

# Annette Wiegand

## List of Publications by Year in descending order

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69  
papers

3,494  
citations

126907

33  
h-index

144013

57  
g-index

71  
all docs

71  
docs citations

71  
times ranked

2817  
citing authors

#	ARTICLE	IF	CITATIONS
1	Review on fluoride-releasing restorative materialsâ€”Fluoride release and uptake characteristics, antibacterial activity and influence on caries formation. <i>Dental Materials</i> , 2007, 23, 343-362.	3.5	695
2	Terminology of Erosive Tooth Wear: Consensus Report of a Workshop Organized by the ORCA and the Cariology Research Group of the IADR. <i>Caries Research</i> , 2020, 54, 2-6.	2.0	155
3	Insights into preventive measures for dental erosion. <i>Journal of Applied Oral Science</i> , 2009, 17, 75-86.	1.8	146
4	Design of Erosion/Abrasion Studies â€” Insights and Rational Concepts. <i>Caries Research</i> , 2011, 45, 53-59.	2.0	134
5	Influence of study design on the impact of bleaching agents on dental enamel microhardness: A review. <i>Dental Materials</i> , 2009, 25, 143-157.	3.5	131
6	Erosion and abrasion of tooth-colored restorative materials and human enamel. <i>Journal of Dentistry</i> , 2009, 37, 913-922.	4.1	106
7	Abrasion of eroded dentin caused by toothpaste slurries of different abrasivity and toothbrushes of different filament diameter. <i>Journal of Dentistry</i> , 2009, 37, 480-484.	4.1	103
8	Efficacy of different whitening modalities on bovine enamel and dentin. <i>Clinical Oral Investigations</i> , 2005, 9, 91-97.	3.0	86
9	Impact of toothpaste slurry abrasivity and toothbrush filament stiffness on abrasion of eroded enamel â€” an <i>in vitro</i> study. <i>Acta Odontologica Scandinavica</i> , 2008, 66, 231-235.	1.6	76
10	The Role of Oral Hygiene: Does Toothbrushing Harm?. <i>Monographs in Oral Science</i> , 2014, 25, 215-219.	1.8	70
11	Influence of chemical activation of a 35% hydrogen peroxide bleaching gel on its penetration and efficacyâ€” <i>In vitro</i> study. <i>Journal of Dentistry</i> , 2010, 38, 838-846.	4.1	68
12	Subsurface microhardness of enamel and dentin after different external bleaching procedures. <i>American Journal of Dentistry</i> , 2005, 18, 8-12.	0.1	68
13	Potential of fluoridated carbamide peroxide gels to support post-bleaching enamel re-hardening. <i>Journal of Dentistry</i> , 2007, 35, 755-759.	4.1	66
14	Effect of sodium, amine and stannous fluoride at the same concentration and different pH on <i>in vitro</i> erosion. <i>Journal of Dentistry</i> , 2009, 37, 591-595.	4.1	63
15	Repairability of CAD/CAM high-density PMMA- and composite-based polymers. <i>Clinical Oral Investigations</i> , 2015, 19, 2007-2013.	3.0	63
16	Occupational dental erosion from exposure to acids--a review. <i>Occupational Medicine</i> , 2007, 57, 169-176.	1.4	62
17	Brushing force of manual and sonic toothbrushes affects dental hard tissue abrasion. <i>Clinical Oral Investigations</i> , 2013, 17, 815-822.	3.0	61
18	Influence of fluoride on the prevention of erosive lesions--a review. <i>Oral Health &amp; Preventive Dentistry</i> , 2003, 1, 245-53.	0.5	55

