AleÅ¡ Fidler

List of Publications by Year
in descending order

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47	534	687220	752573
papers	citations	13 h-index	20 g-index

49	49	49	540
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Methods and parameters for digital evaluation of gingival recession: A critical review. Journal of Dentistry, 2022, 118, 103793.	1.7	8
2	Bilateral parotid glands aplasia: a case report and literature review. Oral Radiology, 2022, , 1.	0.9	2
3	Biofilm in Endodontics: In Vitro Cultivation Possibilities, Sonic-, Ultrasonic- and Laser-Assisted Removal Techniques and Evaluation of the Cleaning Efficacy. Polymers, 2022, 14, 1334.	2.0	17
4	Evaluation of gingival recessions with conventional versus digital methods. Journal of Dentistry, 2022, 120, 104093.	1.7	3
5	A novel computerâ€aided method for direct measurements and visualization of gingival margin changes. Journal of Clinical Periodontology, 2022, 49, 153-163.	2.3	5
6	An Intron c.103-3T>C Variant of the AMELX Gene Causes Combined Hypomineralized and Hypoplastic Type of Amelogenesis Imperfecta: Case Series and Review of the Literature. Genes, 2022, 13, 1272.	1.0	2
7	Gingival shape analysis using surface curvature estimation of the intraoral scans. BMC Oral Health, 2022, 22, .	0.8	2
8	Assessment of reference areas for superimposition of serial 3D models of patients with advanced periodontitis for volumetric soft tissue evaluation. Journal of Clinical Periodontology, 2021, 48, 765-773.	2.3	10
9	A Critical Review of Methods for Quantitative Evaluation of Root Canal Transportation. Journal of Endodontics, 2021, 47, 721-731.	1.4	14
10	Real-life dental examination elicits physiological responses different to visual and auditory dental-related stimuli. PLoS ONE, 2021, 16, e0252128.	1.1	2
11	Urgent dental care on a national level during the <scp>COVID</scp>â€19 epidemic. Clinical and Experimental Dental Research, 2021, 7, 271-278.	0.8	12
12	The precision of gingival recession measurements is increased by an automated curvature analysis method. BMC Oral Health, 2021, 21, 505.	0.8	7
13	Virus transmission by ultrasonic scaler and its prevention by antiviral agent: an in vitro study. Journal of Periodontology, 2021, , .	1.7	6
14	Measurement of Pressures Generated in Root Canal During Er:YAG Laser-Activated Irrigation. Photobiomodulation, Photomedicine, and Laser Surgery, 2020, 38, 625-631.	0.7	17
15	<scp>3D</scp> computerâ€aided treatment planning in periodontology: A novel approach for evaluation and visualization of soft tissue thickness. Journal of Esthetic and Restorative Dentistry, 2020, 32, 457-462.	1.8	8
16	A Longitudinal Study of DMFT Counts in a Population of Ljubljana Over a Thirty Year Period. Oral Health & Preventive Dentistry, 2020, 18, 693-699.	0.3	0
17	Evaluation of Apical Extrusion During Novel Er:YAG Laser-Activated Irrigation Modality. Photobiomodulation, Photomedicine, and Laser Surgery, 2019, 37, 544-550.	0.7	25
18	Bone and soft tissue changes associated with a removable partial denture. A novel method with a fusion of CBCT and optical 3D images. Computers in Biology and Medicine, 2019, 108, 78-84.	3.9	6

