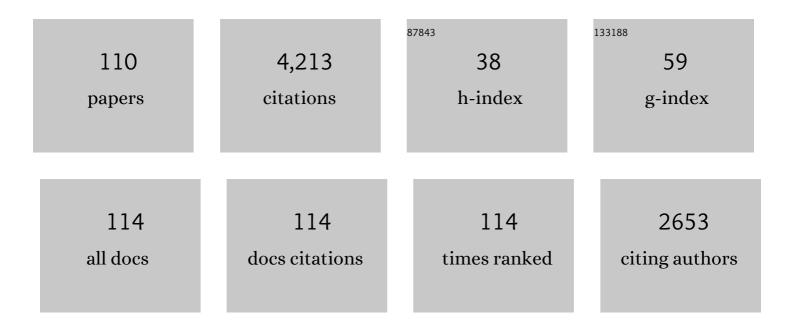
## Lunbo Duan

List of Publications by Year in descending order

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| #  | Article                                                                                                                                                                                                                              | IF   | CITATIONS |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 1  | Capturing CO2 in flue gas from fossil fuel-fired power plants using dry regenerable alkali metal-based sorbent. Progress in Energy and Combustion Science, 2013, 39, 515-534.                                                        | 15.8 | 179       |
| 2  | Investigation on Coal Pyrolysis in CO <sub>2</sub> Atmosphere. Energy & Fuels, 2009, 23, 3826-3830.                                                                                                                                  | 2.5  | 139       |
| 3  | Coal combustion characteristics on an oxy-fuel circulating fluidized bed combustor with warm flue gas recycle. Fuel, 2014, 127, 47-51.                                                                                               | 3.4  | 123       |
| 4  | Modified CaO-based sorbent looping cycle for CO2 mitigation. Fuel, 2009, 88, 697-704.                                                                                                                                                | 3.4  | 120       |
| 5  | NO and N2O precursors (NH3 and HCN) from biomass pyrolysis: Co-pyrolysis of amino acids and cellulose, hemicellulose and lignin. Proceedings of the Combustion Institute, 2011, 33, 1715-1722.                                       | 2.4  | 120       |
| 6  | Integrating phytoremediation with biomass valorisation and critical element recovery: A UK contaminated land perspective. Biomass and Bioenergy, 2015, 83, 328-339.                                                                  | 2.9  | 118       |
| 7  | Review on the Development of Sorbents for Calcium Looping. Energy & Fuels, 2020, 34, 7806-7836.                                                                                                                                      | 2.5  | 117       |
| 8  | Accurate Control of Cage-Like CaO Hollow Microspheres for Enhanced CO <sub>2</sub> Capture in<br>Calcium Looping via a Template-Assisted Synthesis Approach. Environmental Science & Technology,<br>2019, 53, 2249-2259.             | 4.6  | 109       |
| 9  | Cyclic calcination/carbonation looping of dolomite modified with acetic acid for CO2 capture. Fuel Processing Technology, 2008, 89, 1461-1469.                                                                                       | 3.7  | 99        |
| 10 | NO emission during co-firing coal and biomass in an oxy-fuel circulating fluidized bed combustor.<br>Fuel, 2015, 150, 8-13.                                                                                                          | 3.4  | 90        |
| 11 | Improvement of H2-rich gas production with tar abatement from pine wood conversion over bi-functional Ca2Fe2O5 catalyst: Investigation of inner-looping redox reaction and promoting mechanisms. Applied Energy, 2018, 212, 931-943. | 5.1  | 89        |
| 12 | Observation of simultaneously low CO, NOx and SO2 emission during oxy-coal combustion in a pressurized fluidized bed. Fuel, 2019, 242, 374-381.                                                                                      | 3.4  | 87        |
| 13 | CO2 capture performance of calcium-based synthetic sorbent with hollow core-shell structure under calcium looping conditions. Applied Energy, 2018, 225, 402-412.                                                                    | 5.1  | 84        |
| 14 | Effect of rice husk ash addition on CO2 capture behavior of calcium-based sorbent during calcium looping cycle. Fuel Processing Technology, 2009, 90, 825-834.                                                                       | 3.7  | 83        |
| 15 | Cyclic CO2 capture behavior of KMnO4-doped CaO-based sorbent. Fuel, 2010, 89, 642-649.                                                                                                                                               | 3.4  | 83        |
| 16 | O2/CO2 coal combustion characteristics in a 50 kWth circulating fluidized bed. International Journal of Greenhouse Gas Control, 2011, 5, 770-776.                                                                                    | 2.3  | 79        |
| 17 | Effects of operation parameters on NO emission in an oxy-fired CFB combustor. Fuel Processing Technology, 2011, 92, 379-384.                                                                                                         | 3.7  | 75        |
| 18 | Pressurized oxy-fuel combustion characteristics of single coal particle in a visualized fluidized bed combustor. Combustion and Flame, 2020, 211, 218-228.                                                                           | 2.8  | 69        |

