

# Hamideh Mehdizadeh

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3174042/publications.pdf>

Version: 2024-02-01

13  
papers

399  
citations

933447

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1125743

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13  
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13  
docs citations

13  
times ranked

181  
citing authors

#	ARTICLE	IF	CITATIONS
1	Rheology of activated phosphorus slag with lime and alkaline salts. Cement and Concrete Research, 2018, 113, 121-129.	11.0	64
2	Rheology and apparent activation energy of alkali activated phosphorous slag. Construction and Building Materials, 2018, 171, 197-204.	7.2	55
3	Effect of particle size and CO <sub>2</sub> treatment of waste cement powder on properties of cement paste. Canadian Journal of Civil Engineering, 2021, 48, 522-531.	1.3	54
4	Effect of water-to-cement ratio induced hydration on the accelerated carbonation of cement pastes. Environmental Pollution, 2021, 280, 116914.	7.5	50
5	CO <sub>2</sub> Treatment of Hydrated Cement Powder: Characterization and Application Consideration. Journal of Materials in Civil Engineering, 2021, 33, .	2.9	46
6	Effect of direct carbonation routes of basic oxygen furnace slag (BOFS) on strength and hydration of blended cement paste. Construction and Building Materials, 2021, 304, 124628.	7.2	40
7	Impact of CO <sub>2</sub> curing on the microhardness and strength of 0.35 w/c cement paste: Comparative study of internal/surface layers. Journal of Materials Research and Technology, 2020, 9, 11849-11860.	5.8	26
8	Roles of CO <sub>2</sub> curing induced calcium carbonates on high temperature properties of dry-mixed cement paste. Construction and Building Materials, 2021, 289, 123193.	7.2	17
9	Investigating Gel Molecular Structure and Its Relation with Mechanical Strength in Geopolymer Cement Based on Natural Pozzolan Using In Situ ATR-FTIR Spectroscopy. Journal of Materials in Civil Engineering, 2017, 29, .	2.9	14
10	Modeling the influence of chemical composition on compressive strength behavior of alkali-activated phosphorus slag cement using statistical design. Canadian Journal of Civil Engineering, 2018, 45, 1073-1083.	1.3	12
11	High-temperature CO <sub>2</sub> for accelerating the carbonation of recycled concrete fines. Journal of Building Engineering, 2022, 52, 104526.	3.4	9
12	Ultra-fine sediment of Changjiang estuary as binder replacement in self-compacting mortar: Rheological, hydration and hardened properties. Journal of Building Engineering, 2021, 44, 103251.	3.4	7
13	Upcycling of waste hydrated cement paste containing high-volume supplementary cementitious materials via CO <sub>2</sub> pre-treatment. Journal of Building Engineering, 2022, 52, 104396.	3.4	5