

# Beomjoo Yang

## List of Publications by Year in descending order

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18  
papers

428  
citations

759233

12  
h-index

839539

18  
g-index

19  
all docs

19  
docs citations

19  
times ranked

368  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Effects of exposure temperature on the piezoresistive sensing performances of MWCNT-embedded cementitious sensor. <i>Journal of Building Engineering</i> , 2022, 47, 103816.  | 3.4  | 14        |
| 2  | Micromechanics-integrated machine learning approaches to predict the mechanical behaviors of concrete containing crushed clay brick aggregates. <i>Construction and Building Materials</i> , 2022, 317, 125840.   | 7.2  | 12        |
| 3  | Improved electromagnetic wave shielding capability of carbonyl iron powder-embedded lightweight CFRP composites. <i>Composite Structures</i> , 2022, 286, 115326.   | 5.8  | 23        |
| 4  | Effect of polymer binder on the mechanical and microstructural properties of pervious pavement materials. <i>Construction and Building Materials</i> , 2022, 325, 126209.   | 7.2  | 12        |
| 5  | Improved electromagnetic interference shielding performances of carbon nanotube and carbonyl iron powder (CNT@CIP)-embedded polymeric composites. <i>Journal of Materials Research and Technology</i> , 2022, 18, 1256-1266.  | 5.8  | 20        |
| 6  | Repetitive heating performance of MgO-activated ground granulated blast furnace slag composites containing MWCNTs. <i>Functional Composites and Structures</i> , 2021, 3, 015003.   | 3.4  | 7         |
| 7  | Mechanical and Microscopic Characteristics of Polyurethane-Based Pervious Pavement Composites. <i>Materials</i> , 2021, 14, 4365.   | 2.9  | 1         |
| 8  | Swarm intelligence integrated micromechanical model to investigate thermal conductivity of multi-walled carbon nanotube-embedded cyclic butylene terephthalate thermoplastic nanocomposites. <i>Composites Part A: Applied Science and Manufacturing</i> , 2020, 128, 105646. | 7.6  | 12        |
| 9  | Thermal behavior of alkali-activated fly ash/slag with the addition of an aerogel as an aggregate replacement. <i>Cement and Concrete Composites</i> , 2020, 106, 103462.   | 10.7 | 33        |
| 10 | Enhanced electrical and electromagnetic interference shielding properties of uniformly dispersed carbon nanotubes filled composite films via solvent-free process using ring-opening polymerization of cyclic butylene terephthalate. <i>Polymer</i> , 2020, 186, 122030.     | 3.8  | 22        |
| 11 | Synergistic Effect of MWCNT and Carbon Fiber Hybrid Fillers on Electrical and Mechanical Properties of Alkali-Activated Slag Composites. <i>Crystals</i> , 2020, 10, 1139.  | 2.2  | 11        |
| 12 | Environmentally benign production of one-part alkali-activated slag with calcined oyster shell as an activator. <i>Construction and Building Materials</i> , 2020, 257, 119552.   | 7.2  | 32        |
| 13 | Light-Induced Transport of Water and Guest Molecules in Mesoporous Silica Nanocontainer Interface. <i>Macromolecular Research</i> , 2020, 28, 650-652.  | 2.4  | 1         |
| 14 | Hydration kinetics and products of MgO-activated blast furnace slag. <i>Construction and Building Materials</i> , 2020, 249, 118700.  | 7.2  | 46        |
| 15 | Carbon nanotube (CNT) incorporated cementitious composites for functional construction materials: The state of the art. <i>Composite Structures</i> , 2019, 227, 111244.  | 5.8  | 95        |
| 16 | Comprehensive study of effects of filler length on mechanical, electrical, and thermal properties of multi-walled carbon nanotube/polyamide 6 composites. <i>Composites Part A: Applied Science and Manufacturing</i> , 2019, 125, 105542.                                    | 7.6  | 26        |
| 17 | Enhanced mechanical and thermal properties of carbon fiber-reinforced thermoplastic polyketone composites. <i>Composites Part A: Applied Science and Manufacturing</i> , 2019, 126, 105599.   | 7.6  | 26        |
| 18 | Flexible and coatable insulating silica aerogel/polyurethane composites via soft segment control. <i>Composites Science and Technology</i> , 2019, 171, 244-251.  | 7.8  | 35        |