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19	Impact of the <i>in situ</i> formed salivary pellicle on enamel and dentine erosion induced by different acids. <i>Acta Odontologica Scandinavica</i> , 2008, 66, 225-230.	1.6	54
20	Effect of TiF <sub>4</sub> , ZrF <sub>4</sub> , HfF <sub>4</sub> and AmF on erosion and erosion/abrasion of enamel and dentin <i>in situ</i> . <i>Archives of Oral Biology</i> , 2010, 55, 223-228.	1.8	50
21	Colour improvement and stability of white spot lesions following infiltration, micro-abrasion, or fluoride treatments <i>in vitro</i> . <i>European Journal of Orthodontics</i> , 2014, 36, 595-602.	2.4	49
22	Cost-effectiveness of repairing versus replacing composite or amalgam restorations. <i>Journal of Dentistry</i> , 2016, 54, 41-47.	4.1	49
23	Bonding performance of self-adhesive flowable composites to enamel, dentin and a nano-hybrid composite. <i>Odontology / the Society of the Nippon Dental University</i> , 2018, 106, 171-180.	1.9	49
24	12-Month color stability of enamel, dentine, and enamel-dentine samples after bleaching. <i>Clinical Oral Investigations</i> , 2008, 12, 303-310.	3.0	47
25	Effect of Titanium Tetrafluoride and Amine Fluoride Treatment Combined with Carbon Dioxide Laser Irradiation on Enamel and Dentin Erosion. <i>Photomedicine and Laser Surgery</i> , 2010, 28, 219-226.	2.0	46
26	Prevention of dentine erosion by brushing with anti-erosive toothpastes. <i>Journal of Dentistry</i> , 2014, 42, 856-861.	4.1	45
27	Prevalence and risk factors of erosive tooth wear in 3-6 year old German kindergarten children – A comparison between 2004/05 and 2014/15. <i>Journal of Dentistry</i> , 2016, 52, 45-49.	4.1	44
28	Effect of Different Fluoridation Regimes on the Microhardness of Bleached Enamel. <i>Operative Dentistry</i> , 2007, 32, 610-615.	1.2	43
29	Understanding the management and teaching of dental restoration repair: Systematic review and meta-analysis of surveys. <i>Journal of Dentistry</i> , 2018, 69, 1-21.	4.1	43
30	Repair of silorane composite – Using the same substrate or a methacrylate-based composite?. <i>Dental Materials</i> , 2012, 28, e19-e25.	3.5	39
31	Same, same, but different? A systematic review of protocols for restoration repair. <i>Journal of Dentistry</i> , 2019, 86, 1-16.	4.1	38
32	Retrospective analysis on the repair vs. replacement of composite restorations. <i>Dental Materials</i> , 2020, 36, 108-118.	3.5	37
33	Erosion-inhibiting potential of a stannous chloride-containing fluoride solution under acid flow conditions <i>in vitro</i> . <i>Archives of Oral Biology</i> , 2010, 55, 702-705.	1.8	36
34	Toothbrushing before or after an acidic challenge to minimize tooth wear? An <i>in situ/ex vivo</i> study. <i>American Journal of Dentistry</i> , 2008, 21, 13-6.	0.1	35
35	Use of dentifrices to prevent erosive tooth wear: harmful or helpful?. <i>Brazilian Oral Research</i> , 2014, 28, 1-6.	1.4	33
36	Bioactivity and properties of a dental adhesive functionalized with polyhedral oligomeric silsesquioxanes (POSS) and bioactive glass. <i>Dental Materials</i> , 2017, 33, 1056-1065.	3.5	33

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37	Fluoride uptake and resistance to further demineralisation of demineralised enamel after application of differently concentrated acidulated sodium fluoride gels. <i>Clinical Oral Investigations</i> , 2005, 9, 52-57.	3.0	32
38	Randomised in situ trial on the effect of milk and CPP-ACP on dental erosion. <i>Journal of Dentistry</i> , 2014, 42, 1210-1215.	4.1	32
39	Influence of carbamide peroxide on enamel fluoride uptake. <i>Journal of Dentistry</i> , 2006, 34, 668-675.	4.1	31
40	Attitudes, practice, and experience of German dentists regarding repair restorations. <i>Clinical Oral Investigations</i> , 2017, 21, 1087-1093.	3.0	30
41	Enamel wear by antagonistic restorative materials under erosive conditions. <i>Clinical Oral Investigations</i> , 2017, 21, 2689-2693.	3.0	28
42	Effect of olive oil and an olive-oil-containing fluoridated mouthrinse on enamel and dentin erosion <i>in vitro</i> . <i>Acta Odontologica Scandinavica</i> , 2007, 65, 357-361.	1.6	26
43	TiF4 and NaF at pH 1.2 but not at pH 3.5 are able to reduce dentin erosion. <i>Archives of Oral Biology</i> , 2009, 54, 790-795.	1.8	26
44	Erosive tooth wear and caries experience in children and adolescents with obesity. <i>Journal of Dentistry</i> , 2019, 83, 77-86.	4.1	26
45	Efficacy of enamel matrix derivatives (Emdogain <sup>®</sup> ) in treatment of replanted teeth – a systematic review based on animal studies. <i>Dental Traumatology</i> , 2008, 24, 498-502.	2.0	25
46	A new method for chlorhexidine (CHX) determination: CHX release after application of differently concentrated CHX-containing preparations on artificial fissures. <i>Clinical Oral Investigations</i> , 2008, 12, 189-196.	3.0	22
47	Protection of short-time enamel erosion by different tetrafluoride compounds. <i>Archives of Oral Biology</i> , 2008, 53, 497-502.	1.8	19
48	Is titanium tetrafluoride (TiF4) effective to prevent carious and erosive lesions? A review of the literature. <i>Oral Health &amp; Preventive Dentistry</i> , 2010, 8, 159-64.	0.5	19
49	Treatment of proximal caries lesions by tunnel restorations. <i>Dental Materials</i> , 2007, 23, 1461-1467.	3.5	18
50	Randomised controlled trial on differential learning of toothbrushing in 6- to 9-year-old children. <i>Clinical Oral Investigations</i> , 2018, 22, 2219-2228.	3.0	17
51	Contemporary teaching of restoration repair at dental schools in Germany – Close to universality and consistency. <i>Journal of Dentistry</i> , 2018, 75, 121-124.	4.1	17
52	Changes in the oral health-related quality of life in adult patients with intellectual disabilities after dental treatment under general anesthesia. <i>Clinical Oral Investigations</i> , 2019, 23, 3895-3903.	3.0	17
53	In vitro evaluation of toothbrushing abrasion of differently bleached bovine enamel. <i>American Journal of Dentistry</i> , 2004, 17, 412-6.	0.1	14
54	The effect of saliva substitutes on enamel erosion in vitro. <i>Journal of Dentistry</i> , 2014, 42, 720-725.	4.1	11

