Leena Hupa

List of Publications by Year
in descending order

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175	4,608	109321	133252
papers	citations	35 h-index	59 g-index

181	181	181	4076
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Preparation of Î³-Al2O3/Î±-Al2O3 ceramic foams as catalyst carriers via the replica technique. Catalysis Today, 2022, 383, 64-73.	4.4	19
2	In vitrodissolution of bioactive glass S53P4 microspheres. Journal of the American Ceramic Society, 2022, 105, 1658-1670.	3.8	8
3	High temperature slagging gasification of municipal solid waste with biomass charcoal as a greener auxiliary fuel. Journal of Hazardous Materials, 2022, 423, 127057.	12.4	24
4	Injectable thiol-ene hydrogel of galactoglucomannan and cellulose nanocrystals in delivery of therapeutic inorganic ions with embedded bioactive glass nanoparticles. Carbohydrate Polymers, 2022, 276, 118780.	10.2	20
5	Citral-to-Menthol Transformations in a Continuous Reactor over Ni/Mesoporous Aluminosilicate Extrudates Containing a Sepiolite Clay Binder. Organic Process Research and Development, 2022, 26, 387-403.	2.7	11
6	Thermal Analysis and Optimization of the Phase Diagram of the Cu-Ag Sulfide System. Energies, 2022, 15, 593.	3.1	1
7	Effect of local ion concentrations on the in vitro reactions of bioactive glass 45S5 particles. International Journal of Applied Glass Science, 2022, 13, 695-707.	2.0	6
8	Amino Acids Reduce Mild Steel Corrosion in Used Cooking Oils. Sustainability, 2022, 14, 3858.	3.2	0
9	Corrosion of Heat Transfer Materials by Potassium-Contaminated Ilmenite Bed Particles in Chemical-Looping Combustion of Biomass. Energies, 2022, 15, 2740.	3.1	5
10	Metal Rod Surfaces after Exposure to Used Cooking Oils. Sustainability, 2022, 14, 355.	3.2	1
11	In vitro dissolution and characterisation of flame-sprayed bioactive glass microspheres S53P4 and 13â€“93. Journal of Non-Crystalline Solids, 2022, 591, 121736.	3.1	7
12	Glass as a biomaterial: strategies for optimising bioactive glasses for clinical applications. Comptes Rendus - Geoscience, 2022, 354, 185-197.	1.2	2
13	Thermodynamic Examination of Quaternary Compounds in the Agâ€“Feâ€“(Ge, Sn)â€“Se Systems by the Solid-State EMF Method. Minerals, Metals and Materials Series, 2021, , 271-283.	0.4	1
14	The Equilibrium Phase Formation and Thermodynamic Properties of Functional Tellurides in the Agâ€“Feâ€“Geâ€“Te System. Energies, 2021, 14, 1314.	3.1	6
15	Deactivation and regeneration of Ptâ€modified zeolite Betaâ€“Bindzil extrudates in n â€hexane hydroisomerization. Journal of Chemical Technology and Biotechnology, 2021, 96, 1645-1655.	3.2	4
16	Behaviour of different bioactive glasses incorporated in polydimethylsiloxane endodontic sealer. Dental Materials, 2021, 37, 321-327.	3.5	9
17	Effect of bioactive glass airâ€abrasion on Fusobacterium nucleatum and Porphyromonas gingivalis biofilm formed on moderately rough titanium surface. European Journal of Oral Sciences, 2021, 129, e12783.	1.5	5
18	Influence of the replacement of silica by boron trioxide on the properties of bioactive glass scaffolds. International Journal of Applied Glass Science, 2021, 12, 293-312.	2.0	18

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19	Synthesis and Thermodynamic Investigation of Energy Materials in the Ag-Te-Cl System by the Solid-State Galvanic Cells. Jom, 2021, 73, 1487-1494.	1.9	3
20	Thermal Conversion Characteristics of Molasses. ACS Omega, 2021, 6, 21631-21645.	3.5	8
