

# Sebastian Hahnel

## List of Publications by Year in descending order

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Version: 2024-02-01

41  
papers

556  
citations

759055

12  
h-index

677027

22  
g-index

42  
all docs

42  
docs citations

42  
times ranked

740  
citing authors

#	ARTICLE	IF	CITATIONS
1	Influence of surface properties of resin-based composites on in vitro <i>Streptococcus mutans</i> biofilm development. <i>European Journal of Oral Sciences</i> , 2012, 120, 458-465.	0.7	86
2	Prevalence of xerostomia and hyposalivation and their association with quality of life in elderly patients in dependence on dental status and prosthetic rehabilitation: A pilot study. <i>Journal of Dentistry</i> , 2014, 42, 664-670.	1.7	60
3	Biofilm formation and release of fluoride from dental restorative materials in relation to their surface properties. <i>Journal of Dentistry</i> , 2017, 60, 14-24.	1.7	43
4	Biofilm formation and <i>Candida albicans</i> morphology on the surface of denture base materials. <i>Mycoses</i> , 2015, 58, 719-727.	1.8	38
5	<i>Streptococcus mutans</i> biofilm formation and release of fluoride from experimental resin-based composites depending on surface treatment and S-PRG filler particle fraction. <i>Journal of Adhesive Dentistry</i> , 2014, 16, 313-21.	0.3	37
6	<i>Candida albicans</i> biofilm formation on soft denture liners and efficacy of cleaning protocols. <i>Gerodontology</i> , 2012, 29, e383-91.	0.8	32
7	Tooth-Colored CAD/CAM Materials for Application in 3-Unit Fixed Dental Prostheses in the Molar Area: An Illustrated Clinical Comparison. <i>Materials</i> , 2020, 13, 5588.	1.3	21
8	Material selection for tooth-supported single crowns—a survey among dentists in Germany. <i>Clinical Oral Investigations</i> , 2021, 25, 283-293.	1.4	19
9	CAD/CAM Resin-Based Composites for Use in Long-Term Temporary Fixed Dental Prostheses. <i>Polymers</i> , 2021, 13, 3469.	2.0	18
10	Does recharging dental restorative materials with fluoride influence biofilm formation?. <i>Dental Materials</i> , 2019, 35, 1450-1463.	1.6	17
11	Shared Genetic and Epigenetic Mechanisms between the Osteogenic Differentiation of Dental Pulp Stem Cells and Bone Marrow Stem Cells. <i>BioMed Research International</i> , 2021, 2021, 1-25.	0.9	17
12	Characterisation of the Filler Fraction in CAD/CAM Resin-Based Composites. <i>Materials</i> , 2021, 14, 1986.	1.3	16
13	Investigation of Clinical and Laboratory Wear in Locator-Supported, Implant-Retained Overdentures. <i>International Journal of Prosthodontics</i> , 2018, 31, 334-337.	0.7	12
14	Biofilm formation on denture base resin including ZnO, CaO, and TiO <sub>2</sub> nanoparticles. <i>Journal of Advanced Prosthodontics</i> , 2017, 9, 482.	1.1	11
15	Performance of resin materials for temporary fixed denture prostheses. <i>Journal of Oral Science</i> , 2019, 61, 270-275.	0.7	11
16	“Black bone”: the new backbone in CAD/CAM-assisted craniosynostosis surgery?. <i>Acta Neurochirurgica</i> , 2021, 163, 1735-1741.	0.9	11
17	Health-Related Social and Ethical Considerations towards the Utilization of Dental Medical Services by Seniors: Influencing and Protective Factors, Vulnerability, Resilience and Sense of Coherence. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 2048.	1.2	11
18	CLEANING OF REMOVABLE DENTAL PROSTHESES – A SYSTEMATIC REVIEW. <i>Journal of Evidence-based Dental Practice</i> , 2021, 21, 101644.	0.7	9

