

Jean Puig

List of Publications by Year in descending order

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13
papers

140
citations

1478505

6
h-index

1281871

11
g-index

13
all docs

13
docs citations

13
times ranked

104
citing authors

#	ARTICLE	IF	CITATIONS
1	Production of metallic nanopowders (Mg, Al) by solar carbothermal reduction of their oxides at low pressure. Journal of Magnesium and Alloys, 2016, 4, 140-150.	11.9	28
2	Solâ€“gel synthesis and characterization of barium (magnesium) aluminosilicate glass sealants for solid oxide fuel cells. Journal of Non-Crystalline Solids, 2011, 357, 3490-3494.	3.1	17
3	Optimization of the synthesis route of a barium boron aluminosilicate sealing glass for SOFC applications. Ceramics International, 2017, 43, 9753-9758.	4.8	15
4	High temperature rheological study of borosilicate glasses containing platinum group metal particles by means of a mixer-type rheometer. Journal of Nuclear Materials, 2016, 469, 112-119.	2.7	13
5	Rheological Properties of Nuclear Glass Melt Containing Platinum Group Metals. , 2014, 7, 156-162.		12
6	Platinum group metal particles aggregation in nuclear glass melts under the effect of temperature. Journal of Nuclear Materials, 2016, 477, 102-109.	2.7	12
7	Experimental carbothermal reduction of MgO at low pressure using concentrated solar energy. Journal of Mining and Metallurgy, Section B: Metallurgy, 2018, 54, 39-50.	0.8	10
8	Development of barium boron aluminosilicate glass sealants using a solâ€“gel route for solid oxide fuel cell applications. Journal of Materials Science, 2016, 51, 979-988.	3.7	9
9	Improving the solar carbothermal reduction of magnesia for metallic fuels production through reactor designing, milling and binders. Journal of Cleaner Production, 2021, 315, 128142.	9.3	8
10	Experimental Carbothermal Reduction of Al ₂ O ₃ at Low Pressure Using Concentrated Solar Energy. Journal of Sustainable Metallurgy, 2020, 6, 161-173.	2.3	7
11	Solar metallurgy for the production of Al and Mg particles. AIP Conference Proceedings, 2018, , .	0.4	5
12	Barium Borosilicate Sealing Glasses Synthesized by a Solâ€“Gel Process: Chemical Interactions with a Stainless Steel and Gasâ€“Tightness of a SOFC. Fuel Cells, 2014, 14, 1014-1021.	2.4	2
13	Improving the Solar Carbothermal Reduction of Magnesia as a Production Process of Metal Fuels. International Journal of Mining Materials and Metallurgical Engineering, 0, , .	0.0	2