21	Spinning of Endless Bioactive Silicate Glass Fibres for Fibre Reinforcement Applications. Applied Sciences (Switzerland), 2021, 11, 7927.	2.5	3
22	Dissolution of Amorphous S53P4 Glass Scaffolds in Dynamic In Vitro Conditions. Materials, 2021, 14, 4834.	2.9	5
23	Structural and elemental characterization of glass and ceramic particles for bone surgery. Dental Materials, 2021, 37, 1350-1357.	3.5	9
24	Impact of boiler load and limestone addition on SO3 and corrosive cold-end deposits in a coal-fired CFB boiler. Fuel, 2021, 304, 121313.	6.4	12
25	Effect of Storage Time on the Physicochemical Properties of Waste Fish Oils and Used Cooking Vegetable Oils. Energies, 2021, 14, 101.	3.1	2
26	The physicochemical and catalytic properties of clay extrudates in cyclization of citronellal. Applied Catalysis A: General, 2021, , 118426.	4.3	11
27	In Vitro Dissolution of Na-Ca-P-Oxynitrides. Materials, 2021, 14, 7425.	2.9	2
28	Bioactive glass ions for in vitro osteogenesis and microvascularization in gellan gumâ€collagen hydrogels. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2020, 108, 1332-1342.	3.4	11
29	Application of bipolar electrochemistry to accelerate dew point corrosion for screening of steel materials for power boilers. Fuel, 2020, 265, 116886.	6.4	9
30	Detection of gaseous species during KClâ€induced highâ€temperature corrosion by the means of CPFAAS and Clâ€APiâ€TOF. Materials and Corrosion - Werkstoffe Und Korrosion, 2020, 71, 222-231.	1.5	3
31	Investigation of the K-Mg-Ca Sulfate System as Part of Monitoring Problematic Phase Formations in Renewable-Energy Power Plants. Energies, 2020, 13, 5366.	3.1	10
32	On-line microcolumn-based dynamic leaching method for investigation of lead bioaccessibility in shooting range soils. Chemosphere, 2020, 256, 127022.	8.2	18
33	Effect of bioactive glass airâ€abrasion on the wettability and osteoblast proliferation on sandblasted and acidâ€etched titanium surfaces. European Journal of Oral Sciences, 2020, 128, 160-169.	1.5	9
34	Agglomeration tendency of a fluidized bed during addition of different phosphate compounds. Fuel, 2020, 268, 117300.	6.4	12
35	The impact of wollastonite and dolomite on chemical durability of matte fast-fired raw glazes. Journal of the European Ceramic Society, 2020, 40, 3327-3337.	5.7	8
36	Bioactive Glass (BG) ICIE16 Shows Promising Osteogenic Properties Compared to Crystallized 45S5-BG. International Journal of Molecular Sciences, 2020, 21, 1639.	4.1	37

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37	Development of nano-porous hydroxyapatite coated e-glass for potential bone-tissue engineering application: An in vitro approach. Materials Science and Engineering C, 2020, 111, 110764.	7.3	10
38	A review of acellular immersion tests on bioactive glassesâ€“â€“influence of medium on ion release and apatite formation. International Journal of Applied Glass Science, 2020, 11, 537-551.	2.0	25
39	Potassium Ash Interactions with Oxygen Carriers Steel Converter Slag and Iron Mill Scale in Chemical-Looping Combustion of Biomassâ€"Experimental Evaluation Using Model Compounds. Energy & Fuels, 2020, 34, 2304-2314.	5.1	34
40	Fuel and thermal NO formation during black liquor droplet pyrolysis with envelope flame. Fuel, 2020, 271, 117512.	6.4	2
41	Understanding the Interaction of Potassium Salts with an Ilmenite Oxygen Carrier Under Dry and Wet Conditions. ACS Omega, 2020, 5, 22966-22977.	3.5	23
