

Daniel B Wiedemeier

List of Publications by Year in descending order

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Version: 2024-02-01

76
papers

1,466
citations

430874

18
h-index

361022

35
g-index

79
all docs

79
docs citations

79
times ranked

2203
citing authors

#	ARTICLE	IF	CITATIONS
1	Aromaticity and degree of aromatic condensation of char. <i>Organic Geochemistry</i> , 2015, 78, 135-143.	1.8	207
2	Global-scale evidence for the refractory nature of riverine black carbon. <i>Nature Geoscience</i> , 2018, 11, 584-588.	12.9	111
3	Root litter decomposition slows with soil depth. <i>Soil Biology and Biochemistry</i> , 2018, 125, 103-114.	8.8	110
4	The Microbiome of Peri-Implantitis: A Systematic Review and Meta-Analysis. <i>Microorganisms</i> , 2020, 8, 661.	3.6	93
5	Five-Year Survival of Short Single-Tooth Implants (6 mm): A Randomized Controlled Clinical Trial. <i>Journal of Dental Research</i> , 2018, 97, 887-892.	5.2	64
6	Efficacy of chlorhexidine rinses after periodontal or implant surgery: a systematic review. <i>Clinical Oral Investigations</i> , 2019, 23, 21-32.	3.0	64
7	Improved assessment of pyrogenic carbon quantity and quality in environmental samples by high-performance liquid chromatography. <i>Journal of Chromatography A</i> , 2013, 1304, 246-250.	3.7	57
8	Pyrogenic molecular markers: Linking PAH with BPCA analysis. <i>Chemosphere</i> , 2015, 119, 432-437.	8.2	50
9	The amount of keratinized mucosa may not influence peri-implant health in compliant patients: A retrospective 5-year analysis. <i>Journal of Clinical Periodontology</i> , 2019, 46, 354-362.	4.9	37
10	Bioactivity and Physico-Chemical Properties of Dental Composites Functionalized with Nano- vs. Micro-Sized Bioactive Glass. <i>Journal of Clinical Medicine</i> , 2020, 9, 772.	2.4	36
11	Location of unaccessible implant surface areas during debridement in simulated peri-implantitis therapy. <i>BMC Oral Health</i> , 2017, 17, 137.	2.3	34
12	Pyrogenic Carbon Lacks Long-Term Persistence in Temperate Arable Soils. <i>Frontiers in Earth Science</i> , 2017, 5, .	1.8	27
13	Accuracy of digital complete-arch, multi-implant scans made in the edentulous jaw with gingival movement simulation: An in vitro study. <i>Journal of Prosthetic Dentistry</i> , 2022, 128, 468-478.	2.8	27
14	Effects of pyrolysis conditions on Miscanthus and corncob chars: Characterization by IR, solid state NMR and BPCA analysis. <i>Journal of Analytical and Applied Pyrolysis</i> , 2017, 128, 335-345.	5.5	25
15	Intraoperative 3-dimensional cone beam computed tomographic imaging during reconstruction of the zygoma and orbit. <i>Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology</i> , 2018, 126, 192-197.	0.4	22
16	Characterization, Quantification and Compound-specific Isotopic Analysis of Pyrogenic Carbon Using Benzene Polycarboxylic Acids (BPCA). <i>Journal of Visualized Experiments</i> , 2016, , .	0.3	21
17	Accuracy of remote diagnoses using intraoral scans captured in approximate true color: a pilot and validation study in teledentistry. <i>BMC Oral Health</i> , 2020, 20, 266.	2.3	20
18	Microbial Analysis of Saliva to Identify Oral Diseases Using a Point-of-Care Compatible qPCR Assay. <i>Journal of Clinical Medicine</i> , 2020, 9, 2945.	2.4	20