| #  | Article                                                                                                                                                                                                                                                                        | IF   | CITATIONS |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 19 | From waste to high value utilization of spent bleaching clay in synthesizing high-performance calcium-based sorbent for CO2 capture. Applied Energy, 2018, 210, 117-126.                                                                                                       | 5.1  | 67        |
| 20 | Nitrogen and sulfur conversion during pressurized pyrolysis under CO 2 atmosphere in fluidized bed.<br>Fuel, 2017, 189, 98-106.                                                                                                                                                | 3.4  | 66        |
| 21 | Self-activated, nanostructured composite for improved CaL-CLC technology. Chemical Engineering<br>Journal, 2018, 351, 1038-1046.                                                                                                                                               | 6.6  | 63        |
| 22 | Microemulsion-derived, nanostructured CaO/CuO composites with controllable particle grain size to<br>enhance cyclic CO2 capture performance for combined Ca/Cu looping process. Chemical Engineering<br>Journal, 2020, 393, 124716.                                            | 6.6  | 60        |
| 23 | CaO/Ca(OH)2 thermochemical heat storage of carbide slag from calcium looping cycles for CO2 capture. Energy Conversion and Management, 2018, 174, 8-19.                                                                                                                        | 4.4  | 57        |
| 24 | Chemical looping oxidative steam reforming of methanol: A new pathway for auto-thermal conversion. Applied Catalysis B: Environmental, 2020, 269, 118758.                                                                                                                      | 10.8 | 57        |
| 25 | Optical Sectioning Tomographic Reconstruction of Three-Dimensional Flame Temperature Distribution<br>Using Single Light Field Camera. IEEE Sensors Journal, 2018, 18, 528-539.                                                                                                 | 2.4  | 56        |
| 26 | A facile one-pot synthesis of CaO/CuO hollow microspheres featuring highly porous shells for<br>enhanced CO <sub>2</sub> capture in a combined Ca–Cu looping process <i>via</i> a template-free<br>synthesis approach. Journal of Materials Chemistry A, 2019, 7, 21096-21105. | 5.2  | 56        |
| 27 | CFD modeling of oxy-coal combustion in circulating fluidized bed. International Journal of<br>Greenhouse Gas Control, 2011, 5, 1489-1497.                                                                                                                                      | 2.3  | 51        |
| 28 | CO2 capture performance of CaO modified with by-product of biodiesel at calcium looping conditions. Chemical Engineering Journal, 2017, 326, 378-388.                                                                                                                          | 6.6  | 51        |
| 29 | CO2 capture efficiency and energy requirement analysis of power plant using modified calcium-based sorbent looping cycle. Energy, 2011, 36, 1590-1598.                                                                                                                         | 4.5  | 49        |
| 30 | Investigation on water vapor effect on direct sulfation during wet-recycle oxy-coal combustion.<br>Applied Energy, 2013, 108, 121-127.                                                                                                                                         | 5.1  | 49        |
| 31 | Enhanced CO 2 capture capacity of limestone by discontinuous addition of hydrogen chloride in carbonation at calcium looping conditions. Chemical Engineering Journal, 2017, 316, 438-448.                                                                                     | 6.6  | 48        |
| 32 | NO precursors evolution during coal heating process in CO2 atmosphere. Fuel, 2011, 90, 1668-1673.                                                                                                                                                                              | 3.4  | 47        |
| 33 | CO2 capture performance of a novel synthetic CaO/sepiolite sorbent at calcium looping conditions.<br>Applied Energy, 2017, 203, 412-421.                                                                                                                                       | 5.1  | 47        |