42	High-Temperature Oxidation of Bismuth- and Antimony-Based Sulfosalts. Mineral Processing and Extractive Metallurgy Review, 2019, 40, 67-78.	5.0	3
43	3D Scaffolds of Polycaprolactone/Copper-Doped Bioactive Glass: Architecture Engineering with Additive Manufacturing and Cellular Assessments in a Coculture of Bone Marrow Stem Cells and Endothelial Cells. ACS Biomaterials Science and Engineering, 2019, 5, 4496-4510.	5.2	25
44	Energy conversion of biomass char: Oxidation rates in mixtures of O2/CO2/H2O. Energy, 2019, 181, 615-624.	8.8	23
45	Effect of Binders on the Physicochemical and Catalytic Properties of Extrudate-Shaped Beta Zeolite Catalysts for Cyclization of Citronellal. Organic Process Research and Development, 2019, 23, 2456-2463.	2.7	28
46	Air Abrasion with Bioactive Glass Eradicates Streptococcus mutans Biofilm from a Sandblasted and Acid-Etched Titanium Surface. Journal of Oral Implantology, 2019, 45, 444-450.	1.0	5
47	Low Mg or Zn substitution for improved thermal properties of Bioglass 45S5. Materials Letters, 2019, 256, 126599.	2.6	11
48	Synthesis and Physicochemical Characterization of Shaped Catalysts of Î² and Y Zeolites for Cyclization of Citronellal. Industrial & Engineering Chemistry Research, 2019, 58, 18084-18096.	3.7	31
49	Hygroscopic Properties of Calcium Chloride and Its Role on Cold-End Corrosion in Biomass Combustion. Energy & Fuels, 2019, 33, 11913-11922.	5.1	20
50	Characterization of waste bio-oil as an alternate source of renewable fuel for marine engines. Biofuels, 2019, , 1-10.	2.4	6
51	Initial oxidation mechanisms of stainless steel Sanicro 28 (35Fe27Cr31Ni) exposed to KCl, NaCl, and K2CO3 under dry and humid conditions at 535â€‰Â°C. Corrosion Science, 2019, 155, 29-45.	6.6	16
52	Effect of the Preparation of Pt-Modified Zeolite Beta-Bentonite Extrudates on Their Catalytic Behavior in n-Hexane Hydroisomerization. Industrial & Engineering Chemistry Research, 2019, 58, 10875-10885.	3.7	38
53	Characterization of Vinasse for Thermochemical Conversionâ€"Fuel Fractionation, Release of Inorganics, and Ash-Melting Behavior. Energy & Fuels, 2019, 33, 5840-5848.	5.1	8
54	Impact of sodium salts on agglomeration in a laboratory fluidized bed. Fuel, 2019, 245, 305-315.	6.4	17

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55	Thermochemical Data of Selected Phases in the FeOxâ€“FeSO4â€“Fe2(SO4)3 System. Minerals, Metals and Materials Series, 2019, , 227-240.	0.4	0
56	Pre-oxidation as a Means to Increase Corrosion Resistance of Commercial Superheater Steels. Oxidation of Metals, 2019, 91, 311-326.	2.1	4
57	Melting behaviour of raw glazes. Journal of the European Ceramic Society, 2019, 39, 4404-4416.	5.7	12
58	Glass ionomer bone cements based on magnesium-containing bioactive glasses. Biomedical Glasses, 2019, 5, 1-12.	2.4	1
59	Thermal Stability and Thermodynamics of the Ag2ZnGeS4 Compound. Minerals, Metals and Materials Series, 2019, , 215-226.	0.4	2
60	Bioactive glass ions induce efficient osteogenic differentiation of human adipose stem cells encapsulated in gellan gum and collagen type I hydrogels. Materials Science and Engineering C, 2019, 99, 905-918.	7.3	38
61	Bioactivity and dissolution behavior of boron-containing bioactive glasses under static and dynamic conditions in different media. Biomedical Glasses, 2019, 5, 124-139.	2.4	33
