Beata Czarnecka

List of Publications by Year in descending order

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47 papers	837 citations	586496 16 h-index	563245 28 g-index
47 all docs	47 docs citations	47 times ranked	769 citing authors

#	Article	IF	Citations
1	Surface Studies on Glass Powders Used in Commercial Glass-Ionomer Dental Cements. Molecules, 2021, 26, 5279.	1.7	3
2	Apical Extrusion of Debris during Root Canal Preparation with ProTaper Next, WaveOne Gold and Twisted Files. Materials, 2021, 14, 6254.	1.3	5
3	Glass-ionomer dental cements as novel solid-state buffers. Journal of Materials Research and Technology, 2021, 15, 3570-3574.	2.6	2
4	The Influence of Root Canal Preparation with ProTaper Next, WaveOne Gold, and Twisted Files on Dentine Crack Formation. Machines, 2021, 9, 332.	1.2	1
5	How Does the Color of Restorative Material Change during Exposure to Dietary Liquids Due to the Acquisition of a Discolored Layer?. Coatings, 2020, 10, 866.	1.2	2
6	Inverse gas chromatography in the examination of adhesion between tooth hard tissues and restorative dental materials. Scientific Reports, 2020, 10, 13476.	1.6	1
7	Enhancing the Mechanical Properties of Glass-Ionomer Dental Cements: A Review. Materials, 2020, 13, 2510.	1.3	66
8	WÅ‚aÅ›ciwoÅ›ci urzÄ…dzeÅ„ polimeryzacyjnych wykorzystywanych w stomatologii odtwÃ³rczej na podstawie przeglÄ…du piÅ›miennictwa. Dental Forum, 2018, 45, 97-100.	0.0	0
9	Strength tests of fiber-reinforced composite with ultra-high molecular weight polyethylene. Protetyka Stomatologiczna, 2018, 68, 293-301.	0.1	0
10	The effect of bonding system application on surface characteristics of bovine dentin and enamel. Materials Science and Engineering C, 2017, 76, 1224-1231.	3.8	5
11	Polyacid-modified composite resins (compomers). , 2016, , 69-85.		0
12	Clinical aspects of tooth repair. , 2016, , 1-20.		2
13	Materials for root canal filling. , 2016, , 197-219.		0
14	Materials for pulp capping. , 2016, , 177-196.		0
15	Composite resins. , 2016, , 37-67.		2
16	Classification of restorative materials and clinical indications. , 2016, , 21-36.		0
17	Resin-modified glass-ionomer cements. , 2016, , 137-159.		0
18	Modern glass-ionomer materials of enhanced properties. , 2016, , 161-175.		0

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19	Conventional glass-ionomer cements. , 2016, , 107-136.		4
20	Dental adhesives. , 2016, , 87-106.		1
21	The effect of petroleum jelly, light-cured varnish and different storage media on the flexural strength of glass ionomer dental cements. Acta Biomaterialia Odontologica Scandinavica, 2016, 2, 55-59.	4.0	8
22	An update on the use of MTA in endodontics. Dental Forum, 2016, 44, 53-58.	0.0	0
23	Surface energy of bovine dentin and enamel by means of inverse gas chromatography. Materials Science and Engineering C, 2015, 49, 382-389.	3.8	15
24	Heat transfer properties and thermal cure of glass-ionomer dental cements. Journal of Materials Science: Materials in Medicine, 2015, 26, 249.	1.7	28
25	Adhesion of resin-modified glass-ionomer cements may affect the integrity of tooth structure in the open sandwich technique. Dental Materials, 2014, 30, e301-e305.	1.6	8
26	Maturation affects fluoride uptake by glass-ionomer dental cements. Dental Materials, 2012, 28, e1-e5.	1.6	16
27	Effect of denture cleansers on chemical and mechanical behavior of selected soft lining materials. Dental Materials, 2011, 27, 281-290.	1.6	41
28	Review Paper: Role of Aluminum in Glass-ionomer Dental Cements and its Biological Effects. Journal of Biomaterials Applications, 2009, 24, 293-308.	1.2	56
29	Kinetic studies of water uptake and loss in glass-ionomer cements. Journal of Materials Science: Materials in Medicine, 2008, 19, 1723-1727.	1.7	17
30	The kinetics of water loss from zinc phosphate and zinc polycarboxylate dental cements. Journal of Materials Science: Materials in Medicine, 2008, 19, 1719-1722.	1.7	4
31	The biocompatibility of resin-modified glass-ionomer cements for dentistry. Dental Materials, 2008, 24, 1702-1708.	1.6	119
32	Fluoride in Dentistry and Dental Restoratives. , 2008, , 333-378.		6
33	Kinetic studies of the effect of varnish on water loss by glassâ€“ionomer cements. Dental Materials, 2007, 23, 1549-1552.	1.6	18
34	Shear bond strengths of glass-ionomer cements to sound and to prepared carious dentine. Journal of Materials Science: Materials in Medicine, 2007, 18, 845-849.	1.7	13
35	Ion release by endodontic grade glass-ionomer cement. Journal of Materials Science: Materials in Medicine, 2007, 18, 649-652.	1.7	13
36	Ion release by resin-modified glass-ionomer cements into water and lactic acid solutions. Journal of Dentistry, 2006, 34, 539-543.	1.7	56

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37	A preliminary study of the interaction of glass-ionomer dental cements with amino acids. Dental Materials, 2006, 22, 133-137.	1.6	5
38	The release of ions by compomers under neutral and acidic conditions. Journal of Oral Rehabilitation, 2004, 31, 665-670.	1.3	20
39	The interaction of lactic acidâ€“glass cements with aqueous solutions. Journal of Materials Science: Materials in Medicine, 2004, 15, 151-154.	1.7	3
40	Ion-release, dissolution and buffering by zinc phosphate dental cements. Journal of Materials Science: Materials in Medicine, 2003, 14, 601-604.	1.7	30
41	The interaction of glass-ionomer cements containing vinylphosphonic acid with water and aqueous lactic acid. Journal of Oral Rehabilitation, 2003, 30, 160-164.	1.3	4
42	Buffering and ion-release by a glass-ionomer cement under near-neutral and acidic conditions. Biomaterials, 2002, 23, 2783-2788.	5.7	90
43	A study of cements formed by aqueous lactic acid and aluminosilicate glass. Journal of Materials Science: Materials in Medicine, 2002, 13, 417-419.	1.7	12
44	The rate of change of pH of lactic acid exposed to glass-ionomer dental cements. Biomaterials, 2000, 21, 1989-1993.	5.7	47
45	A preliminary study of the effect of glass-ionomer and related dental cements on the pH of lactic acid storage solutions. Biomaterials, 1999, 20, 155-158.	5.7	48
46	The long-term interaction of dental cements with lactic acid solutions. Journal of Materials Science: Materials in Medicine, 1999, 10, 449-452.	1.7	26
47	Storage of polyacid-modified resin composites (â€œcompomersâ€) in lactic acid solution. Dental Materials, 1999, 15, 413-416.	1.6	40