| 34 | CO <sub>2</sub> Capture Performance of Mesoporous Synthetic Sorbent Fabricated Using Carbide<br>Slag under Realistic Calcium Looping Conditions. Energy & Fuels, 2017, 31, 7299-7308.                                                                                          | 2.5  | 47        |
| 35 | Sulfur evolution from coal combustion in O2/CO2 mixture. Journal of Analytical and Applied Pyrolysis, 2009, 86, 269-273.                                                                                                                                                       | 2.6  | 44        |
| 36 | Three-dimensional CFD simulation of oxy-fuel combustion in a circulating fluidized bed with warm flue gas recycle. Fuel, 2018, 216, 596-611.                                                                                                                                   | 3.4  | 43        |

| #  | Article                                                                                                                                                                                                                                                  | IF  | CITATIONS |
|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 37 | Synergistic enhancement of chemical looping-based CO <sub>2</sub> splitting with biomass cascade<br>utilization using cyclic stabilized Ca <sub>2</sub> Fe <sub>2</sub> O <sub>5</sub> aerogel. Journal of<br>Materials Chemistry A, 2019, 7, 1216-1226. | 5.2 | 43        |
| 38 | Enhancement of reactivity in surfactant-modified sorbent for CO2 capture in pressurized carbonation. Fuel Processing Technology, 2011, 92, 493-499.                                                                                                      | 3.7 | 41        |
| 39 | Fly ash recirculation by bottom feeding on a circulating fluidized bed boiler co-burning coal sludge and coal. Applied Energy, 2012, 95, 295-299.                                                                                                        | 5.1 | 37        |
| 40 | Effect of SO <sub>2</sub> and steam on CO <sub>2</sub> capture performance of biomass-templated calcium aluminate pellets. Faraday Discussions, 2016, 192, 97-111.                                                                                       | 1.6 | 36        |
| 41 | Flow characteristics in pressurized oxy-fuel fluidized bed under hot condition. International Journal of Multiphase Flow, 2018, 108, 1-10.                                                                                                               | 1.6 | 36        |
| 42 | Solid–gaseous phase transformation of elemental contaminants during the gasification of biomass.<br>Science of the Total Environment, 2016, 563-564, 724-730.                                                                                            | 3.9 | 35        |
| 43 | Fundamental study on fuel-staged oxy-fuel fluidized bed combustion. Combustion and Flame, 2019, 206, 227-238.                                                                                                                                            | 2.8 | 35        |
| 44 | Arsenic transformation behaviour during thermal decomposition of P. vittata, an arsenic hyperaccumulator. Journal of Analytical and Applied Pyrolysis, 2017, 124, 584-591.                                                                               | 2.6 | 34        |
| 45 | Effect of Water Vapor on Indirect Sulfation during Oxy-fuel Combustion. Energy & Fuels, 2013, 27, 1506-1512.                                                                                                                                             | 2.5 | 33        |
| 46 | CO <sub>2</sub> Capture Performance Using Biomass-Templated Cement-Supported Limestone Pellets.<br>Industrial & Engineering Chemistry Research, 2016, 55, 10294-10300.                                                                                   | 1.8 | 33        |
| 47 | Combustion characteristics of lignite char in a fluidized bed under O2/N2, O2/CO2 and O2/H2O atmospheres. Fuel Processing Technology, 2019, 186, 8-17.                                                                                                   | 3.7 | 33        |
| 48 | A calcium looping process for simultaneous CO2 capture and peak shaving in a coal-fired power plant.<br>Applied Energy, 2019, 235, 480-486.                                                                                                              | 5.1 | 33        |
| 49 | Assessment of the Effect of Process Conditions and Material Characteristics of Alkali Metal Salt<br>Promoted MgO-Based Sorbents on Their CO <sub>2</sub> Capture Performance. ACS Sustainable<br>Chemistry and Engineering, 2021, 9, 6659-6672.          | 3.2 | 32        |
| 50 | NO formation during agricultural straw combustion. Bioresource Technology, 2011, 102, 7211-7217.                                                                                                                                                         | 4.8 | 31        |
