

# Yong Sing Ng

## List of Publications by Year in descending order

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13  
papers

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#	ARTICLE	IF	CITATIONS
1	Formulation, mechanical properties and phase analysis of fly ash geopolymer with ladle furnace slag replacement. <i>Journal of Materials Research and Technology</i> , 2021, 12, 1212-1226.	5.8	35
2	Comparative mechanical and microstructural properties of high calcium fly ash one-part geopolymers activated with Na <sub>2</sub> SiO <sub>3</sub> -anhydrous and NaAlO <sub>2</sub> . <i>Journal of Materials Research and Technology</i> , 2021, 15, 3850-3866.	5.8	26
3	Evaluation of flexural properties and characterisation of 10-mm thin geopolymer based on fly ash and ladle furnace slag. <i>Journal of Materials Research and Technology</i> , 2021, 15, 163-176.	5.8	25
4	Evaluation of the Effect of Silica Fume on Amorphous Fly Ash Geopolymers Exposed to Elevated Temperature. <i>Magnetochemistry</i> , 2021, 7, 9.	2.4	18
5	Thin fly ash/ ladle furnace slag geopolymer: Effect of elevated temperature exposure on flexural properties and morphological characteristics. <i>Ceramics International</i> , 2022, 48, 16562-16575.	4.8	16
6	Cold-pressed fly ash geopolymers: effect of formulation on mechanical and morphological characteristics. <i>Journal of Materials Research and Technology</i> , 2021, 15, 3028-3046.	5.8	15
7	Comparison of thermal performance between fly ash geopolymer and fly ash-ladle furnace slag geopolymer. <i>Journal of Non-Crystalline Solids</i> , 2022, 585, 121527.	3.1	14
8	Improvements of Flexural Properties and Thermal Performance in Thin Geopolymer Based on Fly Ash and Ladle Furnace Slag Using Borax Decahydrates. <i>Materials</i> , 2022, 15, 4178.	2.9	10
9	Effect of Solid-to-Liquid Ratio on Thin Fly Ash Geopolymer. <i>IOP Conference Series: Materials Science and Engineering</i> , 2020, 743, 012006.	0.6	4
10	Preparation of Fly Ash-Ladle Furnace Slag Blended Geopolymer Foam via Pre-Foaming Method with Polyoxyethylene Alkyether Sulphate Incorporation. <i>Materials</i> , 2022, 15, 4085.	2.9	3
11	Thermal Resistance of Fly Ash Geopolymers with Alumina as Additive. <i>Solid State Phenomena</i> , 0, 281, 182-188.	0.3	1
12	Correlation of Microstructure and Flexural Strength of Fly Ash Geopolymer of Varying Molarities. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019, 551, 012087.	0.6	0
13	Microstructural Analysis of Fly Ash-based Geopolymers with various Alkali Concentration. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019, 551, 012090.	0.6	0