

Roberta Pacciani

List of Publications by Year in descending order

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Version: 2024-02-01

7
papers

676
citations

1478505

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times ranked

719
citing authors

| # | ARTICLE | IF | CITATIONS |
|---|---|-----|-----------|
| 1 | Ca-Based CO ₂ Sorbents: From Fundamentals to the Development of New, Highly Effective Materials. <i>ChemSusChem</i> , 2013, 6, 1130-1148. | 6.8 | 287 |
| 2 | The Effects of Repeated Cycles of Calcination and Carbonation on a Variety of Different Limestones, as Measured in a Hot Fluidized Bed of Sand. <i>Energy & Fuels</i> , 2007, 21, 2072-2081. | 5.1 | 247 |
| 3 | Investigation of the Enhanced Water Gas Shift Reaction Using Natural and Synthetic Sorbents for the Capture of CO ₂ . <i>Industrial & Engineering Chemistry Research</i> , 2009, 48, 10284-10291. | 3.7 | 56 |
| 4 | A breakthrough technique for the preparation of high-yield precipitated calcium carbonate. <i>Journal of Supercritical Fluids</i> , 2010, 52, 298-305. | 3.2 | 45 |
| 5 | Performance of a Novel Synthetic Ca-Based Solid Sorbent Suitable for Desulfurizing Flue Gases in a Fluidized Bed. <i>Industrial & Engineering Chemistry Research</i> , 2009, 48, 7016-7024. | 3.7 | 18 |
| 6 | Monitoring the Effect of Mineral Precursor, Fluid Phase CO ₂ -H ₂ O Composition, and Stirring on CaCO ₃ Crystallization in a Supercritical Ultrasound Carbonation Process. <i>Crystal Growth and Design</i> , 2011, 11, 5324-5332. | 3.0 | 18 |
| 7 | CO ₂ Capture via Cyclic Calcination and Carbonation Reactions. <i>Green Chemistry and Sustainable Technology</i> , 2014, , 181-222. | 0.7 | 5 |