

Enrico Bernardo

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

186
papers

4,365
citations

40
h-index

56
g-index

194
ext. papers

5,009
ext. citations

4.3
avg, IF

5.91
L-index

#	Paper	IF	Citations
186	Additive manufacturing and direct synthesis of sphene ceramic scaffolds from a silicone resin and reactive fillers. <i>Journal of the European Ceramic Society</i> , 2022 , 42, 286-295	6	1
185	High-Temperature Behavior of CaO-FeOx-Al ₂ O ₃ -SiO ₂ -Rich Alkali Activated Materials. <i>Applied Sciences (Switzerland)</i> , 2022 , 12, 2572	2.6	0
184	Additive manufacturing of CaMg silicate scaffolds supported by flame-synthesized glass microspheres. <i>Ceramics International</i> , 2022 , 48, 9107-9113	5.1	0
183	Upcycling of Pharmaceutical Glass into Highly Porous Ceramics: From Foams to Membranes. <i>Materials</i> , 2022 , 15, 3784	3.5	
182	Recyclable Porous Glass-Ceramics from the Smelting of MSWI Bottom Ash. <i>Ceramics</i> , 2021 , 4, 1-11	1.7	1
181	Enabling Circular Economy: The Overlooked Role of Inorganic Materials Chemistry. <i>Chemistry - A European Journal</i> , 2021 , 27, 6676-6695	4.8	2
180	Biosilicate□ Glass-Ceramic Foams From Refined Alkali Activation and Gel Casting. <i>Frontiers in Materials</i> , 2021 , 7,	4	4
179	Alkali-free processing of advanced open-celled sinter-crystallized glass-ceramics. <i>International Journal of Applied Glass Science</i> , 2021 , 12, 531-540	1.8	0
178	International Journal of Applied Glass Science: Special Issue Editorial. <i>International Journal of Applied Glass Science</i> , 2021 , 12, 459-461	1.8	
177	Production of Porous Ceramic Materials from Spent Fluorescent Lamps. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 6056	2.6	2
176	Bermanite glass microspheres: Preparation and perspectives of sinter-crystallization. <i>International Journal of Applied Glass Science</i> , 2021 , 12, 551-561	1.8	0
175	Low-alkali borosilicate glass microspheres from waste cullet prepared by flame synthesis. <i>International Journal of Applied Glass Science</i> , 2021 , 12, 562-569	1.8	0
174	New glass-based binders from engineered mixtures of inorganic waste. <i>International Journal of Applied Glass Science</i> , 2021 , 12, 570-580	1.8	0
173	Up-cycling of □nonrecyclable□ glasses in glass-based foams by weak alkali-activation, gel casting and low-temperature sintering. <i>Journal of Cleaner Production</i> , 2021 , 278, 123985	10.3	8
172	Suitability of Biosilicate□ glass-ceramic powder for additive manufacturing of highly porous scaffolds. <i>Ceramics International</i> , 2021 , 47, 8200-8207	5.1	7
171	Porous glass-ceramics made from microwave vitrified municipal solid waste incinerator bottom ash. <i>Construction and Building Materials</i> , 2021 , 270, 121452	6.7	5
170	Glass and Glass-Ceramic Matrix Composites for Advanced Applications: Part I: Properties and Manufacturing Technologies 2021 , 277-287		

