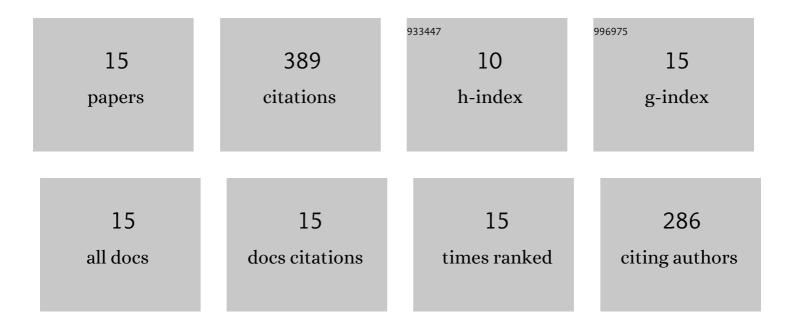


List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	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
2	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
3	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
4	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
5	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
6	Mechanism confirmation of organofunctional silanes modified sodium silicate/polyurethane composites for remarkably enhanced mechanical properties. Scientific Reports, 2021, 11, 9407.	3.3	3
7	Optimized synthesis of isocyanate microcapsules for self-healing application in epoxy composites. High Performance Polymers, 2020, 32, 669-680.	1.8	12
8	A Novel Doubleâ€Network, Selfâ€Healing Hydrogel Based on Hydrogen Bonding and Hydrophobic Effect. Macromolecular Chemistry and Physics, 2020, 221, 1900320.	2.2	25
9	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
10	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
11	Mechanism of Gas Generation during Low-Temperature Oxidation of Coal and Model Compounds. Energy & Fuels, 2019, 33, 1527-1539.	5.1	59
12	Facile and efficient isocyanate microencapsulation via SDBS/PVP synergetic emulsion. Journal of Applied Polymer Science, 2019, 136, 48045.	2.6	7
13	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
14	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
15	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