| 51 | Ignition and volatile combustion behaviors of a single lignite particle in a fluidized bed under O2/H2O condition. Proceedings of the Combustion Institute, 2019, 37, 4451-4459.                                                                         | 2.4 | 31        |
| 52 | Experimental study of a single char particle combustion characteristics in a fluidized bed under O2/H2O condition. Chemical Engineering Journal, 2020, 382, 122942.                                                                                      | 6.6 | 31        |
| 53 | A simulation study of coal combustion under O2/CO2 and O2/RFG atmospheres in circulating fluidized bed. Chemical Engineering Journal, 2013, 223, 816-823.                                                                                                | 6.6 | 30        |
| 54 | Partitioning of trace elements, As, Ba, Cd, Cr, Cu, Mn and Pb, in a 2.5 MWth pilot-scale circulating<br>fluidised bed combustor burning an anthracite and a bituminous coal. Fuel Processing Technology,<br>2016, 146, 1-8.                              | 3.7 | 30        |

Lunbo Duan

| #  | Article                                                                                                                                                                                  | IF  | CITATIONS |
|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 55 | Catalysts of Ordered Mesoporous Alumina with a Large Pore Size for Low-Temperature Hydrolysis of<br>Carbonyl Sulfide. Energy & Fuels, 2021, 35, 8895-8908.                               | 2.5 | 30        |
| 56 | Sulfur trioxide formation/emissions in coalâ€fired air―and oxyâ€fuel combustion processes: a review. ,<br>2018, 8, 402-428.                                                              |     | 29        |
| 57 | Attrition behavior of calcium-based waste during CO2 capture cycles using calcium looping in a fluidized bed reactor. Chemical Engineering Research and Design, 2016, 109, 806-815.      | 2.7 | 28        |
| 58 | Metal-oxide stabilized CaO/CuO composites for the integrated Ca/Cu looping process. Chemical Engineering Journal, 2021, 403, 126330.                                                     | 6.6 | 28        |
| 59 | Partitioning behavior of Arsenic in circulating fluidized bed boilers co-firing petroleum coke and coal. Fuel Processing Technology, 2017, 166, 107-114.                                 | 3.7 | 27        |
| 60 | SO3 formation under oxy-CFB combustion conditions. International Journal of Greenhouse Gas Control, 2015, 43, 172-178.                                                                   | 2.3 | 25        |
| 61 | Explaining steamâ€enhanced carbonation of CaO based on first principles. , 2018, 8, 1110-1123.                                                                                           |     | 25        |
| 62 | Ash deposition during pressurized oxy-fuel combustion of Zhundong coal in a lab-scale fluidized bed.<br>Fuel Processing Technology, 2020, 204, 106411.                                   | 3.7 | 25        |
| 63 | Particulate matter formation mechanism during pressurized air-and oxy-coal combustion in a 10kWth fluidized bed. Fuel Processing Technology, 2022, 225, 107064.                          | 3.7 | 25        |
| 64 | SO3 formation and the effect of fly ash in a bubbling fluidised bed under oxy-fuel combustion conditions. Fuel Processing Technology, 2017, 167, 314-321.                                | 3.7 | 24        |
| 65 | Migration and emission of mercury from circulating fluidized bed boilers co-firing petroleum coke and coal. Fuel, 2018, 215, 638-646.                                                    | 3.4 | 24        |
| 66 | Effect of re-carbonation on CO 2 capture by carbide slag and energy consumption in the calciner.<br>Energy Conversion and Management, 2017, 148, 1468-1477.                              | 4.4 | 22        |
| 67 | Mechanism of steamâ€declined sulfation and steamâ€enhanced carbonation by DFT calculations. , 2020, 10, 472-483.                                                                         |     | 22        |
| 68 | Effect of CO2 and H2O on lignite char structure and reactivity in a fluidized bed reactor. Fuel<br>Processing Technology, 2021, 211, 106564.                                             | 3.7 | 22        |
| 69 | Chemical looping co-conversion of CH4 and CO2 using Fe2O3/Al2O3 pellets as both oxygen carrier and catalyst in a fluidized bed reactor. Chemical Engineering Journal, 2022, 428, 132133. | 6.6 | 22        |
| 70 | Attrition Study of Cement-Supported Biomass-Activated Calcium Sorbents for CO <sub>2</sub><br>Capture. Industrial & Engineering Chemistry Research, 2016, 55, 9476-9484.                 | 1.8 | 21        |
| 71 | Sulfur fate during bituminous coal combustion in an oxy-fired circulating fluidized bed combustor.<br>Korean Journal of Chemical Engineering, 2011, 28, 1952-1955.                       | 1.2 | 20        |