62	Factors Affecting the Corrosive Behavior of Used Cooking Oils and a Non-Edible Fish Oil That Are in Contact with Ferrous Metals. Energies, 2019, 12, 4812.	3.1	6
63	Three Megapixel Ultrasonic Microscope Imaging. , 2019, , .		7
64	Synthesis of menthol from citronellal over supported Ru- and Pt-catalysts in continuous flow. Reaction Chemistry and Engineering, 2019, 4, 2156-2169.	3.7	18
65	Bone morphogenic protein expression and bone formation are induced by bioactive glass S53P4 scaffolds in vivo. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2019, 107, 847-857.	3.4	17
66	Fast Pyrolysis of Dried Sugar Cane Vinasse at 400 and 500 Â°C: Product Distribution and Yield. Energy & Fuels, 2019, 33, 1236-1247.	5.1	14
67	S53P4 Bioactive Glass Inorganic Ions for Vascularized Bone Tissue Engineering by Dental Pulp Pluripotent-Like Stem Cell Cocultures. Tissue Engineering - Part A, 2019, 25, 1213-1224.	3.1	7
68	Bioactive Glasses. Springer Handbooks, 2019, , 813-849.	0.6	2
69	Antibacterial properties of bioactive glass particle abraded titanium against Streptococcus mutans. Biomedical Physics and Engineering Express, 2018, 4, 045002.	1.2	11
70	Thermodynamic Properties of Magnetic Semiconductors Ag2FeSn3S8 and Ag2FeSnS4 Determined by the EMF Method. Minerals, Metals and Materials Series, 2018, , 87-98.	0.4	3
71	The K2SO4â€“CaSO4 System and Its Role in Fouling and Slagging During High-Temperature Processes. Minerals, Metals and Materials Series, 2018, , 133-142.	0.4	0
72	Defluidization of the oxygen carrier ilmenite â€“ Laboratory experiments with potassium salts. Energy, 2018, 148, 930-940.	8.8	38

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73	Bioactive dental materialsâ€"Do they exist and what does bioactivity mean?. Dental Materials, 2018, 34, 693-694.	3.5	126
74	The Effect of Temperature on the Formation of Oxide Scales Regarding Commercial Superheater Steels. Oxidation of Metals, 2018, 89, 251-278.	2.1	8
75	Ash melting behaviour of wheat straw blends with wood and reed. Renewable Energy, 2018, 124, 11-20.	8.9	37
76	Determination of the thermodynamic properties of the Ag2CdSn3S8 and Ag2CdSnS4 phases in the Agâ€"Cdâ€"Snâ€"S system by the solid-state electrochemical cell method. Journal of Chemical Thermodynamics, 2018, 118, 255-262.	2.0	16
77	Dissolution of borate and borosilicate bioactive glasses and the influence of ion (Zn, Cu) doping in different solutions. Journal of Non-Crystalline Solids, 2018, 502, 22-34.	3.1	56
78	Interaction of High Al₂O₃ Refractories with Alkaline Salts Containing Potassium and Sodium in Biomass and Waste Combustion. Energy & Fuels, 2018, 32, 12971-12980.	5.1	14
79	Dissolution and mineralization characterization of bioactive glass ceramic containing endodontic sealer Guttaflow Bioseal. Dental Materials Journal, 2018, 37, 988-994.	1.8	24
80	Experimental investigation and thermodynamic re-assessment of the ternary copper-nickel-lead system. Calphad: Computer Coupling of Phase Diagrams and Thermochemistry, 2018, 61, 148-156.	1.6	1
81	Phase Equilibria and Thermodynamics of Selected Compounds in the Agâ€"Feâ€"Snâ€"S System. Journal of Electronic Materials, 2018, 47, 5433-5442.	2.2	9
82	A process for producing lignin and volatile compounds from hydrolysis liquor. Biotechnology for Biofuels, 2017, 10, 47.	6.2	14
83	Do properties of bioactive glasses exhibit mixed alkali behavior?. Journal of Materials Science, 2017, 52, 8986-8997.	3.7	14