#	Article	IF	Citations
19	Presentation of gaps around endodontic access cavity restoration by phase contrast-enhanced micro-CT. Clinical Oral Investigations, 2019, 23, 2371-2381.	1.4	9
20	About a method for compressing x-ray computed microtomography data. Measurement Science and Technology, 2018, 29, 044002.	1.4	6
21	Bacterial microleakage of temporary filling materials used for endodontic access cavity sealing. Journal of Dental Sciences, 2016, 11, 394-400.	1.2	10
22	Effect of medicaments used in endodontic regeneration technique on push-out bond strength of MTA and Biodentine. Biotechnology and Biotechnological Equipment, 2016, 30, 140-144.	0.5	6
23	Effect of Er:YAG laser pretreatment on bond strength of a composite core build-up material to fiber posts. Lasers in Medical Science, 2015, 30, 733-740.	1.0	5
24	Near-infrared hyperspectral imaging of water evaporation dynamics for early detection of incipient caries. Journal of Dentistry, 2014, 42, 1242-1247.	1.7	38
25	Kinematics of 2 Reciprocating Endodontic Motors: The Difference between Actual and Set Values. Journal of Endodontics, 2014, 40, 990-994.	1.4	40
26	Radiopacity of dental restorative materials. Clinical Oral Investigations, 2013, 17, 1167-1177.	1.4	38
27	Location and dimensions of access cavity in permanent incisors, canines, and premolars. Journal of Conservative Dentistry, 2013, 16, 404.	0.3	12
28	Automated Classification and Visualization of Healthy and Diseased Hard Dental Tissues by Near-Infrared Hyperspectral Imaging. Applied Spectroscopy, 2012, 66, 1067-1074.	1.2	20
29	Hyperspectral laser-induced autofluorescence imaging of dental caries. Proceedings of SPIE, 2012, , .	0.8	0
30	Evaluation of cross-polarized near infrared hyperspectral imaging for early detection of dental caries. Proceedings of SPIE, 2012, , .	0.8	10
31	Improved classification and visualization of healthy and pathological hard dental tissues by modeling specular reflections in NIR hyperspectral images. Proceedings of SPIE, 2012, , .	0.8	2
32	Image resolution and exposure time of digital radiographs affects fractal dimension of periapical bone. Clinical Oral Investigations, 2012, 16, 1507-1510.	1.4	16
33	A construction of standardized near infrared hyper-spectral teeth database: a first step in the development of reliable diagnostic tool for quantification and early detection of caries. , 2011, , .		4
34	Fractal Analysis of Periapical Bone from Lossy Compressed Radiographs: A Comparison of Two Lossy Compression Methods. Journal of Digital Imaging, 2011, 24, 993-998.	1.6	18
35	Automated classification and visualization of healthy and pathological dental tissues based on near-infrared hyper-spectral imaging. , 2011, , .		6
36	Groupwise consistent image registration: a crucial step for the construction of a standardized near infrared hyper-spectral teeth database. Proceedings of SPIE, 2011, , .	0.8	1

#	Article	IF	Citations
37	Letter to the Editor / Reply. Caries Research, 2009, 43, 81-82.	0.9	0
38	Effect of dental material fluorescence on DIAGNOdent readings. Acta Odontologica Scandinavica, 2008, 66, 13-17.	0.9	22
39	The effect of image content on detail preservation and file size reduction in lossy compression. Dentomaxillofacial Radiology, 2007, 36, 387-392.	1.3	16
40	What Is Wrong with Compression Ratio in Lossy Image Compression?. Radiology, 2007, 245, 299-300.	3.6	14
41	Lossy JPEG compression: easy to compress, hard to compare. Dentomaxillofacial Radiology, 2006, 35, 67-73.	1.3	23
42	The impact of image information on compressibility and degradation in medical image compression. Medical Physics, 2006, 33, 2832-2838.	1.6	42
43	Comparative evaluation of JPEG and JPEG2000 compression in quantitative digital subtraction radiography.. Dentomaxillofacial Radiology, 2002, 31, 379-384.	1.3	14
44	Impact of JPEG lossy image compression on quantitative digital subtraction radiography.. Dentomaxillofacial Radiology, 2002, 31, 106-112.	1.3	4
45	Influence of developer exhaustion on accuracy of quantitative digital subtraction radiography. Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics, 2000, 90, 233-239.	1.6	8
46	Impact of JPEG lossy image compression on quantitative digital subtraction radiography. Dentomaxillofacial Radiology, 0, 31, 106-112.	1.3	3
47	COMPUTER-AIDED PHASE IDENTIFICATION AND FRAME-TO-FRAME ANALYSIS OF ENDODONTIC ASYMMETRIC RECIPROCATION ROTATION: A PRELIMINARY STUDY. Image Analysis and Stereology, 0, , .	0.4	1