| 72 | Numerical simulation of circulating fluidized bed oxy-fuel combustion with Dense Discrete Phase<br>Model. Fuel Processing Technology, 2019, 195, 106129.                                 | 3.7 | 20        |

| #  | Article                                                                                                                                                                                                              | IF  | CITATIONS |
|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 73 | Solar–Wind–Bio Ecosystem for Biomass Cascade Utilization with Multigeneration of Formic Acid,<br>Hydrogen, and Graphene. ACS Sustainable Chemistry and Engineering, 2019, 7, 2558-2568.                              | 3.2 | 19        |
| 74 | Effect of steam hydration on reactivity and strength of cementâ€supported calcium sorbents for CO <sub>2</sub> capture. , 2017, 7, 915-926.                                                                          |     | 18        |
| 75 | A kinetic study on lignite char gasification with CO2 and H2O in a fluidized bed reactor. Applied Thermal Engineering, 2019, 147, 602-609.                                                                           | 3.0 | 18        |
| 76 | Flame spray pyrolysis synthesized CuO–CeO2 composite for catalytic combustion of C3H6. Proceedings of the Combustion Institute, 2021, 38, 6513-6520.                                                                 | 2.4 | 18        |
| 77 | Cyclic Oxygen Release Characteristics of Bifunctional Copper Oxide/Calcium Oxide Composites. Energy<br>Technology, 2016, 4, 1171-1178.                                                                               | 1.8 | 17        |
| 78 | HCl removal performance of Mg-stabilized carbide slag from carbonation/calcination cycles for CO2 capture. RSC Advances, 2016, 6, 104303-104310.                                                                     | 1.7 | 15        |
| 79 | Movement and mixing behavior of a single biomass particle during combustion in a hot fluidized bed combustor. Powder Technology, 2020, 370, 88-95.                                                                   | 2.1 | 15        |
| 80 | Sulfur Enrichment in Particulate Matter Generated from a Lab-Scale Pressurized Fluidized Bed<br>Combustor. Energy & Fuels, 2019, 33, 603-611.                                                                        | 2.5 | 14        |
| 81 | Pressurized oxy-fuel combustion of a char particle in the fluidized bed combustor. Proceedings of the Combustion Institute, 2021, 38, 5485-5492.                                                                     | 2.4 | 14        |
| 82 | Particulate matter formation during shoe manufacturing waste combustion in a full-scale CFB boiler.<br>Fuel Processing Technology, 2021, 221, 106914.                                                                | 3.7 | 14        |
| 83 | Particulate Matter Formation and Alkali and Alkaline Earth Metal Partitioning in a Pressurized<br>Oxy-fuel Fluidized-Bed Combustor. Energy & Fuels, 2019, 33, 10895-10903.                                           | 2.5 | 13        |
| 84 | Copper-based oxygen carriers supported with alumina/lime for the chemical looping conversion of gaseous fuels. Journal of Energy Chemistry, 2017, 26, 891-901.                                                       | 7.1 | 11        |
| 85 | Effects of Air Pollution Control Devices on the Chlorine Emission from 410 t/h Circulating Fluidized<br>Bed Boilers Co-firing Petroleum Coke and Coal. Energy & Fuels, 2018, 32, 4410-4416.                          | 2.5 | 11        |
| 86 | Experimental study on in-situ denitration using catalyst in fluidized bed reactor. Fuel Processing<br>Technology, 2021, 216, 106742.                                                                                 | 3.7 | 11        |
| 87 | Combustion Characteristics and Pollutants in the Flue Gas During Shoe Manufacturing Waste<br>Combustion in a 2.5ÂMWth Pilot-Scale Circulating Fluidized Bed. Waste and Biomass Valorization, 2020,<br>11, 1603-1614. | 1.8 | 9         |
| 88 | An investigation on the heat transfer model for immersed horizontal tube bundles in a pressurized fluidized bed. Applied Thermal Engineering, 2020, 170, 115035.                                                     | 3.0 | 9         |
| 89 | Movement and combustion characteristics of densified rice hull pellets in a fluidized bed combustor at elevated pressures. Fuel, 2021, 294, 120421.                                                                  | 3.4 | 9         |
| 90 | Emission properties of PM2.5 derived from CFB under O2/CO2 atmosphere. Proceedings of the Combustion Institute, 2011, 33, 2829-2835.                                                                                 | 2.4 | 8         |

| #   | Article                                                                                                                                                                                                           | IF  | CITATIONS |