84	Effect of partial crystallization on the structural and Er 3+ luminescence properties of phosphate-based glasses. Optical Materials, 2017, 64, 230-238.	3.6	5
85	High-Temperature Corrosion of Refractory Materials in Biomass and Waste Combustion: Method Development and Tests with Alumina Refractory Exposed to a K₂CO₃â€"KCl Mixture. Energy & Fuels, 2017, 31, 10046-10054.	5.1	12
86	Improving urban mining practices for optimal recovery of resources from e-waste. Minerals Engineering, 2017, 111, 209-221.	4.3	101
87	Dissolution of Bioactive Glasses in Acidic Solutions with the Focus on Lactic Acid. International Journal of Applied Glass Science, 2016, 7, 154-163.	2.0	22
88	Compression properties and dissolution of bioactive glass S53P4 and n-butyl-2 cyanoacrylate tissue adhesive-composite. Bio-Medical Materials and Engineering, 2016, 27, 425-436.	0.6	1
89	Sodium-free mixed alkali bioactive glasses. Biomedical Glasses, 2016, 2, .	2.4	14
90	The effect of fibrin sealant on bioactive glass S53P4 particles â€" pH impact and dissolution characteristics inÂvitro. Journal of Science: Advanced Materials and Devices, 2016, 1, 482-487.	3.1	5

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91	Biocomposites of copper-containing mesoporous bioactive glass and nanofibrillated cellulose: Biocompatibility and angiogenic promotion in chronic wound healing application. Acta Biomaterialia, 2016, 46, 286-298.	8.3	151
92	Bioglass and Bioactive Glasses and Their Impact on Healthcare. International Journal of Applied Glass Science, 2016, 7, 423-434.	2.0	226
93	Ion Release, Hydroxyapatite Conversion, and Cytotoxicity of Boronâ€Containing Bioactive Glass Scaffolds. International Journal of Applied Glass Science, 2016, 7, 206-215.	2.0	48
94	Porous SiO2 nanofiber grafted novel bioactive glassâ€“ceramic coating: A structural scaffold for uniform apatite precipitation and oriented cell proliferation on inert implant. Materials Science and Engineering C, 2016, 62, 206-214.	7.3	25
95	Controlling the ion release from mixed alkali bioactive glasses by varying modifier ionic radii and molar volume. Journal of Materials Chemistry B, 2016, 4, 3121-3134.	5.8	79
96	Effect of the glass melting condition on the processing of phosphate-based glassâ€“ceramics with persistent luminescence properties. Optical Materials, 2016, 52, 56-61.	3.6	12
97	A glass fiber-reinforced composite â€“ bioactive glass cranioplasty implant: A case study of an early development stage implant removed due to a late infection. Journal of the Mechanical Behavior of Biomedical Materials, 2016, 55, 191-200.	3.1	39
98	Dissolution behavior of the bioactive glass S53P4 when sodium is replaced by potassium, and calcium with magnesium or strontium. Journal of Non-Crystalline Solids, 2016, 432, 41-46.	3.1	32
99	Influence of zinc and magnesium substitution on ion release from Bioglass 45S5 at physiological and acidic pH. Biomedical Glasses, 2015, 1, .	2.4	19
100	Er3+â€“Al2O3 nanoparticles doping of borosilicate glass. Bulletin of Materials Science, 2015, 38, 1407-1410.	1.7	8
101	Hierarchically Designed Bioactive Glassy Nanocoatings for the Growth of Faster and Uniformly Dense Apatite. Journal of the American Ceramic Society, 2015, 98, 2428-2437.	3.8	8
102	Processing and characterization of novel borophosphate glasses and fibers for medical applications. Journal of Non-Crystalline Solids, 2015, 425, 52-60.	3.1	45
103	Fiber glassâ€“bioactive glass composite for bone replacing and bone anchoring implants. Dental Materials, 2015, 31, 371-381.	3.5	79