169	Glass and Glass-Ceramic Matrix Composites for Advanced Applications: Part II: Applications 2021 , 288-303		
168	Biofunctionalization of bioactive ceramic scaffolds to increase the cell response for bone regeneration. <i>Biomedical Materials (Bristol)</i> , 2021 , 16,	3.5	2
167	Up-Cycling of LCD Glass by Additive Manufacturing of Porous Translucent Glass Scaffolds. <i>Materials</i> , 2021 , 14,	3.5	3
166	Polymer-Derived Biosilicate-like Glass-Ceramics: Engineering of Formulations and Additive Manufacturing of Three-Dimensional Scaffolds. <i>Materials</i> , 2021 , 14,	3.5	1
165	Polymer-derived Biosilicate-C composite foams: Phase development and photothermal effect. <i>Journal of the European Ceramic Society</i> , 2021 , 41, 380-380	6	1
164	Glass Reactive Sintering 2021 , 728-745		0
163	Osteogenic Properties of 3D-Printed Silica-Carbon-Calcite Composite Scaffolds: Novel Approach for Personalized Bone Tissue Regeneration. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	3
162	Up-Cycling of Iron-Rich Inorganic Waste in Functional Glass-Ceramics. <i>Minerals (Basel, Switzerland)</i> , 2020 , 10, 959	2.4	1
161	Highly porous cordierite ceramics from engineered basic activation of metakaolin/talc aqueous suspensions. <i>Journal of the European Ceramic Society</i> , 2020 , 40, 6254-6258	6	4
160	Transverse piezoelectric constant of aluminium nitride films deposited on aluminium substrate by reactive magnetron sputtering. <i>International Journal of Applied Electromagnetics and Mechanics</i> , 2020 , 64, 607-613	0.4	0
159	Novel bioceramics from digital light processing of calcite/acrylate blends and low temperature pyrolysis. <i>Ceramics International</i> , 2020 , 46, 17140-17145	5.1	3
158	Waste-derived glass-ceramics fired in nitrogen: Stabilization and functionalization. <i>Construction and Building Materials</i> , 2020 , 232, 117265	6.7	4
157	Glass-ceramic foams and reticulated scaffolds by sinter-crystallization of a hardystonite glass. <i>Journal of Non-Crystalline Solids</i> , 2020 , 528, 119744	3.9	2
156	Engineering of silicone-based mixtures for the digital light processing of Bermanite scaffolds. <i>Journal of the European Ceramic Society</i> , 2020 , 40, 2566-2572	6	7
155	Glass powders and reactive silicone binder: Application to digital light processing of bioactive glass-ceramic scaffolds. <i>Ceramics International</i> , 2020 , 46, 25299-25305	5.1	4
154	Case studies of up-cycling of partially crystallized ceramic waste in highly porous glass-ceramics. <i>Construction and Building Materials</i> , 2020 , 261, 119971	6.7	6
153	Glass-Ceramic Foams from Alkali-Activated Vitriified Bottom Ash and Waste Glasses. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 5714	2.6	3
152	Dense glass-ceramics by fast sinter-crystallization of mixtures of waste-derived glasses. <i>International Journal of Applied Ceramic Technology</i> , 2020 , 17, 55-63	2	6

151	Porous bioactive glass microspheres prepared by flame synthesis process. <i>Materials Letters</i> , 2019 , 256, 126625	3.3	9
150	Hierarchically porous 3D-printed akermanite scaffolds from silicones and engineered fillers. <i>Journal of the European Ceramic Society</i> , 2019 , 39, 4445-4449	6	16
149	Glass-Ceramic Foams from 'Weak Alkali Activation' and Gel-Casting of Waste Glass/Fly Ash Mixtures. <i>Materials</i> , 2019 , 12,	3.5	7
148	Low temperature upcycling of vitreous byproduct of the MSW plasma processing into multifunctional porous glass-ceramics. <i>Advances in Applied Ceramics</i> , 2019 , 118, 366-371	2.3	4
147	Glass powders and reactive silicone binder: Interactions and application to additive manufacturing of bioactive glass-ceramic scaffolds. <i>Ceramics International</i> , 2019 , 45, 13740-13746	5.1	9
146	Comparative Analysis of Wollastonite-Diopside Glass-Ceramic Structures Fabricated via Stereo-Lithography. <i>Advanced Engineering Materials</i> , 2019 , 21, 1801160	3.5	12
145	Shear Performance at Room and High Temperatures of Glass?Ceramic Sealants for Solid Oxide Electrolysis Cell Technology. <i>Materials</i> , 2019 , 12,	3.5	13
144	Biosilicate□ scaffolds produced by 3D-printing and direct foaming using preceramic polymers. <i>Journal of the American Ceramic Society</i> , 2019 , 102, 1010-1020	3.8	18
143	STRONG POROUS GLASS-CERAMICS FROM ALKALI ACTIVATION AND SINTER-CRYSTALLIZATION OF VITRIFIED MSWI BOTTOM ASH. <i>Detritus</i> , 2019 , Volume 08 - December 2019, 1	0.9	3
142	ENHANCED LANDFILL MINING, THE MISSING LINK TO A CIRCULAR ECONOMY 2.0?. <i>Detritus</i> , 2019 , Volume 08 - December 2019, 1	0.9	0
141	Advanced Open-Celled Structures from Low-Temperature Sintering of a Crystallization-Resistant Bioactive Glass. <i>Materials</i> , 2019 , 12,	3.5	8
140	Highly Porous Polymer-Derived Bioceramics Based on a Complex Hardystonite Solid Solution. <i>Materials</i> , 2019 , 12,	3.5	6
139	Waste-to-resource preparation of glass-containing foams from geopolymers. <i>Ceramics International</i> , 2019 , 45, 7196-7202	5.1	51
138	Highly Porous Sr/Mg-Doped Hardystonite Bioceramics from Preceramic Polymers and Reactive Fillers: Direct Foaming and Direct Ink Writing. <i>Advanced Engineering Materials</i> , 2019 , 21, 1800900	3.5	13
137	Preparation and properties of biomorphic potassium-based geopolymer (KGP)-biocarbon (CB) composite. <i>Ceramics International</i> , 2018 , 44, 12957-12964	5.1	7
136	Porous glass-ceramics from alkali activation and sinter-crystallization of mixtures of waste glass and residues from plasma processing of municipal solid waste. <i>Journal of Cleaner Production</i> , 2018 , 188, 871-878	10.3	54
135	Novel geopolymers incorporating red mud and waste glass cullet. <i>Materials Letters</i> , 2018 , 219, 152-154	3.3	20
134	Glass-ceramic proppants from sinter-crystallisation of waste-derived glasses. <i>Advances in Applied Ceramics</i> , 2018 , 117, 127-132	2.3	1

