

# Nanqiao You

## List of Publications by Year in descending order

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Version: 2024-02-01

30  
papers

596  
citations

758635

12  
h-index

610482

24  
g-index

30  
all docs

30  
docs citations

30  
times ranked

404  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Influence of particle size on the reactivity of chemical modified steel slag powder. <i>Journal of Sustainable Cement-Based Materials</i> , 2023, 12, 62-70.  | 1.7 | 3         |
| 2  | Insights into the microstructure and mechanical properties evolution of hydration products in cementitious materials incorporating GGBFS. <i>Journal of Sustainable Cement-Based Materials</i> , 2023, 12, 403-414. | 1.7 | 3         |
| 3  | Wave amplitude of embedded ultrasonic transducer-based damage monitoring of concrete due to steel bar corrosion. <i>Structural Health Monitoring</i> , 2022, 21, 1694-1709.   | 4.3 | 4         |
| 4  | Systematical investigation of rheological performance regarding 3D printing process for alkali-activated materials: Effect of precursor nature. <i>Cement and Concrete Composites</i> , 2022, 128, 104450.          | 4.6 | 13        |
| 5  | Effect of Predrying Temperature on Carbonation of Alkali-Activated Slag Pastes. <i>Journal of Materials in Civil Engineering</i> , 2022, 34, .  | 1.3 | 1         |
| 6  | Surface etching and early age hydration mechanisms of steel slag powder with formic acid. <i>Construction and Building Materials</i> , 2021, 280, 122500.   | 3.2 | 35        |
| 7  | Morphological and mineralogical insights into acetic acid modifying and hydraulic process on steel slag for enhanced reactivity. <i>Construction and Building Materials</i> , 2021, 307, 125004.                    | 3.2 | 10        |
| 8  | Properties of dredged sludge solidified with alkali-activated slag-based materials and blended with copper slag as fine aggregates of mortars. <i>Construction and Building Materials</i> , 2021, 312, 125459.      | 3.2 | 12        |
| 9  | Mechanism and mitigation of spontaneous Ga whisker growth on Cr <sub>2</sub> GaC. <i>Science China Technological Sciences</i> , 2020, 63, 440-445.  | 2.0 | 9         |
| 10 | Corrosion behaviour of low-carbon steel reinforcement in alkali-activated slag-steel slag and Portland cement-based mortars under simulated marine environment. <i>Corrosion Science</i> , 2020, 175, 108874.       | 3.0 | 46        |
| 11 | Hydration and soundness properties of phosphoric acid modified steel slag powder. <i>Construction and Building Materials</i> , 2020, 254, 119319.   | 3.2 | 49        |
| 12 | Rheology, shrinkage and pore structure of alkali-activated slag-fly ash mortar incorporating copper slag as fine aggregate. <i>Construction and Building Materials</i> , 2020, 242, 118029.                         | 3.2 | 41        |
| 13 | Ultrasonic Monitoring of Crack Propagation of Notched Concretes Using Embedded Piezo-electric Transducers. <i>Journal of Advanced Concrete Technology</i> , 2019, 17, 449-461.                                      | 0.8 | 11        |
| 14 | Slip casting and pressureless sintering of Ti <sub>3</sub> AlC <sub>2</sub> . <i>Journal of Advanced Ceramics</i> , 2019, 8, 367-376.   | 8.9 | 36        |
| 15 | Preparation and Properties of Wall Coatings with Calcined Shell Powder as Fillers. <i>Materials</i> , 2019, 12, 2213.   | 1.3 | 1         |
| 16 | Products and properties of steam cured cement mortar containing lithium slag under partial immersion in sulfate solution. <i>Construction and Building Materials</i> , 2019, 220, 596-606.                          | 3.2 | 37        |
| 17 | The influence of steel slag and ferronickel slag on the properties of alkali-activated slag mortar. <i>Construction and Building Materials</i> , 2019, 227, 116614.   | 3.2 | 83        |
| 18 | Preparation and arc erosion properties of Ag/Ti <sub>2</sub> SnC composites under electric arc discharging. <i>Journal of Advanced Ceramics</i> , 2019, 8, 90-101.  | 8.9 | 29        |

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|----|--|-----|-----------|
| 19 | Sulfate resistance and hydration products of steam cured steel slag blended cement mortar under dry-wet cycle. <i>Journal of Sustainable Cement-Based Materials</i> , 2019, 8, 353-366.                                | 1.7 | 6         |
| 20 | Properties of alkali-activated ground granulated blast furnace slag blended with ferronickel slag. <i>Construction and Building Materials</i> , 2018, 192, 123-132.  | 3.2 | 54        |
| 21 | Preparation and properties of epoxy/basalt flakes anticorrosive coatings. <i>Materials and Corrosion - Werkstoffe Und Korrosion</i> , 2018, 69, 1669-1675.   | 0.8 | 14        |
| 22 | The influence of N content on structure, phase stability, elastic and electronic properties in $Ti_3AlC_2$ ( $x=0-2$ ). <i>Physica Status Solidi (B): Basic Research</i> , 2017, 254, 1700009.                         | 0.4 | 10        |
| 23 | Quantitative characterization and elastic properties of interfacial transition zone around coarse aggregate in concrete. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , 2017, 32, 838-844. | 0.4 | 19        |
| 24 | Initiation of single-part epoxy in cementitious system-II. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , 2016, 31, 1043-1047.   | 0.4 | 6         |
| 25 | Initiation of single-part epoxy in cementitious system. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , 2016, 31, 713-716.  | 0.4 | 0         |
| 26 | Mutual interaction relationship in polymer modified cementitious system. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , 2015, 30, 122-128.   | 0.4 | 2         |
| 27 | Organic additive implantation onto cement hydration products. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , 2014, 29, 527-533.  | 0.4 | 5         |
| 28 | On Equilibrium Ga Intergranular Films in $Cr_2GaC$ . <i>Materials Research Letters</i> , 2013, 1, 109-113.   | 4.1 | 10        |
| 29 | Investigation into the Fatigue Damage Process of Rubberized Concrete and Plain Concrete by AE Analysis. <i>Journal of Materials in Civil Engineering</i> , 2011, 23, 953-960.  | 1.3 | 44        |
| 30 | Investigation of the leaching behavior of mortar pipe lining in drinking water. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , 2010, 25, 893-896.  | 0.4 | 3         |