104	Processing and characterization of phosphate glasses containing CaAl2O4:Eu2+,Nd3+ and SrAl2O4:Eu2+,Dy3+ microparticles. Journal of the European Ceramic Society, 2015, 35, 3863-3871.	5.7	28
105	Erbium-doped borosilicate glasses containing various amounts of P2O5 and Al2O3: Influence of the silica content on the structure and thermal, physical, optical and luminescence properties. Materials Research Bulletin, 2015, 70, 47-54.	5.2	6
106	Bioactive glass ions as strong enhancers of osteogenic differentiation in human adipose stem cells. Acta Biomaterialia, 2015, 21, 190-203.	8.3	76
107	Impact of gastric acidic challenge on surface topography and optical properties of monolithic zirconia. Dental Materials, 2015, 31, 1445-1452.	3.5	45
108	Influence of P2O5 and Al2O3 content on the structure of erbium-doped borosilicate glasses and on their physical, thermal, optical and luminescence properties. Materials Research Bulletin, 2015, 63, 41-50.	5.2	18

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109	New alternative route for the preparation of phosphate glasses with persistent luminescence properties. Journal of the European Ceramic Society, 2015, 35, 1255-1261.	5.7	25
110	Phosphate-based glass fiber vs. bulk glass: Change in fiber optical response to probe in vitro glass reactivity. Materials Science and Engineering C, 2014, 37, 251-257.	7.3	27
111	In vitro blood and fibroblast responses to BisGMAâ€“TEGDMA/bioactive glass composite implants. Journal of Materials Science: Materials in Medicine, 2014, 25, 151-162.	3.6	11
112	Influence of SrO substitution for CaO on the properties of bioactive glass S53P4. Journal of Materials Science: Materials in Medicine, 2014, 25, 657-668.	3.6	71
113	Effect of partial crystallization on the thermal, optical, structural and Er3+ luminescence properties of silicate glasses. Materials Chemistry and Physics, 2014, 147, 1099-1109.	4.0	9
114	Thermal and structural characterization of erbium-doped borosilicate fibers with low silica content containing various amounts of P2O5 and Al2O3. Optical Materials, 2014, 37, 87-92.	3.6	4
115	Effect of CeO2 doping on thermal, optical, structural and in vitro properties of a phosphate based bioactive glass. Journal of Non-Crystalline Solids, 2014, 402, 28-35.	3.1	16
116	Thermal properties and surface reactivity in simulated body fluid of new strontium ion-containing phosphate glasses. Journal of Materials Science: Materials in Medicine, 2013, 24, 1407-1416.	3.6	39
117	Examining porous bio-active glass as a potential osteo-odonto-keratoprosthetic skirt material. Journal of Materials Science: Materials in Medicine, 2013, 24, 1217-1227.	3.6	24
118	Dissolution patterns of biocompatible glasses in 2-amino-2-hydroxymethyl-propane-1,3-diol (Tris) buffer. Acta Biomaterialia, 2013, 9, 5400-5410.	8.3	62
119	Effect of the glass composition on the chemical durability of zinc-phosphate-based glasses in aqueous solutions. Journal of Physics and Chemistry of Solids, 2013, 74, 121-127.	4.0	35
120	Multi-layer porous fiber-reinforced composites for implants: In vitro calcium phosphate formation in the presence of bioactive glass. Dental Materials, 2012, 28, 1134-1145.	3.5	38
121	Tâ€“Tâ€“T behaviour of bioactive glasses 1â€“98 and 13â€“93. Journal of the European Ceramic Society, 2012, 32, 2731-2738.	5.7	39
