

Shane Donatello

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

2,441
citations

304743

22
h-index

552781

26
g-index

28
all docs

28
docs citations

28
times ranked

2397
citing authors

#	ARTICLE	IF	CITATIONS
1	Recycling and recovery routes for incinerated sewage sludge ash (ISSA): A review. Waste Management, 2013, 33, 2328-2340.	7.4	378
2	Comparison of test methods to assess pozzolanic activity. Cement and Concrete Composites, 2010, 32, 121-127.	10.7	334
3	Ambient Temperature Drying Shrinkage and Cracking in Metakaolin-Based Geopolymers. Journal of the American Ceramic Society, 2012, 95, 3270-3277.	3.8	218
4	Production of technical grade phosphoric acid from incinerator sewage sludge ash (ISSA). Waste Management, 2010, 30, 1634-1642.	7.4	137
5	Very High Volume Fly Ash Cements. Early Age Hydration Study Using Na_2SO_4 as an Activator. Journal of the American Ceramic Society, 2013, 96, 900-906.	3.8	125
6	Effect of milling and acid washing on the pozzolanic activity of incinerator sewage sludge ash. Cement and Concrete Composites, 2010, 32, 54-61.	10.7	115
7	The effect of using thermally dried sewage sludge as an alternative fuel on Portland cement clinker production. Journal of Cleaner Production, 2013, 52, 94-102.	9.3	110
8	Hydration of Hybrid Alkaline Cement Containing a Very Large Proportion of Fly Ash: A Descriptive Model. Materials, 2016, 9, 605.	2.9	106
9	Phosphorus recovery and leaching of trace elements from incinerated sewage sludge ash (ISSA). Chemosphere, 2018, 193, 278-287.	8.2	99
10	Recovery of phosphorus from incinerated sewage sludge ash by combined two-step extraction and selective precipitation. Chemical Engineering Journal, 2018, 348, 74-83.	12.7	92
11	EU landfill waste acceptance criteria and EU Hazardous Waste Directive compliance testing of incinerated sewage sludge ash. Waste Management, 2010, 30, 63-71.	7.4	86
12	Influence of metakaolin characteristics on the mechanical properties of geopolymers. Applied Clay Science, 2013, 83-84, 308-314.	5.2	85
13	Use of Mg/Ca modified biochars to take up phosphorus from acid-extract of incinerated sewage sludge ash (ISSA) for fertilizer application. Journal of Cleaner Production, 2020, 244, 118853.	9.3	85
14	Durability of very high volume fly ash cement pastes and mortars in aggressive solutions. Cement and Concrete Composites, 2013, 38, 12-20.	10.7	78
15	High temperature resistance of a very high volume fly ash cement paste. Cement and Concrete Composites, 2014, 45, 234-242.	10.7	71
16	Change in re-use value of incinerated sewage sludge ash due to chemical extraction of phosphorus. Waste Management, 2018, 74, 404-412.	7.4	51
17	Feasibility of wet-extraction of phosphorus from incinerated sewage sludge ash (ISSA) for phosphate fertilizer production: A critical review. Critical Reviews in Environmental Science and Technology, 2021, 51, 939-971.	12.8	50
18	Recent developments in macro-defect-free (MDF) cements. Construction and Building Materials, 2009, 23, 1761-1767.	7.2	40

#	ARTICLE	IF	CITATIONS
19	The Early Age Hydration Reactions of a Hybrid Cement Containing a Very High Content of Coal Bottom Ash. <i>Journal of the American Ceramic Society</i> , 2014, 97, 929-937.	3.8	37
20	Effect of petroleum (pet) coke addition on the density and thermal conductivity of cement pastes and mortars. <i>Fuel</i> , 2013, 107, 138-146.	6.4	35
21	Source term characterisation using concentration trends and geochemical associations of Pb and Zn in river sediments in the vicinity of a disused mine site: Implications for contaminant metal dispersion processes. <i>Environmental Pollution</i> , 2009, 157, 1649-1656.	7.5	32
22	Improving material efficiency in the life cycle of products: a review of EU Ecolabel criteria. <i>International Journal of Life Cycle Assessment</i> , 2020, 25, 921-935.	4.7	28
23	An assessment of Mercury immobilisation in alkali activated fly ash (AAFA) cements. <i>Journal of Hazardous Materials</i> , 2012, 213-214, 207-215.	12.4	27
24	Specific Examples of Hybrid Alkaline Cement. <i>MATEC Web of Conferences</i> , 2014, 11, 01001.	0.2	12
25	Some durability aspects of hybrid alkaline cements. <i>MATEC Web of Conferences</i> , 2014, 11, 01008.	0.2	5
26	Are the existing EU Ecolabel criteria for furniture products too complex? An analysis of complexity from a material and a supply chain perspective and suggestions for ways ahead. <i>International Journal of Life Cycle Assessment</i> , 2020, 25, 868-882.	4.7	5
27	Phosphorus (P) Recovery and reuse as fertilizer from incinerated sewage sludge ash (ISSA). , 2020, , 263-288.		0