|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 91  | Experimental and kinetic study of thermal decomposition behaviour of phytoremediation derived Pteris vittata. Journal of Thermal Analysis and Calorimetry, 2017, 128, 1207-1216.                                  | 2.0 | 8         |
| 92  | CO <sub>2</sub> capture and attrition performance of competitive ecoâ€friendly calciumâ€based pellets in fluidized bed. , 2018, 8, 1124-1133.                                                                     |     | 8         |
| 93  | Thermal radiation characteristics in dilute phase region of the oxy-fuel combustion pressurized fluidized bed. Applied Thermal Engineering, 2020, 179, 115659.                                                    | 3.0 | 8         |
| 94  | Bed-to-tube heat transfer characteristics with an immersed horizontal tube in the pressurized<br>fluidized bed at high temperature. International Communications in Heat and Mass Transfer, 2021, 124,<br>105270. | 2.9 | 8         |
| 95  | Human health risk identification of petrochemical sites based on extreme gradient boosting.<br>Ecotoxicology and Environmental Safety, 2022, 233, 113332.                                                         | 2.9 | 8         |
| 96  | A Hydrodynamic Study of a Fastâ€Bed Dual Circulating Fluidized Bed for Chemical Looping Combustion.<br>Energy Technology, 2016, 4, 1254-1262.                                                                     | 1.8 | 7         |
| 97  | The Gas Interchange between Bubble and Emulsion Phases in a Pressurized Fluidized Bed by<br>Computational Fluid Dynamics Simulations. Industrial & Engineering Chemistry Research, 2021, 60,<br>4142-4152.        | 1.8 | 7         |
| 98  | Carbonation kinetics of flyâ€ashâ€modified calciumâ€based sorbents for CO <sub>2</sub> capture. , 2018, 8,<br>292-308.                                                                                            |     | 6         |
| 99  | Ash deposition mechanism of shoe manufacturing waste combustion in a full-scale CFB boiler. Fuel<br>Processing Technology, 2021, 221, 106948.                                                                     | 3.7 | 6         |
| 100 | Latest research progress on food waste management: a comprehensive review. IOP Conference Series:<br>Earth and Environmental Science, 2018, 153, 062043.                                                          | 0.2 | 4         |
| 101 | Synergistic Removal of SOx and NOx in CO2 Compression and Purification in Oxy-Fuel Combustion Power Plant. Energy & amp; Fuels, 2019, 33, 12621-12627.                                                            | 2.5 | 4         |
| 102 | A GPU-based line-by-line method for thermal radiation transfer of H2O, CO2, and H2O/CO2 mixture.<br>Applied Thermal Engineering, 2020, 167, 114799.                                                               | 3.0 | 4         |
| 103 | Heat transfer characteristics of horizontal tubes in the dilute phase of the pressurized fluidized bed.<br>International Communications in Heat and Mass Transfer, 2021, 126, 105370.                             | 2.9 | 4         |
| 104 | Accelerated syngas generation from chemical looping CH4 reforming by using reduced ilmenite ore as catalyst. Fuel Processing Technology, 2022, 232, 107270.                                                       | 3.7 | 4         |
| 105 | Oxygen uncoupling behaviour for ilmenite ore oxygen carrier generated from a calcination treatment<br>mixed with natural manganese ore. Canadian Journal of Chemical Engineering, 2023, 101, 805-818.             | 0.9 | 3         |
| 106 | Chemical Characteristics of Ash Formed from the Combustion of Shoe Manufacturing Waste in a 2.5<br>MWth Circulating Fluidized Bed Combustor. Waste and Biomass Valorization, 2020, 11, 4551-4560.                 | 1.8 | 2         |
| 107 | Radiative property model for non-gray particle based on dependent scattering. Powder Technology,<br>2021, 394, 863-878.                                                                                           | 2.1 | 2         |
| 108 | Gasification Decoupling during Pressurized Oxy-Coal Combustion by the Isotope Tracer Method.<br>Energy & Fuels, 2022, 36, 3239-3246.                                                                              | 2.5 | 2         |

| #   | Article                                                                                                                                                                                  | IF  | CITATIONS |
|-----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 109 | Radiative heat transfer in splash and dilution zones of the pressurized oxy-fuel combustion CFB considering particle-dependent scattering. Advanced Powder Technology, 2022, 33, 103697. | 2.0 | 1         |
| 110 | Heat Transfer Characteristics in the Dense Phase Region of a Pressurized Fluidized Bed. Journal of<br>Chemical Engineering of Japan, 2020, 53, 516-525.                                  | 0.3 | 0         |