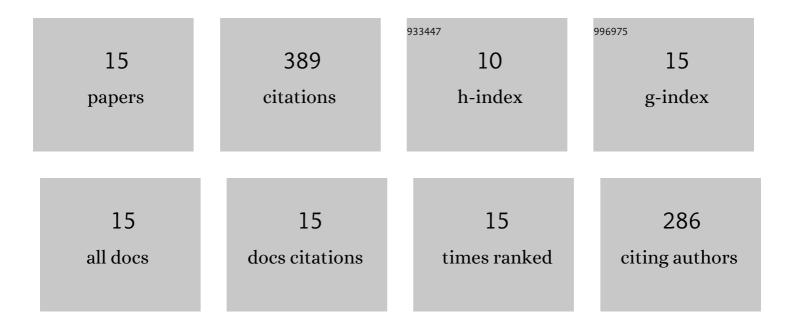


List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/2954625/publications.pdf Version: 2024-02-01



WEILU

| # | Article | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Novel sodium silicate/polymer composite gels for the prevention of spontaneous combustion of coal. Journal of Hazardous Materials, 2019, 371, 643-654. | 12.4 | 160 |
| 2 | Mechanism of Gas Generation during Low-Temperature Oxidation of Coal and Model Compounds. Energy & Fuels, 2019, 33, 1527-1539. | 5.1 | 59 |
| 3 | Poly(acrylic acid)â€chitosan @ tannic acid doubleâ€network selfâ€healing hydrogel based on ionic coordination. Polymers for Advanced Technologies, 2020, 31, 1648-1660. | 3.2 | 26 |
| 4 | A Novel Doubleâ€Network, Selfâ€Healing Hydrogel Based on Hydrogen Bonding and Hydrophobic Effect. Macromolecular Chemistry and Physics, 2020, 221, 1900320. | 2.2 | 25 |
| 5 | Two-component polyurethane healing system: Effect of different accelerators and capsules on the healing efficiency of dynamic concrete cracks. Construction and Building Materials, 2019, 227, 116700. | 7.2 | 23 |
| 6 | Study on Adiabatic Oxidation Characters of Coal with Applying a Constant Temperature Difference To Guide the Oxidation of Coal with Temperature Rising. Energy & Fuels, 2017, 31, 882-890. | 5.1 | 16 |
| 7 | A Method for Predicting Coal Temperature Using CO with GA-SVR Model for Early Warning of the Spontaneous Combustion of Coal. Combustion Science and Technology, 2022, 194, 523-538. | 2.3 | 15 |
| 8 | Thermal Decomposition Model and Its Reaction Kinetic Parameters for Coal Smoldering with the Use of TG Tests in Oxygen-depleted Air. Combustion Science and Technology, 2021, 193, 1154-1172. | 2.3 | 13 |
| 9 | Optimized synthesis of isocyanate microcapsules for self-healing application in epoxy composites. High Performance Polymers, 2020, 32, 669-680. | 1.8 | 12 |
| 10 | Preparation and properties of cellulosenanofiber (CNF) /polyvinyl alcohol (PVA) /graphene oxide (GO): Application of CO2 absorption capacity and molecular dynamics simulation. Journal of Environmental Management, 2022, 302, 114044. | 7.8 | 11 |
| 11 | Effect of Pipe Diameter and Inlet Parameters on Liquid CO2 Flow in Transportation by Pipeline with Large Height Difference. Processes, 2019, 7, 756. | 2.8 | 10 |
| 12 | Facile and efficient isocyanate microencapsulation via SDBS/PVP synergetic emulsion. Journal of Applied Polymer Science, 2019, 136, 48045. | 2.6 | 7 |
| 13 | Study on Thermokinetic Parameters of Coal-oxygen Reaction Path with Constant Temperature Difference Guiding Method. Combustion Science and Technology, 2022, 194, 2163-2185. | 2.3 | 5 |
| 14 | Crosslink density and mechanical property evolution during the curing of polyurethane-urea/sodium silicate hybrid composites. High Performance Polymers, 2022, 34, 66-76. | 1.8 | 4 |
| 15 | Mechanism confirmation of organofunctional silanes modified sodium silicate/polyurethane composites for remarkably enhanced mechanical properties. Scientific Reports, 2021, 11, 9407. | 3.3 | 3 |