine, 2021, 10, 3223.	2.4	8
35	Antimicrobial Impact of Different Air-Polishing Powders in a Subgingival Biofilm Model. Antibiotics, 2021, 10, 1464.	3.7	8
36	Use of AC impedance spectroscopy for monitoring sound teeth and incipient carious lesions. Clinical Oral Investigations, 2017, 21, 2421-2427.	3.0	7

#	ARTICLE	IF	CITATIONS
37	A videoâ€and feedbackâ€based approach to teaching communication skills in undergraduate clinical dental education: The student perspective. <i>European Journal of Dental Education</i> , 2022, 26, 138-146.	2.0	7
38	Evaluation of calculus imaging on root surfaces by spectral-domain optical coherence tomography. <i>Photodiagnosis and Photodynamic Therapy</i> , 2019, 25, 275-279.	2.6	5
39	Evaluation of an educational concept for risk-oriented prevention in undergraduate dental education. <i>BMC Medical Education</i> , 2020, 20, 298.	2.4	5
40	STANDARD Reporting of CAries Detection and Diagnostic Studies (STARCARDDS). <i>Clinical Oral Investigations</i> , 2022, 26, 1947-1955.	3.0	5
41	Laser fluorescence of dentin caries covered with a novel nano-filled sealant. <i>Lasers in Medical Science</i> , 2013, 28, 133-138.	2.1	3
42	Arrest of root caries with an adjuvant chlorhexidineâ€fluoride varnish over a 12-months observation period: a QLF-analyzed, placebo-controlled, randomized, clinical trial (RCT). <i>Odontology / the Society of the Nippon Dental University</i> , 2021, , 1.	1.9	3
43	Halitosis: measurement in daily practice. <i>Quintessence International</i> , 2015, 46, 633-41.	0.4	3
44	Knowledge of undergraduate dental students regarding management of caries lesions. <i>BDJ Open</i> , 2022, 8, 9.	2.1	1
45	The impact of antimicrobial photodynamic therapy on <i>Streptococcus mutans</i> in an artificial biofilm model. <i>Proceedings of SPIE</i> , 2010, , .	0.8	0