122	Influence of the partial substitution of CaO with MgO on the thermal properties and in vitro reactivity of the bioactive glass S53P4. Journal of Non-Crystalline Solids, 2012, 358, 2701-2707.	3.1	59
123	In vitro behaviour of three biocompatible glasses in composite implants. Journal of Materials Science: Materials in Medicine, 2012, 23, 2425-2435.	3.6	18
124	Copper-releasing, boron-containing bioactive glass-based scaffolds coated with alginate for bone tissue engineering. Acta Biomaterialia, 2012, 8, 792-801.	8.3	117
125	Phase composition and in vitro bioactivity of porous implants made of bioactive glass S53P4. Acta Biomaterialia, 2012, 8, 2331-2339.	8.3	46
126	Crystallization Mechanism of the Bioactive Glasses, 45S5 and S53P4. Journal of the American Ceramic Society, 2012, 95, 607-613.	3.8	119

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127	<scp>Inâ€vitro</scp> Degradation and Bioactivity of Tailored Amorphous Multi Porous Scaffold Structure. Journal of the American Ceramic Society, 2012, 95, 2687-2694.	3.8	18
128	Dissolution Kinetics of a Bioactive Glass by Continuous Measurement. Journal of the American Ceramic Society, 2012, 95, 3130-3137.	3.8	39
129	Surface reactions of bioactive glasses in buffered solutions. Journal of the European Ceramic Society, 2012, 32, 2757-2763.	5.7	69
130	Tailoring of Bioactive Glasses. , 2012, , 43-58.		0
131	Comparison of self-cleaning properties of three titania coatings on float glass. Applied Surface Science, 2011, 258, 1126-1131.	6.1	44
132	Control of the thermal properties of slow bioresorbable glasses by boron addition. Journal of Non-Crystalline Solids, 2011, 357, 3623-3630.	3.1	30
133	Effect of Mechanical and Chemical Wear on Soil Attachment and Cleanability of Sanitary Ware with Additional Coatings. Journal of the American Ceramic Society, 2011, 94, 951-958.	3.8	13
134	Bioactive composite for keratoprosthesis skirt. Journal of the Mechanical Behavior of Biomedical Materials, 2011, 4, 1700-1708.	3.1	22
135	Antibacterial effects and dissolution behavior of six bioactive glasses. Journal of Biomedical Materials Research - Part A, 2010, 93A, 475-483.	4.0	153
136	Corrosion of the crystalline phases of matte glazes in aqueous solutions. Journal of the European Ceramic Society, 2009, 29, 7-14.	5.7	29
137	Chemical resistance and cleaning properties of coated glazed surfaces. Journal of the European Ceramic Society, 2009, 29, 1855-1860.	5.7	34
138	Effect of soaking time on phase composition and topography and surface microstructure in vitrocrystalline whiteware glazes. Journal of the European Ceramic Society, 2009, 29, 2153-2161.	5.7	26
139	Antibacterial effect of bioactive glasses on clinically important anaerobic bacteria inÂvitro. Journal of Materials Science: Materials in Medicine, 2008, 19, 547-551.	3.6	169
140	Bactericidal effects of bioactive glasses on clinically important aerobic bacteria. Journal of Materials Science: Materials in Medicine, 2008, 19, 27-32.	3.6	217
141	Topographic characterization of glazed surfaces. Applied Surface Science, 2008, 254, 1622-1629.	6.1	16
142	Mechanical verification of soft-tissue attachment on bioactive glasses and titanium implants. Acta Biomaterialia, 2008, 4, 1118-1122.	8.3	31
143	In situ pH within particle beds of bioactive glasses. Acta Biomaterialia, 2008, 4, 1498-1505.	8.3	84
144	Influence of fluid circulation on in vitro reactivity of bioactive glass particles. Materials Chemistry and Physics, 2008, 111, 497-502.	4.0	36

