

# High performance of treated and washed MSWI bottom aggregate replacement within earth-moist concrete

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Treatment and Reuse of Incineration Bottom Ash. , 2016, , 607-645.		12
2	Novel coal bottom ash waste composites for sustainable construction. Construction and Building Materials, 2016, 124, 582-588.	3.2	61
3	Municipal incinerated bottom ash characteristics and potential for use as aggregate in concrete. Construction and Building Materials, 2016, 127, 504-517.	3.2	81
4	Integral recycling of municipal solid waste incineration (MSWI) bottom ash fines (0â€“2 mm) and industrial powder wastes by cold-bonding pelletization. Waste Management, 2017, 62, 125-138.	3.7	53
5	Leaching behaviour of municipal solid waste incineration bottom ash: From granular material to monolithic concrete. Waste Management and Research, 2017, 35, 978-990.	2.2	19
6	Recovery of copper from small grain size fractions of municipal solid waste incineration bottom ash by means of density separation. International Journal of Sustainable Engineering, 2017, , 1-11.	1.9	7
7	Employing cold bonded pelletization to produce lightweight aggregates from incineration fine bottom ash. Journal of Cleaner Production, 2017, 165, 1371-1384.	4.6	80
8	Effect of casting methods and SCMs on properties of mortars prepared with fine MSW incineration bottom ash. Construction and Building Materials, 2018, 167, 890-898.	3.2	49
9	The durability and environmental properties of self-compacting concrete incorporating cold bonded lightweight aggregates produced from combined industrial solid wastes. Construction and Building Materials, 2018, 167, 271-285.	3.2	55
10	MSWI BA treated with Advanced Dry Recovery: a field scale study on materialsâ€™ leaching properties. International Journal of Sustainable Engineering, 0, , 1-11.	1.9	2
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13	Limitations and quality upgrading techniques for utilization of MSW incineration bottom ash in engineering applications â€“ A review. Construction and Building Materials, 2018, 190, 1091-1102.	3.2	68
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16	Leaching of monolithic and granular alkali activated slag-fly ash materials, as a function of the mixture design. Waste Management, 2018, 78, 497-508.	3.7	28
17	Municipal Incinerated Bottom Ash Characteristics. , 2018, , 91-138.		6
18	Influence of calcium content on structure and strength of MSWI bottom ash-based geopolymer. Magazine of Concrete Research, 2019, 71, 362-372.	0.9	15

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19	Waterglass impregnation of municipal solid waste incineration bottom ash applied as sand replacement in mortars. <i>Waste Management</i> , 2019, 86, 87-96.	3.7	10
20	Review of leaching behavior of municipal solid waste incineration (MSWI) ash. <i>Science of the Total Environment</i> , 2019, 668, 90-103.	3.9	263
21	Valorization of concrete slurry waste (CSW) and fine incineration bottom ash (IBA) into cold bonded lightweight aggregates (CBLAs): Feasibility and influence of binder types. <i>Journal of Hazardous Materials</i> , 2019, 368, 689-697.	6.5	56
22	MSWI bottom ash as binder replacement in wood cement composites. <i>Construction and Building Materials</i> , 2019, 196, 672-680.	3.2	25
23	Detailed characterization of particle size fractions of municipal solid waste incineration bottom ash. <i>Journal of Cleaner Production</i> , 2019, 207, 866-874.	4.6	73
24	Investigation of the hydrothermal treatment for maximizing the MSWI bottom ash content in fine lightweight aggregates. <i>Construction and Building Materials</i> , 2020, 230, 116947.	3.2	18
25	Compositional modelling and crushing behaviour of MSWI bottom ash material classes. <i>Waste Management</i> , 2020, 101, 268-282.	3.7	15
26	Feasible use of municipal solid waste incineration bottom ash in ultra-high performance concrete. <i>Cement and Concrete Composites</i> , 2020, 114, 103814.	4.6	49
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28	The Production of Sustainable Concrete with the Use of Alternative Aggregates: A Review. <i>Sustainability</i> , 2020, 12, 7903.	1.6	55
29	Valorization of MSWI Bottom Ash as a Function of Particle Size Distribution, Using Steam Washing. <i>Sustainability</i> , 2020, 12, 9461.	1.6	2
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32	pH evolution during water washing of incineration bottom ash and its effect on removal of heavy metals. <i>Waste Management</i> , 2020, 104, 213-219.	3.7	32
33	Heavy metals chemical speciation and environmental risk of bottom slag during co-combustion of municipal solid waste and sewage sludge. <i>Journal of Cleaner Production</i> , 2020, 262, 121318.	4.6	50
34	Inventory of twenty-six combustible wastes as sources of potentially toxic elements: B, Cr, Cu, Zn, As, Sb, Ba, and Pb. <i>Journal of Material Cycles and Waste Management</i> , 2021, 23, 664-675.	1.6	0
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38	Distribution of recoverable metal resources and harmful elements depending on particle size and density in municipal solid waste incineration bottom ash from dry discharge system. <i>Waste Management</i> , 2021, 126, 652-663.	3.7	4
39	Washed waste incineration bottom ash as a raw ingredient in cement production: Implications for lab-scale clinker behavior. <i>Resources, Conservation and Recycling</i> , 2021, 169, 105513.	5.3	22
40	A Novel Dry Treatment for Municipal Solid Waste Incineration Bottom Ash for the Reduction of Salts and Potential Toxic Elements. <i>Materials</i> , 2021, 14, 3133.	1.3	3
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42	Development of artificial one-part geopolymer lightweight aggregates by crushing technique. <i>Journal of Cleaner Production</i> , 2021, 315, 128200.	4.6	49
43	Waste-Based porous materials as water reservoirs for the internal curing of Concrete. A review. <i>Construction and Building Materials</i> , 2021, 299, 124244.	3.2	14
44	The leaching potential of sewage sludge and municipal waste incineration ashes in terms of landfill safety and potential reuse. <i>Science of the Total Environment</i> , 2021, 791, 148313.	3.9	17
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50	Stabilization/solidification of municipal solid waste incineration bottom ash. , 2022, , 157-174.		2
51	The impact of cold-bonded artificial lightweight aggregates produced by municipal solid waste incineration bottom ash (MSWIBA) replace natural aggregates on the mechanical, microscopic and environmental properties, durability of sustainable concrete. <i>Journal of Cleaner Production</i> , 2022, 337, 130479.	4.6	53
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53	The Effect of Municipal Solid Waste Incineration Ash on the Properties and Durability of Cement Concrete. <i>Materials</i> , 2022, 15, 4486.	1.3	7
54	Review of alternative ash aggregates in concrete-solution towards waste management and environmental protection. <i>Environmental Science and Pollution Research</i> , 2022, 29, 62870-62886.	2.7	3

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57	Quantification and distribution of extractable metals of MSWI bottom ash in view of its valorization in China. <i>Waste Disposal &amp; Sustainable Energy</i> , 2022, 4, 169-178.	1.1	3
58	Washing of residues from the circular economy prior to sustainable landfill: Effects on long-term impacts. <i>Waste Management and Research</i> , 2023, 41, 585-593.	2.2	2
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