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19	Oral Diagnostic Methods for the Detection of Periodontal Disease. <i>Diagnostics</i> , 2021, 11, 571.	2.6	20
20	Visualizing the dental biofilm matrix by means of fluorescence lectin-binding analysis. <i>Journal of Oral Microbiology</i> , 2017, 9, 1345581.	2.7	19
21	Salivary Biomarkers for Dental Caries Detection and Personalized Monitoring. <i>Journal of Personalized Medicine</i> , 2021, 11, 235.	2.5	19
22	3D-evaluation of the maxillary sinus in cone-beam computed tomography. <i>International Journal of Implant Dentistry</i> , 2018, 4, 17.	2.7	18
23	Change of saliva composition with radiotherapy. <i>Archives of Oral Biology</i> , 2019, 106, 104480.	1.8	17
24	Clinical outcomes of all-ceramic single crowns and fixed dental prostheses supported by ceramic implants: A systematic review and meta-analysis. <i>Clinical Oral Implants Research</i> , 2022, 33, 1-20.	4.5	17
25	Early histological, microbiological, radiological, and clinical response to cemented and screw-retained all-ceramic single crowns. <i>Clinical Oral Implants Research</i> , 2018, 29, 996-1006.	4.5	16
26	Assessment of peri-implant defects at titanium and zirconium dioxide implants by means of periapical radiographs and cone beam computed tomography: An in vitro examination. <i>Clinical Oral Implants Research</i> , 2018, 29, 1195-1201.	4.5	16
27	Evidence of secular trend in mandibular pubertal growth. <i>European Journal of Orthodontics</i> , 2017, 39, 680-685.	2.4	14
28	Purification of fire derived markers for $\delta^{13}C$ scale isotope analysis ($\delta^{13}C$, $\delta^{14}C$) using high performance liquid chromatography (HPLC). <i>Organic Geochemistry</i> , 2014, 70, 1-9.	1.8	13
29	Comparison of preseptal and retroseptal transconjunctival approaches in patients with isolated fractures of the orbital floor. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2018, 46, 388-390.	1.7	13
30	Decoupled sedimentary records of combustion: Causes and implications. <i>Geophysical Research Letters</i> , 2016, 43, 5098-5108.	4.0	11
31	Comparison of Profilometric and Microindentation Analyses for Determining the Impact of Saliva on the Abrasion of Initially Eroded Enamel. <i>Caries Research</i> , 2019, 53, 33-40.	2.0	11
32	Stable forest-savanna mosaic in northwestern Tanzania: local-scale evidence from $\delta^{13}C$ signatures and $\delta^{14}C$ ages of soil fractions. <i>Journal of Biogeography</i> , 2012, 39, 247-257.	3.0	10
33	Pure hydroxyapatite as a substitute for enamel in erosion experiments. <i>Journal of Dentistry</i> , 2019, 84, 89-94.	4.1	10
34	Erosive loss of tooth substance is dependent on enamel surface structure and presence of pellicle - An in vitro study. <i>Archives of Oral Biology</i> , 2020, 112, 104686.	1.8	10
35	A systematic review on the effect of inorganic surface coatings in large animal models and meta-analysis on tricalcium phosphate and hydroxyapatite on periimplant bone formation. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2022, 110, 157-175.	3.4	10
36	Temperature-dependent erosivity of drinks in a model simulating oral fluid dynamics. <i>Journal of Dentistry</i> , 2018, 70, 118-123.	4.1	9

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37	Success rate 1 year after apical surgery: a retrospective analysis. <i>Oral and Maxillofacial Surgery</i> , 2020, 24, 45-49.	1.3	9
38	Effects of Additional Use of Bioactive Glasses or a Hydroxyapatite Toothpaste on Remineralization of Artificial Lesions in vitro. <i>Caries Research</i> , 2020, 54, 336-342.	2.0	9
39	Diagnostic Accuracy of Cystic Lesions Using a Pre-Programmed Low-Dose and Standard-Dose Dental Cone-Beam Computed Tomography Protocol: An Ex Vivo Comparison Study. <i>Sensors</i> , 2021, 21, 7402.	3.8	9
40	Buccal soft tissue dehiscence defects at dental implantsâ€™ associated factors and frequency of occurrence: A systematic review and meta-analysis. <i>Clinical Oral Implants Research</i> , 2022, 33, 109-124.	4.5	9
41	Use of a monopolar microneedle device in a transconjunctival, retroseptal approach. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2017, 45, 1934-1937.	1.7	7
42	Comparing the Antimicrobial In Vitro Efficacy of Amoxicillin/Metronidazole against Azithromycinâ€™A Systematic Review. <i>Dentistry Journal</i> , 2018, 6, 59.	2.3	7
43	DeminerIALIZED enamel reduces margin integrity of self-etch, but not of etch-and-rinse bonded composite restorations. <i>Odontology / the Society of the Nippon Dental University</i> , 2019, 107, 308-315.	1.9	7
44	Improved Results in Closed Reduction of Zygomatic Arch Fractures by the Use of Intraoperative Cone-Beam Computed Tomography Imaging. <i>Journal of Oral and Maxillofacial Surgery</i> , 2020, 78, 414-422.	1.2	7
45	Short- and Long-Term Dentin Bond Strength of Bioactive Glass-Modified Dental Adhesives. <i>Nanomaterials</i> , 2021, 11, 1894.	4.1	7
46	Final Posttreatment Occlusion in Patients With Unilateral Cleft Lip and Palate. <i>Cleft Palate-Craniofacial Journal</i> , 2022, 59, 899-909.	0.9	7
47	Do we need CBCTs for sufficient diagnostics?-dentist-related factors. <i>International Journal of Implant Dentistry</i> , 2018, 4, 37.	2.7	6
48	Influence of Lateral Cephalometric Radiographs on Orthodontic Treatment Planning of Class II Patients. <i>Open Dentistry Journal</i> , 2018, 12, 296-302.	0.5	6
49	Comparative effectiveness of hand scaling by undergraduate dental students following a two-week pre-clinical training course. <i>European Journal of Dental Education</i> , 2019, 23, 1-7.	2.0	6
50	Treatment Success and User-Friendliness of An Electric Toothbrush App: A Pilot Study. <i>Dentistry Journal</i> , 2020, 8, 97.	2.3	6
51	Associated Ophthalmic Injuries in Patients With Fractures of the Midface. <i>Cranio-maxillofacial Trauma & Reconstruction</i> , 2020, 13, 168-173.	1.3	6
52	Potential of different fluoride gels to prevent erosive tooth wear caused by gastroesophageal reflux. <i>BMC Oral Health</i> , 2021, 21, 183.	2.3	6
53	Three-dimensional perception of cinematic rendering versus conventional volume rendering using CT and CBCT data of the facial skeleton. <i>Annals of Anatomy</i> , 2022, 241, 151905.	1.9	6
54	Prevention of Enamel Softening by Rinsing with a Calcium Solution before Dental Erosion. <i>Caries Research</i> , 2020, 54, 127-133.	2.0	5