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145	Influence of heat treatment on crystallization of bioactive glasses. Journal of Non-Crystalline Solids, 2008, 354, 722-728.	3.1	55
146	Thirty-five years of guided tissue engineering. Journal of Non-Crystalline Solids, 2008, 354, 717-721.	3.1	10
147	Continuous Measurement of the Dissolution Rate of Ions from Glasses. Advanced Materials Research, 2008, 39-40, 341-346.	0.3	12
148	Factors Controlling Antibacterial Properties of Bioactive Glasses. Key Engineering Materials, 2007, 330-332, 173-176.	0.4	21
149	In Vitro Behavior of Fiber Bundles and Particles of Bioactive Glasses. Key Engineering Materials, 2007, 361-363, 225-228.	0.4	4
150	Microstructure and cleanability of uncoated and fluoropolymer, zirconia and titania coated ceramic glazed surfaces. Journal of the European Ceramic Society, 2007, 27, 101-108.	5.7	46
151	Influence of firing parameters on phase composition of raw glazes. Journal of the European Ceramic Society, 2007, 27, 1671-1675.	5.7	41
152	Soil-resistant surfaces for traditional ceramics. Journal of the European Ceramic Society, 2007, 27, 1775-1780.	5.7	17
153	Effect of coating on cleanability of glazed surfaces. Journal of the European Ceramic Society, 2007, 27, 4555-4560.	5.7	31
154	Effects of UV-radiation on the cleanability of titanium dioxide-coated glazed ceramic tiles. Journal of the European Ceramic Society, 2007, 27, 4569-4574.	5.7	27
155	Factors affecting crystallization of bioactive glasses. Journal of the European Ceramic Society, 2007, 27, 1543-1546.	5.7	71
156	Chemical durability of glazed surfaces. Journal of the European Ceramic Society, 2007, 27, 1811-1816.	5.7	35
157	Melting Behaviour and Surface Structure of Glazes Containing Wollastonite and Dolomite. Advances in Science and Technology, 2006, 45, 590-595.	0.2	1
158	Corrosion of Glazes Coated with Functional Films in Detergent Solutions. Advances in Science and Technology, 2006, 45, 156-161.	0.2	7
159	In Vitro Reactivity of Bioactive Glass Fibers. Advances in Science and Technology, 2006, 49, 246.	0.2	13
160	Chemical resistance and cleanability of glazed surfaces. Surface Science, 2005, 584, 113-118.	1.9	54
161	Bioactive Glass Compositions Suitable for Repeated Heat-Treatments. Key Engineering Materials, 2005, 284-286, 925-928.	0.4	7
162	In Vitro Characterization of Bioactive Glasses. Key Engineering Materials, 2005, 284-286, 481-484.	0.4	4

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163	Porous Bioactive Glasses with Controlled Mechanical Strength. Key Engineering Materials, 2004, 254-256, 973-976.	0.4	6
164	Measuring the Devitrification of Bioactive Glasses. Key Engineering Materials, 2004, 254-256, 67-70.	0.4	13
165	Durability of Mat Glazes in Hydrochloric Acid Solution. Key Engineering Materials, 2004, 264-268, 1565-1568.	0.4	11
166	Liquidus Temperatures of Bioactive Glasses. Advanced Materials Research, 0, 39-40, 287-292.	0.3	12
167	Laboratory Study of Corrosion of an Alumina Refractory by Molten Potassium Salts. Advances in Science and Technology, 0, , .	0.2	3
168	Easy-to-Clean Coatings on Glass and Glazed Surfaces. Advances in Science and Technology, 0, , .	0.2	3
169	The Fast Silver Ion Conducting Solid-State Electrolytes for Deriving Thermodynamic Data. , 0, , .		1
170	Chapter 1. Melt-derived Bioactive Silicate Glasses. RSC Smart Materials, 0, , 1-26.	0.1	8
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