

Constantino Fernandez-Pereira

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

786
citations

516710

16
h-index

752698

20
g-index

21
all docs

21
docs citations

21
times ranked

695
citing authors

#	ARTICLE	IF	CITATIONS
1	Coal fly ash-slag-based geopolymers: Microstructure and metal leaching. <i>Journal of Hazardous Materials</i> , 2009, 166, 561-566.	12.4	200
2	Hydrometallurgical Recovery of Germanium from Coal Gasification Fly Ash. Solvent Extraction Method. <i>Industrial & Engineering Chemistry Research</i> , 2008, 47, 3186-3191.	3.7	68
3	Potential utilization of FGD gypsum and fly ash from a Chinese power plant for manufacturing fire-resistant panels. <i>Construction and Building Materials</i> , 2015, 95, 910-921.	7.2	64
4	Influence of the co-firing on the leaching of trace pollutants from coal fly ash. <i>Fuel</i> , 2008, 87, 1958-1966.	6.4	58
5	Germanium recovery from gasification fly ash: Evaluation of end-products obtained by precipitation methods. <i>Journal of Hazardous Materials</i> , 2009, 167, 582-588.	12.4	50
6	Insulating capacity of fly ash pastes used for passive protection against fire. <i>Cement and Concrete Composites</i> , 2005, 27, 776-781.	10.7	38
7	Recycling potential of coal fly ash and titanium waste as new fireproof products. <i>Chemical Engineering Journal</i> , 2003, 95, 155-161.	12.7	37
8	Hydrometallurgical Recovery of Germanium from Coal Gasification Fly Ash: Pilot Plant Scale Evaluation. <i>Industrial & Engineering Chemistry Research</i> , 2009, 48, 3573-3579.	3.7	37
9	IGCC fly ash valorisation. Optimisation of Ge and Ga recovery for an industrial application. <i>Fuel Processing Technology</i> , 2014, 124, 222-227.	7.2	36
10	Influence of the type of ash on the fire resistance characteristics of ash-enriched mortars. <i>Fuel</i> , 2005, 84, 1433-1439.	6.4	35
11	Recovery of Germanium from Aqueous Solutions by Ion-Exchange Extraction of Its Catechol Complex. <i>Industrial & Engineering Chemistry Research</i> , 2010, 49, 4817-4823.	3.7	26
12	Development of new fire-proof products made from coal fly ash: the CEFYR project. <i>Journal of Chemical Technology and Biotechnology</i> , 2002, 77, 361-366.	3.2	24
13	Low environmental impact process for germanium recovery from an industrial residue. <i>Minerals Engineering</i> , 2018, 128, 106-114.	4.3	23
14	Fire resistance of biomass ash panels used for internal partitions in buildings. <i>Fire Safety Journal</i> , 2009, 44, 622-628.	3.1	19
15	Fire Resistance Characteristics of Plates Containing a High Biomass Ash Proportion. <i>Industrial & Engineering Chemistry Research</i> , 2007, 46, 4824-4829.	3.7	17
16	Effects of fibres and rice husk ash on properties of heated HSC. <i>Magazine of Concrete Research</i> , 2012, 64, 457-470.	2.0	17
17	Effect of carbonaceous matter contents on the fire resistance and mechanical properties of coal fly ash enriched mortars. <i>Fuel</i> , 2008, 87, 2977-2982.	6.4	13
18	Demonstration Plant Equipment Design and Scale-Up from Pilot Plant of a Leaching and Solvent Extraction Process. <i>Minerals (Basel, Switzerland)</i> , 2015, 5, 298-313.	2.0	11

#	ARTICLE	IF	CITATIONS
19	Precipitation of Germanium from Coal Fly Ash Leachates. Coal Combustion and Gasification Products, 2010, 2, 28-34.	1.0	11
20	Reusing leached fly ash as a cement replacement. Proceedings of the Institution of Civil Engineers: Engineering Sustainability, 2018, 171, 286-295.	0.7	2
21	Novel Products and Applications with Combustion Residues. , 0, , 199-378.		0