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19	Application of macro photography in dental materials science. <i>Journal of Dentistry</i> , 2020, 102, 103495.	1.7	7
20	Sustained Calcium(II)-Release to Impart Bioactivity in Hybrid Glass Scaffolds for Bone Tissue Engineering. <i>Pharmaceutics</i> , 2020, 12, 1192.	2.0	7
21	Older Seniors during the COVID-19 Pandemic—Social Support and Oral Health-Related Quality of Life. <i>Healthcare (Switzerland)</i> , 2021, 9, 1177.	1.0	7
22	Material preferences for tooth-supported 3-unit fixed dental prostheses: A survey of German dentists. <i>Journal of Prosthetic Dentistry</i> , 2021, 126, 91.e1-91.e6.	1.1	6
23	The Effect of a Masticatory Muscle Training Program on Chewing Efficiency and Bite Force in People with Dementia. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 3778.	1.2	6
24	Observations, knowledge, and attitude towards treatment options in patients with dry mouth: a survey among German dentists. <i>Clinical Oral Investigations</i> , 2019, 23, 4189-4194.	1.4	5
25	Adhesive luting of orthodontic devices to silica-based ceramic crowns—comparison of shear bond strength and surface properties. <i>Clinical Oral Investigations</i> , 2020, 24, 3009-3016.	1.4	5
26	Combination of Digital and Conventional Workflows in the CAD/CAM-Fabrication of an Implant-Supported Overdenture. <i>Materials</i> , 2020, 13, 3688.	1.3	5
27	Undergraduate Dental Education in Gerodontology in Germany between 2004 and 2019—A case for compulsory teaching?. <i>European Journal of Dental Education</i> , 2022, 26, 523-538.	1.0	5
28	Attitude and treatment options in implant-supported prosthetics: A survey among a cohort of German dentists. <i>Journal of Advanced Prosthodontics</i> , 2020, 12, 15.	1.1	4
29	Patients referred to a German TMD-specialized consultation hour—a retrospective on patients without a diagnosis according to RDC/TMD decision trees. <i>Clinical Oral Investigations</i> , 2021, 25, 5641-5647.	1.4	4
30	Polyoxymethylene as Material for Removable Partial Dentures—A Literature Review and Illustrating Case Report. <i>Journal of Clinical Medicine</i> , 2021, 10, 1458.	1.0	4
31	Field-testing a psychosocial assessment scoring form for TMD patients - summarizing axis II instruments. <i>BMC Oral Health</i> , 2020, 20, 267.	0.8	3
32	Impact of COVID-19 on Oral and Maxillofacial Surgery: Preliminary Results After the Curfew. <i>Journal of Craniofacial Surgery</i> , 2021, 32, e305-e308.	0.3	3
33	Pain, Dental Fear, and Oral Health-related Quality of Life-Patients Seeking Care in an Emergency Dental Service in Germany. <i>Journal of Contemporary Dental Practice</i> , 2019, 20, 3-7.	0.2	3
34	Impact of the DC/TMD instructional video on the practical skills of undergraduate students—A single-blind, randomized controlled trial. <i>European Journal of Dental Education</i> , 2020, 25, 435-441.	1.0	2
35	Two-Year Longevity of Posterior Zirconia Multi-Unit Fixed Dental Prostheses with Monolithic Occlusal Surface. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 4449.	1.3	2
36	Dental tray adhesives and their role as potential transmission medium for microorganisms. <i>Clinical and Experimental Dental Research</i> , 2021, 7, 829-832.	0.8	2

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37	Cross-Contamination Risk of Dental Tray Adhesives: An In Vitro Study. <i>Materials</i> , 2021, 14, 6138.	1.3	2
38	Impact of an Oral Hygiene Intervention in People with and without Dementia on Oral Health Parameters—Results from the Oral Health, Bite Force, and Dementia (OrBiD) Pilot Study. <i>Journal of Clinical Medicine</i> , 2022, 11, 1356.	1.0	2
39	Validating laboratory simulation with resin-based materials for temporary fixed denture prostheses — Results from clinical and laboratory trials. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2020, 101, 103431.	1.5	1
40	Is Micro X-ray Computer Tomography a Suitable Non-Destructive Method for the Characterisation of Dental Materials?. <i>Polymers</i> , 2021, 13, 1271.	2.0	1
41	Do Monolithic Zirconia Restorations Affect Temporomandibular Disorder Signs and Symptoms? Data From a Prospective Clinical Trial after 1 Year of Observation. <i>International Journal of Prosthodontics</i> , 2021, 34, 448-450.	0.7	1