

# Yuko Ogawa

## List of Publications by Year in descending order

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Version: 2024-02-01

25  
papers

446  
citations

759233

12  
h-index

713466

21  
g-index

26  
all docs

26  
docs citations

26  
times ranked

410  
citing authors

#	ARTICLE	IF	CITATIONS
1	Strength development of cement-treated soils: Effects of water content, carbonation, and pozzolanic reaction under drying curing condition. <i>Construction and Building Materials</i> , 2017, 134, 703-712.	7.2	72
2	Effects of porous ceramic roof tile waste aggregate on strength development and carbonation resistance of steam-cured fly ash concrete. <i>Construction and Building Materials</i> , 2020, 236, 117462.	7.2	45
3	Effect of internal water content on carbonation progress in cement-treated sand and effect of carbonation on compressive strength. <i>Cement and Concrete Composites</i> , 2018, 85, 9-21.	10.7	43
4	Effect of silica fume on efflorescence formation and alkali leaching of alkali-activated slag. <i>Journal of Cleaner Production</i> , 2021, 315, 128210.	9.3	41
5	Effects of chloride ions on the durability and mechanical properties of sea sand concrete incorporating supplementary cementitious materials under an accelerated carbonation condition. <i>Construction and Building Materials</i> , 2021, 274, 122016.	7.2	35
6	Internal curing of Class-F fly-ash concrete using high-volume roof-tile waste aggregate. <i>Materials and Structures/Materiaux Et Constructions</i> , 2017, 50, 1.	3.1	32
7	A study on pozzolanic reaction of fly ash cement paste activated by an injection of alkali solution. <i>Construction and Building Materials</i> , 2015, 94, 28-34.	7.2	30
8	Contribution of fly ash to the strength development of mortars cured at different temperatures. <i>Construction and Building Materials</i> , 2021, 276, 122191.	7.2	19
9	Effects of Shirasu natural pozzolan and limestone powder on the strength and aggressive chemical resistance of concrete. <i>Construction and Building Materials</i> , 2020, 239, 117679.	7.2	18
10	Influence of coarse aggregate shape on optimum fine to total aggregate ratio using a virtual voids-ratio diagram in concrete compaction. <i>Cement and Concrete Composites</i> , 2020, 106, 103463.	10.7	16
11	Effect of Sodium Sulfate Activator on Compressive Strength and Hydration of Fly-Ash Cement Pastes. <i>Journal of Materials in Civil Engineering</i> , 2020, 32, .	2.9	14
12	Effect of internal alkali activation on pozzolanic reaction of low-calcium fly ash cement paste. <i>Materials and Structures/Materiaux Et Constructions</i> , 2016, 49, 3039-3053.	3.1	13
13	Long-term pozzolanic reaction of fly ash in hardened cement-based paste internally activated by natural injection of saturated Ca(OH) <sub>2</sub> solution. <i>Materials and Structures/Materiaux Et Constructions</i> , 2018, 51, 1.	3.1	13
14	Alkali leaching and mechanical performance of epoxy resin-reinforced geopolymer composite. <i>Materials Letters</i> , 2021, 304, 130663.	2.6	11
15	Evaluation of the cementing efficiency factor of low-calcium fly ash for the chloride-penetration resistance of concretes: A simple approach. <i>Construction and Building Materials</i> , 2021, 270, 121858.	7.2	9
16	Penetration of Moisture, CO <sub>2</sub> , and Cl Ions in Concrete after Exposure to High Temperature. <i>Journal of Advanced Concrete Technology</i> , 2019, 17, 1-15.	1.8	8
17	Difference in Strength Development between Cement-Treated Sand and Mortar with Various Cement Types and Curing Temperatures. <i>Materials</i> , 2020, 13, 4999.	2.9	8
18	Shear Strength of Reinforced Limestone Aggregate Concrete Beams. <i>ACI Structural Journal</i> , 2017, 114, .	0.2	6

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19	INFLUENCE OF CURING TEMPERATURE CHANGE TO PERFORMANCE OF FLY ASH AS CEMENTITIOUS MATERIAL. Journal of Japan Society of Civil Engineers Ser E2 (Materials and Concrete Structures), 2011, 67, 482-492.	0.2	3
20	Effect of Internal Activation Using Porous Ceramic Aggregate on Hardness and Pore Structure of Fly Ash Cement Paste. Key Engineering Materials, 0, 711, 95-102.	0.4	3
21	Effects of chloride ion in sea sand on properties of fresh and hardened concrete incorporating supplementary cementitious materials. Journal of Sustainable Cement-Based Materials, 0, , 1-20.	3.1	2
22	EFFECT OF POROUS CERAMIC WASTE AGGREGATE ON DURABILITY OF STEAM CURED FLY ASH CONCRETE. Cement Science and Concrete Technology, 2014, 68, 337-344.	0.1	1
23	CAPTURING IN CEMENT PASTE OF HEAVY METAL ADDED WITH DIFFERENT METHODS. Cement Science and Concrete Technology, 2014, 68, 375-381.	0.1	1
24	Effect of Lime Stone Aggregate on Drying Shrinkage and Shear Strength of an RC Beam. , 2015, , .		0
25	Effects of Amounts and Moisture States of Clay-Brick Waste as Coarse Aggregate on Slump and Compressive Strength of Concrete. Lecture Notes in Civil Engineering, 2020, , 507-512.	0.4	0