133	Functional glass-ceramic foams from inorganic gel casting and sintering of glass/slag mixtures. <i>Journal of Cleaner Production</i> , 2018 , 187, 250-256	10.3	41
132	Wollastonite-diopside-carbon composite foams from a silicone resin and inorganic fillers. <i>Ceramics International</i> , 2018 , 44, 931-937	5.1	9
131	Direct ink writing of silica-carbon-calcite composite scaffolds from a silicone resin and fillers. <i>Journal of the European Ceramic Society</i> , 2018 , 38, 5200-5207	6	11
130	Bioactive Glass-Ceramic Foam Scaffolds from 'Inorganic Gel Casting' and Sinter-Crystallization. <i>Materials</i> , 2018 , 11,	3.5	11
129	Digital light processing of wollastonite-diopside glass-ceramic complex structures. <i>Journal of the European Ceramic Society</i> , 2018 , 38, 4580-4584	6	38
128	Highly porous mullite ceramics from engineered alkali activated suspensions. <i>Journal of the American Ceramic Society</i> , 2018 , 101, 1036-1041	3.8	18
127	Extension of the 'Inorganic Gel Casting' Process to the Manufacturing of Boro-Alumino-Silicate Glass Foams. <i>Materials</i> , 2018 , 11,	3.5	5
126	Mechanical Performance of Glass-Based Geopolymer Matrix Composites Reinforced with Cellulose Fibers. <i>Materials</i> , 2018 , 11,	3.5	5
125	Extensive reuse of soda-lime waste glass in fly ash-based geopolymers. <i>Construction and Building Materials</i> , 2018 , 188, 1077-1084	6.7	50
124	Up-cycling of vitrified bottom ash from MSWI into glass-ceramic foams by means of inorganic gel casting and sinter-crystallization. <i>Construction and Building Materials</i> , 2018 , 192, 133-140	6.7	29
123	Novel glass-ceramic SOFC sealants from glass powders and a reactive silicone binder. <i>Journal of the European Ceramic Society</i> , 2018 , 38, 4245-4251	6	26
122	Bioactive glass-ceramic scaffolds by additive manufacturing and sinter-crystallization of fine glass powders. <i>Journal of Materials Research</i> , 2018 , 33, 1960-1971	2.5	14
121	Novel inorganic gel casting process for the manufacturing of glass foams. <i>Journal of the European Ceramic Society</i> , 2017 , 37, 2227-2234	6	52
120	Direct ink writing of silica-bonded calcite scaffolds from preceramic polymers and fillers. <i>Biofabrication</i> , 2017 , 9, 025012	10.5	20
119	Proving the role of boron in the structure of fly-ash/borosilicate glass based geopolymers. <i>Materials Letters</i> , 2017 , 200, 105-108	3.3	18
118	Direct ink writing of wollastonite-diopside glass-ceramic scaffolds from a silicone resin and engineered fillers. <i>Journal of the European Ceramic Society</i> , 2017 , 37, 4187-4195	6	45
117	Biocompatibility and bioactivity of porous polymer-derived Ca-Mg silicate ceramics. <i>Acta Biomaterialia</i> , 2017 , 50, 56-67	10.8	33
116	B-doped hardystonite bioceramics from preceramic polymers and fillers: Synthesis and application to foams and 3D-printed scaffolds. <i>Journal of the European Ceramic Society</i> , 2017 , 37, 1757-1767	6	16

