

Mario Pelino

List of Publications by Year in descending order

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42
papers

1,932
citations

201674
27
h-index

265206
42
g-index

42
all docs

42
docs citations

42
times ranked

1345
citing authors

#	ARTICLE	IF	CITATIONS
1	Extraction of metals from automotive shredder residue: Preliminary results of different leaching systems. Chinese Journal of Chemical Engineering, 2015, 23, 417-424.	3.5	17
2	Microstructural and phase transformations during sintering of a phillipsite rich zeolitic tuff. Ceramics International, 2011, 37, 1843-1850.	4.8	6
3	Characterization of basaltic tuffs and their applications for the production of ceramic and glass-ceramic materials. Ceramics International, 2009, 35, 2789-2795.	4.8	17
4	Induced crystallization porosity and properties of sintered diopside and wollastonite glass-ceramics. Journal of the European Ceramic Society, 2008, 28, 555-562.	5.7	100
5	Thermal expansion investigation of iron rich glass-ceramic. Journal of the European Ceramic Society, 2008, 28, 3021-3026.	5.7	23
6	Recycling of CRT panel glass as fluxing agent in the porcelain stoneware tile production. Ceramics International, 2008, 34, 1289-1295.	4.8	98
7	Sinter-crystallization of a glass obtained from basaltic tuffs. Journal of Non-Crystalline Solids, 2008, 354, 290-295.	3.1	29
8	Structure, chemical durability and crystallization behavior of incinerator-based glassy systems. Journal of Non-Crystalline Solids, 2008, 354, 521-528.	3.1	29
9	Vitrification of copper flotation waste. Journal of Hazardous Materials, 2007, 140, 333-339.	12.4	52
10	The effect of fired scrap addition on the sintering behaviour of hard porcelain. Ceramics International, 2006, 32, 727-732.	4.8	32
11	Sinter-crystallisation in the diopside-albite system. Journal of the European Ceramic Society, 2006, 26, 2511-2517.	5.7	39
12	Sinter-crystallization in the diopside-albite system. Journal of the European Ceramic Society, 2006, 26, 2519-2526.	5.7	29
13	Sintered glass ceramic composites from vitrified municipal solid waste bottom ashes. Journal of Hazardous Materials, 2006, 137, 138-143.	12.4	36
14	FTIR spectroscopy investigation of the crystallisation process in an iron rich glass. Journal of the European Ceramic Society, 2005, 25, 1855-1861.	5.7	42
15	Sintering behaviour of a glass obtained from MSWI ash. Journal of the European Ceramic Society, 2005, 25, 1531-1540.	5.7	42
16	Sintering in Nitrogen Atmosphere of Iron-Rich Glass-Ceramics. Journal of the American Ceramic Society, 2004, 87, 1354-1357.	3.8	21
17	Sintering Behavior and Properties of Iron-Rich Glass-Ceramics. Journal of the American Ceramic Society, 2004, 87, 1571-1574.	3.8	19
18	Properties of sintered glass-ceramics in the diopside-albite system. Ceramics International, 2004, 30, 2129-2135.	4.8	53

#	ARTICLE	IF	CITATIONS
19	Sintered glass-ceramics from Municipal Solid Waste-incinerator fly ashes"part I: the influence of the heating rate on the sinter-crystallisation. Journal of the European Ceramic Society, 2003, 23, 827-832.	5.7	92
20	Sintered glass-ceramics from incinerator fly ashes. Part II. The influence of the particle size and heat-treatment on the properties. Journal of the European Ceramic Society, 2003, 23, 1609-1615.	5.7	52
21	Vitrification of electric arc furnace dusts. Waste Management, 2002, 22, 945-949.	7.4	105
22	Crystallization phenomena in iron-rich glasses. Journal of Non-Crystalline Solids, 2001, 281, 139-151.	3.1	114
23	Influence of the nucleation time-lag on the activation energy in non-isothermal crystallization. Journal of Non-Crystalline Solids, 2001, 290, 173-179.	3.1	19
24	Chemical durability of glasses obtained by vitrification of industrial wastes. Waste Management, 2001, 21, 1-9.	7.4	125
25	Reply to "Comment on "Influence of Fe^{3+}/Fe^{2+} Ratio on the Crystallization of Iron-Rich Glasses Made with Industrial Wastes" Journal of the American Ceramic Society, 2001, 84, 2742-2743.	3.8	4
26	The crystallisation kinetics of iron rich glass in different atmospheres. Journal of the European Ceramic Society, 2000, 20, 2233-2237.	5.7	49
27	Influence of Fe^{3+}/Fe^{2+} Ratio on the Crystallization of Iron-Rich Glasses Made with Industrial Wastes. Journal of the American Ceramic Society, 2000, 83, 3153-3157.	3.8	97
28	Evaluation of the degree of crystallisation in glass-ceramics by density measurements. Journal of the European Ceramic Society, 1999, 19, 649-654.	5.7	80
29	Kinetics of phase formation in jarosite glass-ceramic. Journal of the European Ceramic Society, 1999, 19, 527-533.	5.7	38
30	The effect of Cr_2O_3 as a nucleating agent in iron-rich glass-ceramics. Journal of the European Ceramic Society, 1999, 19, 2641-2645.	5.7	62
31	Iron-Rich Sintered Glass-Ceramics from Industrial Wastes. Journal of the American Ceramic Society, 1999, 82, 3012-3016.	3.8	66
32	Treatment and recycling of goethite waste arising from the hydrometallurgy of zinc. Hydrometallurgy, 1996, 40, 25-35.	4.3	49
33	Porous Silica-Coated α - Fe_2O_3 Ceramics for Humidity Measurement at Elevated Temperature. Journal of the American Ceramic Society, 1996, 79, 927-937.	3.8	65
34	Impedence analysis and circuit simulation of quartz resonator in water at different temperatures. Sensors and Actuators B: Chemical, 1996, 32, 169-173.	7.8	8
35	Connectivity of pore networks in chemically sensitive materials. Sensors and Actuators B: Chemical, 1995, 25, 865-870.	7.8	2
36	NO_2 gas sensitivity of sol-gel-derived γ - Fe_2O_3 thin films. Thin Solid Films, 1995, 269, 97-101.	1.8	47

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37	Electronic states and nature of bonding in the molecule YC by all electron ab initio multiconfiguration self-consistent-field calculations and mass spectrometric equilibrium experiments. Journal of Chemical Physics, 1992, 97, 9240-9248.	3.0	31
38	Microstructure and Humidity-Sensitive Characteristics of alpha-Fe ₂ O ₃ Ceramic Sensor. Journal of the American Ceramic Society, 1992, 75, 546-551.	3.8	95
39	Study of the thermodynamic properties of the TiIr intermetallic molecule. Journal of Chemical Physics, 1989, 90, 1286-1288.	3.0	3
40	Thermodynamic stability of the molecules YC ₂ , YC ₃ , YC ₄ , YC ₅ , YC ₆ , YC ₇ , and YC ₈ by high temperature Knudsen effusion mass spectrometry. Journal of Chemical Physics, 1988, 88, 6534-6539.	3.0	22
41	Thermodynamic study of the gaseous dilanthanum carbides, La ₂ C ₂ , La ₂ C ₃ , La ₂ C ₄ , La ₂ C ₅ , La ₂ C ₆ , and La ₂ C ₈ by high temperature mass spectrometry. Journal of Chemical Physics, 1984, 80, 4478-4483.	3.0	13
42	Identification and atomization energies of gaseous LaC ₇ and LaC ₈ by high-temperature mass spectrometry. Journal of the Chemical Society Faraday Transactions I, 1982, 78, 341.	1.0	10