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55	Adhesion to eroded enamel and dentin: systematic review and meta-analysis. <i>Dental Materials</i> , 2021, 37, 1845-1853.	3.5	10
56	Impact of fluoride, milk and water rinsing on surface rehardening of acid softened enamel. An in situ study. <i>American Journal of Dentistry</i> , 2008, 21, 113-8.	0.1	10
57	Repair restorations: Questionnaire survey among dentists in the Canton of Zurich, Switzerland. <i>Swiss Dental Journal</i> , 2017, 127, 300-311.	0.1	10
58	Influence of two different fluoride compounds and an <i>in vitro</i> pellicle on the amount of KOH-soluble fluoride and its retention after toothbrushing. <i>Acta Odontologica Scandinavica</i> , 2009, 67, 355-359.	1.6	9
59	Comparison of micro-CT and conventional dye penetration for microleakage assessment after different aging conditions. <i>International Journal of Adhesion and Adhesives</i> , 2019, 89, 161-167.	2.9	9
60	Effectiveness of an innovative and interactive smoking cessation training module for dental students: A prospective study. <i>European Journal of Dental Education</i> , 2020, 24, 361-369.	2.0	8
61	Effect of Repairing Endodontic Access Cavities on Survival of Single Crowns and Retainer Restorations. <i>Journal of Endodontics</i> , 2020, 46, 376-382.	3.1	8
62	Relation between examinees' true knowledge and examination scores: systematic review and exemplary calculations on Multiple-True-False items. <i>Educational Research Review</i> , 2021, 34, 100409.	7.8	7
63	Quality of Information Regarding Repair Restorations on Dentist Websites: Systematic Search and Analysis. <i>Journal of Medical Internet Research</i> , 2020, 22, e17250.	4.3	7
64	In vitro cytotoxicity of different desensitizers under simulated pulpal flow conditions. <i>Journal of Adhesive Dentistry</i> , 2008, 10, 227-32.	0.5	6
65	Survival of direct composite restorations placed under general anesthesia in adult patients with intellectual and/or physical disabilities. <i>Clinical Oral Investigations</i> , 2021, 25, 4563-4569.	3.0	5
66	Questionnaire Survey on the Management of Erosive Tooth Wear. <i>Oral Health &amp; Preventive Dentistry</i> , 2019, 17, 227-234.	0.5	4
67	Influence of Simulated Pulpal Pressure on Efficacy of Bleaching Gels. <i>Journal of Contemporary Dental Practice</i> , 2014, 15, 407-412.	0.5	4
68	Erosion-Protective Capacity of the Salivary Pellicle of Female and Male Subjects Is Not Different. <i>Caries Research</i> , 2019, 53, 636-642.	2.0	3
69	Risk factors for repeated general anesthesia for dental treatment of adult patients with intellectual and/or physical disabilities. <i>Clinical Oral Investigations</i> , 2022, 26, 1695-1700.	3.0	1