115	White sintered glass-ceramic tiles with improved thermal insulation properties for building applications. <i>Journal of the European Ceramic Society</i> , 2017 , 37, 1117-1125	6	12
114	Bioactive Glass-Ceramic Scaffolds from Novel 'Inorganic Gel Casting' and Sinter-Crystallization. <i>Materials</i> , 2017 , 10,	3.5	28
113	The In Vitro Bioactivity, Degradation, and Cytotoxicity of Polymer-Derived Wollastonite-Diopside Glass-Ceramics. <i>Materials</i> , 2017 , 10,	3.5	15
112	Vitrification of Waste and Reuse of Waste-Derived Glass 2017 , 1-34		0
111	Glass-ceramic sealant for solid oxide fuel cells application: Characterization and performance in dual atmosphere. <i>Journal of Power Sources</i> , 2016 , 328, 262-270	8.9	41
110	Recycling of inorganic waste in monolithic and cellular glass-based materials for structural and functional applications. <i>Journal of Chemical Technology and Biotechnology</i> , 2016 , 91, 1946-1961	3.5	36
109	The Synthesis of Luminescent Glass-Ceramic Materials Activated with Europium Ions Using Silicon-Organic Compounds (Silicones). <i>Glass and Ceramics (English Translation of Steklo I Keramika)</i> , 2016 , 73, 124-127	0.6	1
108	Porous, Sintered Glass-Ceramics from Inorganic Polymers Based on Fayalite Slag. <i>Journal of the American Ceramic Society</i> , 2016 , 99, 1985-1991	3.8	17
107	Hardystonite bioceramics from preceramic polymers. <i>Journal of the European Ceramic Society</i> , 2016 , 36, 829-835	6	21
106	Shielding effectiveness of construction materials. <i>International Journal of Applied Electromagnetics and Mechanics</i> , 2016 , 52, 137-144	0.4	4
105	Direct Ink Writing of a Preceramic Polymer and Fillers to Produce Hardystonite (Ca ₂ ZnSi ₂ O ₇) Bioceramic Scaffolds. <i>Journal of the American Ceramic Society</i> , 2016 , 99, 1960-1967	3.8	61
104	Double-layer waste-derived glass-ceramics prepared by low temperature sintering/sinter-crystallisation. <i>Advances in Applied Ceramics</i> , 2016 , 115, 427-434	2.3	2
103	Silica-bonded apatite scaffolds from calcite-filled preceramic polymers. <i>Journal of the European Ceramic Society</i> , 2016 , 36, 3211-3218	6	13
102	Highly porous polymer-derived wollastonite-hydroxycarbonate apatite ceramics for bone regeneration. <i>Biomedical Materials (Bristol)</i> , 2016 , 11, 025016	3.5	7
101	Wollastonite-diopside glass-ceramic foams from supercritical carbon dioxide-assisted extrusion of a silicone resin and inorganic fillers. <i>Journal of Non-Crystalline Solids</i> , 2016 , 443, 33-38	3.9	8
100	Facile obtainment of luminescent glass-ceramics by direct firing of a preceramic polymer and oxide fillers. <i>Ceramics International</i> , 2016 , 42, 6770-6774	5.1	1
99	Yttrium silicate and oxonitridosilicate luminescent materials from a silicone resin and nano-sized fillers. <i>Optical Materials</i> , 2015 , 46, 585-590	3.3	2
98	Bioactive Wollastonite-Diopside Foams from Preceramic Polymers and Reactive Oxide Fillers. <i>Materials</i> , 2015 , 8, 2480-2494	3.5	25