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55	Evaluation of air polishing with a sterile powder and mechanical debridement during regenerative surgical periimplantitis treatment: a study in dogs. <i>Clinical Oral Investigations</i> , 2021, 25, 2609-2618.	3.0	5
56	Origin of MMP-8 and Lactoferrin levels from gingival crevicular fluid, salivary glands and whole saliva. <i>BMC Oral Health</i> , 2021, 21, 385.	2.3	5
57	Anti-erosive effect of a self-assembling peptide gel. <i>Swiss Dental Journal</i> , 2017, 127, 857-864.	0.1	5
58	Treatment of Peri-Implant Mucositis with Repeated Application of Chlorhexidine Chips or Gel during Supportive Therapy – A Randomized Clinical Trial. <i>Dentistry Journal</i> , 2019, 7, 115.	2.3	4
59	Detectability of Osseous Lesions with a Pre-Programmed Low-Dose Protocol for Cone-Beam Computed Tomography. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 4961.	2.5	4
60	Performance of a newly developed mineral gel system on erosive and erosive/abrasive enamel loss. An in vitro study. <i>Swiss Dental Journal</i> , 2018, 128, 790-797.	0.1	4
61	In vitro cleaning potential of waist-shaped interdental brushes. <i>Swiss Dental Journal</i> , 2019, 129, 360-367.	0.1	4
62	Microbial approaches for the assessment of toothpaste efficacy against oral species: A method comparison. <i>MicrobiologyOpen</i> , 2022, 11, e1271.	3.0	4
63	Fracture Load of CAD/CAM Feldspathic Crowns Influenced by Abutment Material. <i>Materials</i> , 2020, 13, 3407.	2.9	3
64	Effect of Adjuvant Use of NSAID in Reducing Probing Pocket Depth in the Context of Conventional Periodontal Therapy: A Systematic Review of Randomized Trials. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 7657.	2.5	3
65	Gingival recession after scaling and root planing with or without systemic metronidazole and amoxicillin: a re-review. <i>Clinical Oral Investigations</i> , 2020, 24, 1091-1100.	3.0	3
66	Toothpastes with Enzymes Support Gum Health and Reduce Plaque Formation. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 835.	2.6	3
67	The OrBiD (Oral Health, Bite Force and Dementia) Pilot Study: A Study Protocol for New Approaches to Masticatory Muscle Training and Efficient Recruitment for Longitudinal Studies in People with Dementia. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 3700.	2.6	3
68	Oral status and aesthetics after nonsurgical periodontal treatment: Do patient's perception and dentist's evaluation agree?. <i>Clinical and Experimental Dental Research</i> , 2019, 5, 601-610.	1.9	2
69	Impact of Different Etching Strategies on Margin Integrity of Conservative Composite Restorations in Demineralized Enamel. <i>Materials</i> , 2020, 13, 4500.	2.9	2
70	Mechanical properties of toothpastes with diamond abrasives. <i>Journal of Esthetic and Restorative Dentistry</i> , 2020, 32, 416-423.	3.8	2
71	Efficacy and safety of P11-4 for the treatment of periodontal defects in dogs. <i>Clinical Oral Investigations</i> , 2022, 26, 3151.	3.0	2
72	Time Efficiency of Digitally and Conventionally Produced Single-Unit Restorations. <i>Dentistry Journal</i> , 2021, 9, 62.	2.3	1

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73	Preclinical competency in scaling/root planing: comparing dental and dental hygiene studentâ€™s outcomes. Swiss Dental Journal, 2019, 129, 186-191.	0.1	1
74	Systemically administered amoxicillin/ metronidazole versus azithromycin as adjuncts to subgingival instrumentation during non-surgical periodontal therapy. A systematic review. Swiss Dental Journal, 2020, 130, 572-583.	0.1	1
75	Change of erosive potential of apple and orange juice at different dilutions. Swiss Dental Journal, 2019, 130, 12-17.	0.1	0
76	The effect of clinical education on optimizing self-care by dental students in Switzerland. Swiss Dental Journal, 2021, 132, .	0.1	0