

# CITATION REPORT

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## Properties of Concrete Containing Construction and Demolition Wastes and Fly Ash

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Journal of Materials in Civil Engineering, 2013, 25, 1864-1870.

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#	Paper	IF	Citations
43	Existence of Dividing Strength in Concrete Containing Recycled Coarse Aggregate. <i>Journal of Materials in Civil Engineering</i> , <b>2014</b> , 26, 784-788	3	13
42	Effect of nano silica on properties of concretes containing recycled coarse aggregates. <i>Proceedings of Institution of Civil Engineers: Construction Materials</i> , <b>2015</b> , 168, 68-76	0.8	19
41	Global Warming Implications of the Use of By-Products and Recycled Materials in Western Australia's Housing Sector. <i>Materials</i> , <b>2015</b> , 8, 6909-6925	3.5	16
40	Production of Controlled Low Strength Material Utilizing Waste Paper Sludge Ash and Recycled Aggregate Concrete. <i>MATEC Web of Conferences</i> , <b>2016</b> , 47, 01011	0.3	11
39	Mechanical and durability properties of fly ash geopolymer concrete containing recycled coarse aggregates. <i>International Journal of Sustainable Built Environment</i> , <b>2016</b> , 5, 277-287		128
38	Effect of ultrafine fly ash on the properties of concretes containing construction and demolition wastes as coarse aggregates. <i>Structural Concrete</i> , <b>2016</b> , 17, 116-122	2.6	23
37	Recycled aggregate concrete incorporating fly ash: Comparative study on particle packing and conventional method. <i>Construction and Building Materials</i> , <b>2017</b> , 156, 376-386	6.7	33
36	Effects of steel fibre and silica fume on impact behaviour of recycled aggregate concrete. <i>Journal of Sustainable Cement-Based Materials</i> , <b>2017</b> , 6, 54-68	3.6	32
35	Overview of studies on the effect of recycled aggregates sourced from tested cylinders on concrete material and structural properties. <i>MATEC Web of Conferences</i> , <b>2017</b> , 120, 03007	0.3	1
34	Flexural performance and tension-stiffening evaluation of reinforced concrete beam incorporating recycled aggregate and fly ash. <i>Construction and Building Materials</i> , <b>2018</b> , 174, 210-223	6.7	24
33	Mechanical properties of concrete containing recycled coarse aggregate at and after exposure to elevated temperatures. <i>Structural Concrete</i> , <b>2018</b> , 19, 400-410	2.6	16
32	Effect of mixing methods of nano silica on properties of recycled aggregate concrete. <i>Structural Concrete</i> , <b>2018</b> , 19, 387-399	2.6	42
31	Efficient Utilization of Construction and Demolition Waste in Concrete. <b>2018</b> ,		
30	Urbanization Challenges in Emerging Economies. <b>2018</b> ,		
29	Mechanical and Durability Properties of Green Star Concretes. <i>Buildings</i> , <b>2018</b> , 8, 111	3.2	4
28	Effect of crushed concrete waste's maximum size as partial replacement of natural coarse aggregate on the mechanical and durability properties of concrete. <i>Resources, Conservation and Recycling</i> , <b>2019</b> , 149, 664-673	11.9	35
27	Performance of fly ash incorporated recycled aggregates concrete column under axial compression: Experimental and numerical study. <i>Engineering Structures</i> , <b>2019</b> , 196, 109258	4.7	9

26	Adopting recycled aggregates as sustainable construction materials: A review of the scientific literature. <i>Construction and Building Materials</i> , <b>2019</b> , 218, 483-496	6.7	63
25	Sustainability assessment of recycled aggregates concrete mixes containing industrial by-products. <i>Materials Today Sustainability</i> , <b>2019</b> , 5, 100013	5	11
24	Effect of incorporation of metakaolin and recycled coarse aggregate on properties of concrete. <i>Journal of Cleaner Production</i> , <b>2019</b> , 209, 398-414	10.3	84
23	Performance assessment of concrete incorporating recycled coarse aggregates and metakaolin: A systematic approach. <i>Construction and Building Materials</i> , <b>2020</b> , 233, 117223	6.7	36
22	A unified model for predicting the compressive strength of recycled aggregate concrete containing supplementary cementitious materials. <i>Journal of Cleaner Production</i> , <b>2020</b> , 251, 119752	10.3	37
21	On the Development of a Technical Specification for the Use of Fine Recycled Aggregates from Construction and Demolition Waste in Concrete Production. <i>Materials</i> , <b>2020</b> , 13,	3.5	8
20	A sustainability comparison between green concretes and traditional concrete using an emery ternary diagram. <i>Journal of Cleaner Production</i> , <b>2020</b> , 256, 120421	10.3	17
19	Impact of locally available sustainable materials on the overall economy of the construction sector: A review. <i>Materials Today: Proceedings</i> , <b>2021</b> , 43, 1103-1109	1.4	1
18	An Overview of Construction Demolition Waste Management in India: Sustainable Approach. <i>Lecture Notes in Civil Engineering</i> , <b>2021</b> , 459-467	0.3	
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16	Partially fly ash incorporated recycled coarse aggregate based concrete: Microstructure perspectives and critical analysis. <i>Construction and Building Materials</i> , <b>2021</b> , 278, 122322	6.7	3
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14	Fly ash-incorporated recycled coarse aggregate-based concrete. <b>2021</b> , 229-242		
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12	Predictive models of hardened mechanical properties of waste LCD glass concrete. <i>Computers and Concrete</i> , <b>2014</b> , 14, 577-597		5
11	Shear Behavior of Fly Ash Incorporated Recycled Aggregate Concrete Beams. <i>ACI Structural Journal</i> , <b>2020</b> , 117,	1.7	3
10	Machine learning techniques for recycled aggregate concrete strength prediction and its characteristics between the hardened features of concrete. <i>Arabian Journal of Geosciences</i> , <b>2021</b> , 14, 1	1.8	2
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- 8 Prediction of Micro-Structural Properties of Recycled Aggregate concrete using Artificial Intelligence. **2022**,
- 7 Durability characteristics of geopolymer concrete - Progress and perspectives. **2022**, 59, 105100
- 6 Application of artificial bee colony programming techniques for predicting the compressive strength of recycled aggregate concrete. **2022**, 109641 ○
- 5 Towards next generation design of sustainable, durable, multi-hazard resistant, resilient, and smart civil engineering structures. **2023**, 277, 115477 1
- 4 Impact of recycled aggregates on mechanical properties of concrete. **2022**, ○
- 3 Statistical analysis and unified model for predicting the compressive strength of coarse recycled aggregate OPC concrete. **2023**, 400, 136660 ○
- 2 An investigation on mechanical and microstructural properties of hybrid fiber reinforced concrete with manufactured sand and recycled coarse aggregate. **2023**, 69, 106236 ○
- 1 Life cycle assessment of sustainable concrete with recycled aggregate and supplementary cementitious materials. **2023**, 193, 106947 ○