97	Silicone resins mixed with active oxide fillers and Ca/Mg Silicate glass as alternative/integrative precursors for wollastonite/diopside glass-ceramic foams. <i>Journal of Non-Crystalline Solids</i> , 2015 , 416, 44-49	3.9	31
96	Novel cordierite foams from preceramic polymers and reactive oxide fillers. <i>Materials Letters</i> , 2015 , 159, 98-101	3.3	3
95	Lightweight glass/ceramic tiles from the sintering of mining tailings. <i>Ceramics International</i> , 2015 , 41, 5294-5300	5.1	32
94	Recycling of pre-stabilized municipal waste incinerator fly ash and soda-lime glass into sintered glass-ceramics. <i>Journal of Cleaner Production</i> , 2015 , 89, 224-230	10.3	73
93	Glass-Ceramic Composites from Borosilicate Glass and Alumina-Rich Residues. <i>International Journal of Applied Ceramic Technology</i> , 2015 , 12, E19-E27	2	3
92	Design of glass foams with low environmental impact. <i>Ceramics International</i> , 2015 , 41, 3400-3408	5.1	59
91	Development of bioactive silicate-based glass-ceramics from preceramic polymer and fillers. <i>Journal of the European Ceramic Society</i> , 2015 , 35, 731-739	6	29
90	3D-printed silicate porous bioceramics using a non-sacrificial preceramic polymer binder. <i>Biofabrication</i> , 2015 , 7, 025008	10.5	57
89	Waste derived glass ceramic composites prepared by low temperature sintering/sinter-crystallisation. <i>Advances in Applied Ceramics</i> , 2015 , 114, S17-S25	2.3	13
88	Processing of porous glass ceramics from highly crystallisable industrial wastes. <i>Advances in Applied Ceramics</i> , 2015 , 114, S11-S16	2.3	12
87	Development of glass-ceramics from boron containing waste and meat bone ash combinations with addition of waste glass. <i>Ceramics International</i> , 2014 , 40, 6045-6051	5.1	21
86	Preceramic Polymer-Derived SiAlON as Sintering Aid for Silicon Nitride. <i>Journal of the American Ceramic Society</i> , 2014 , 97, 3407-3412	3.8	4
85	Microstructure Development and Dielectric Characterization of Forsterite-Based Ceramics from Silicone Resins and Oxide Fillers. <i>Advanced Engineering Materials</i> , 2014 , 16, 806-813	3.5	13
84	Cellular glass/ceramics from a self foaming mixture of glass and basalt scoria. <i>Journal of Non-Crystalline Solids</i> , 2014 , 403, 38-46	3.9	35
83	Polymer-derived SiC ceramics from polycarbosilane/boron mixtures densified by SPS. <i>Ceramics International</i> , 2014 , 40, 14493-14500	5.1	14
82	Sintered and glazed glass-ceramics from natural and waste raw materials. <i>Ceramics International</i> , 2014 , 40, 3543-3551	5.1	44
81	Gehlenite:Eu ³⁺ phosphors from a silicone resin and nano-sized fillers. <i>Optical Materials</i> , 2014 , 36, 1243-1249	3.9	17
80	Cellular Structures 2014 , 407-441		1

