

# Jonathan Lapeyre

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8408064/publications.pdf>

Version: 2024-02-01

7  
papers

265  
citations

1477746

6  
h-index

1719596

7  
g-index

7  
all docs

7  
docs citations

7  
times ranked

204  
citing authors

#	ARTICLE	IF	CITATIONS
1	Prediction of Compressive Strength of Concrete: Critical Comparison of Performance of a Hybrid Machine Learning Model with Standalone Models. Journal of Materials in Civil Engineering, 2019, 31, .	1.3	93
2	Influence of pozzolanic additives on hydration mechanisms of tricalcium silicate. Journal of the American Ceramic Society, 2018, 101, 3557-3574.	1.9	56
3	Elucidating the Effect of Water-To-Cement Ratio on the Hydration Mechanisms of Cement. ACS Omega, 2018, 3, 5092-5105.	1.6	49
4	Machine learning enables prompt prediction of hydration kinetics of multicomponent cementitious systems. Scientific Reports, 2021, 11, 3922.	1.6	23
5	Effect of particle size distribution of metakaolin on hydration kinetics of tricalcium silicate. Journal of the American Ceramic Society, 2019, 102, 5976-5988.	1.9	22
6	Influence of water activity on hydration of tricalcium aluminate–calcium sulfate systems. Journal of the American Ceramic Society, 2020, 103, 3851-3870.	1.9	18
7	Hydration of high-alumina calcium aluminate cements with carbonate and sulfate additives. Journal of Thermal Analysis and Calorimetry, 2022, 147, 5575-5587.	2.0	4