

# 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

10  
h-index

1125743

13  
g-index

13  
all docs

13  
docs citations

13  
times ranked

181  
citing authors

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