79	Advanced Ceramics from Preceramic Polymers Modified at the Nano-Scale: A Review. <i>Materials</i> , 2014 , 7, 1927-1956	3.5	96
78	Novel Glass-Ceramic Composition as Sealant for SOFCs. <i>Journal of the American Ceramic Society</i> , 2014 , 97, 3835-3842	3.8	30
77	Novel processing of bioglass ceramics from silicone resins containing micro- and nano-sized oxide particle fillers. <i>Journal of Biomedical Materials Research - Part A</i> , 2014 , 102, 2502-10	5.4	12
76	Magnetic Glass Ceramics by Sintering of Borosilicate Glass and Inorganic Waste. <i>Materials</i> , 2014 , 7, 5565-5580	3.5	17
75	Strong and chemically inert sinter crystallised glass ceramics based on Estonian oil shale ash. <i>Advances in Applied Ceramics</i> , 2014 , 113, 120-128	2.3	12
74	Novel akermanite-based bioceramics from preceramic polymers and oxide fillers. <i>Ceramics International</i> , 2014 , 40, 1029-1035	5.1	26
73	Novel synthesis of Eu-doped SiAlON luminescent materials from a preceramic polymer and nano-sized fillersPeer review under responsibility of The Ceramic Society of Japan and the Korean Ceramic Society.View all notes. <i>Journal of Asian Ceramic Societies</i> , 2014 , 2, 158-164	2.4	6
72	LAS glass ceramic scaffolds by three-dimensional printing. <i>Journal of the European Ceramic Society</i> , 2013 , 33, 1525-1533	6	43
71	Cordierite ceramics from silicone resins containing nano-sized oxide particle fillers. <i>Ceramics International</i> , 2013 , 39, 8893-8899	5.1	19
70	Self glazed glass ceramic foams from metallurgical slag and recycled glass. <i>Journal of Cleaner Production</i> , 2013 , 59, 245-250	10.3	62
69	Stabilization of fluorine-containing industrial waste by production of sintered glass-ceramics. <i>Ceramics International</i> , 2013 , 39, 6907-6915	5.1	22
68	Review. Functional glasses and glass-ceramics derived from iron rich waste and combination of industrial residues. <i>Journal of Non-Crystalline Solids</i> , 2013 , 365, 63-74	3.9	74
67	Multifunctional advanced ceramics from preceramic polymers and nano-sized active fillers. <i>Journal of the European Ceramic Society</i> , 2013 , 33, 453-469	6	67
66	Wollastonite Foams From an Extruded Preceramic Polymer Mixed with CaCO ₃ Microparticles Assisted by Supercritical Carbon Dioxide. <i>Advanced Engineering Materials</i> , 2013 , 15, 60-65	3.5	12
65	SiOC ceramics with ordered porosity by 3D-printing of a preceramic polymer. <i>Journal of Materials Research</i> , 2013 , 28, 2243-2252	2.5	67
64	SiAlON bonded SiC ceramics from silicone polymer and nanosized fillers. <i>Advances in Applied Ceramics</i> , 2013 , 112, 158-162	2.3	6
63	Optimization of Phase Purity of α -Sialon Ceramics Produced from Silazanes and Nano-Sized Alumina. <i>Journal of the American Ceramic Society</i> , 2012 , 95, 2148-2154	3.8	8
62	SiAlON ceramics from preceramic polymers and nano-sized fillers: Application in ceramic joining. <i>Journal of the European Ceramic Society</i> , 2012 , 32, 1329-1335	6	35

61	Porous wollastonite/hydroxyapatite bioceramics from a preceramic polymer and micro- or nano-sized fillers. <i>Journal of the European Ceramic Society</i> , 2012 , 32, 399-408	6	27
60	Development of lightweight porcelain stoneware tiles using foaming agents. <i>Journal of the European Ceramic Society</i> , 2012 , 32, 745-752	6	42
59	Low temperature synthesis of zircon from silicone resins and oxide nano-sized particles. <i>Journal of the European Ceramic Society</i> , 2012 , 32, 2819-2824	6	12
58	Novel synthesis and applications of yttrium silicates from a silicone resin containing oxide nano-particle fillers. <i>Ceramics International</i> , 2012 , 38, 5469-5474	5.1	16
57	Novel 3D Wollastonite-Based Scaffolds from Preceramic Polymers Containing Micro- and Nano-Sized Reactive Particles. <i>Advanced Engineering Materials</i> , 2012 , 14, 269-274	3.5	25
56	Optimisation of low temperature sinter crystallisation of waste derived glass. <i>Advances in Applied Ceramics</i> , 2012 , 111, 472-479	2.3	6
55	Microporous glass ceramics from combination of silicate, borate and phosphate wastes. <i>Advances in Applied Ceramics</i> , 2012 , 111, 415-421	2.3	11
54	Cellular Structures 2011 , 407-441		1
53	Glass-ceramics from vitrified sewage sludge pyrolysis residues and recycled glasses. <i>Waste Management</i> , 2011 , 31, 2245-52	8.6	40
52	Application of an Industrial Waste Glass in 'Glass/Ceramic Stoneware' <i>International Journal of Applied Ceramic Technology</i> , 2011 , 8, 1153-1162	2	21
51	Mullite/Zirconia Nanocomposites from a Preceramic Polymer and Nanosized Fillers. <i>Journal of the American Ceramic Society</i> , 2011 , 94, 1357-1362	3.8	13
50	Sintered glass ceramic articles from plasma vitrified asbestos containing waste. <i>Advances in Applied Ceramics</i> , 2011 , 110, 346-352	2.3	14
49	Sintered silicophosphate glass ceramics from MBM ash and recycled soda/lime/silica glass. <i>Advances in Applied Ceramics</i> , 2011 , 110, 41-48	2.3	9
48	Recycling of waste glasses into partially crystallized glass foams. <i>Journal of Porous Materials</i> , 2010 , 17, 359-365	2.4	61
47	Lightweight Porcelain Stoneware by Engineered CeO ₂ Addition. <i>Advanced Engineering Materials</i> , 2010 , 12, 65-70	3.5	21
46	Optimisation of sintered glass/ceramics from an industrial waste glass. <i>Ceramics International</i> , 2010 , 36, 1675-1680	5.1	54
45	'Glass based stoneware' as a promising route for the recycling of waste glasses. <i>Advances in Applied Ceramics</i> , 2009 , 108, 2-8	2.3	37
44	Electrohydrodynamic forming of porous ceramic capsules from a preceramic polymer. <i>Materials Letters</i> , 2009 , 63, 483-485	3.3	35

43	Development of multiphase bioceramics from a filler-containing preceramic polymer. <i>Ceramics International</i> , 2009 , 35, 1415-1421	5.1	22
42	Fast-Sintered Gehlenite Glass-Ceramics from Plasma-Vitrified Municipal Solid Waste Incinerator Fly Ashes. <i>Journal of the American Ceramic Society</i> , 2009 , 92, 528-530	3.8	45
41	Advanced ceramics from a preceramic polymer and nano-fillers. <i>Journal of the European Ceramic Society</i> , 2009 , 29, 843-849	6	33
40	Sintered eseneite-wollastonite-plagioclase glass-ceramics from vitrified waste. <i>Journal of the European Ceramic Society</i> , 2009 , 29, 2921-2927	6	45
39	Foaming of flat glass cullet using Si ₃ N ₄ and MnO ₂ powders. <i>Ceramics International</i> , 2009 , 35, 1953-1959	5.1	62
38	Fast sinter-crystallization of a glass from waste materials. <i>Journal of Non-Crystalline Solids</i> , 2008 , 354, 3486-3490	3.9	43
37	Tailored waste based glasses as secondary raw materials for porcelain stoneware. <i>Advances in Applied Ceramics</i> , 2008 , 107, 322-328	2.3	6
36	Fast sinter crystallisation of waste glasses. <i>Advances in Applied Ceramics</i> , 2008 , 107, 344-349	2.3	11
35	Sintered feldspar glass-ceramics and glass-ceramic matrix composites. <i>Ceramics International</i> , 2008 , 34, 2037-2042	5.1	25
34	Recycle of Waste Glass into Glass-Ceramic Stoneware. <i>Journal of the American Ceramic Society</i> , 2008 , 91, 2156-2162	3.8	43
33	Kinetic Studies of Mullite Synthesis from Alumina Nanoparticles and a Preceramic Polymer. <i>Journal of the American Ceramic Society</i> , 2008 , 91, 2529-2533	3.8	40
32	Advanced Oxide Ceramics from a Preceramic Polymer and Fillers. <i>Soft Materials</i> , 2007 , 4, 175-185	1.7	7
31	Reutilization and stabilization of wastes by the production of glass foams. <i>Ceramics International</i> , 2007 , 33, 963-968	5.1	124
30	Sintered glass-ceramics from mixtures of wastes. <i>Ceramics International</i> , 2007 , 33, 27-33	5.1	66
29	Effect of time and furnace atmosphere on the sintering of glasses from dismantled cathode ray tubes. <i>Journal of the European Ceramic Society</i> , 2007 , 27, 1637-1643	6	34
28	Micro- and macro-cellular sintered glass-ceramics from wastes. <i>Journal of the European Ceramic Society</i> , 2007 , 27, 2415-2422	6	51
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