

Michele Corbetta

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

417
citations

1040056

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h-index

1372567

10
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11
all docs

11
docs citations

11
times ranked

619
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Modelling a reactor cell for operando IR studies: From qualitative to fully quantitative kinetic investigations. <i>Catalysis Today</i> , 2017, 283, 176-184. | 4.4 | 23 |
| 2 | Systematic Design of Biorefinery Downstream Processes. , 2017, , 683-712. | | 0 |
| 3 | Process simulator-based optimization of biorefinery downstream processes under the Generalized Disjunctive Programming framework. <i>Computers and Chemical Engineering</i> , 2016, 88, 73-85. | 3.8 | 26 |
| 4 | Multi-scale Kinetic Modeling and Experimental Investigation of Syngas Production from Coal Gasification in Updraft Gasifiers. <i>Energy & Fuels</i> , 2015, 29, 3972-3984. | 5.1 | 24 |
| 5 | Biomass gasification using low-temperature solar-driven steam supply. <i>Renewable Energy</i> , 2015, 74, 671-680. | 8.9 | 40 |
| 6 | Aromatization of propane: Techno-economic analysis by multiscale "kinetics-to-process" simulation. <i>Computers and Chemical Engineering</i> , 2014, 71, 457-466. | 3.8 | 20 |
| 7 | Kinetic modeling of the thermal degradation and combustion of biomass. <i>Chemical Engineering Science</i> , 2014, 110, 2-12. | 3.8 | 137 |
| 8 | CATalytic " Post Processor (CAT-PP): A new methodology for the CFD-based simulation of highly diluted reactive heterogeneous systems. <i>Computers and Chemical Engineering</i> , 2014, 60, 76-85. | 3.8 | 12 |
| 9 | Mathematical Modelling of Coal and Biomass Gasification: Comparison on the Syngas H ₂ /CO Ratio under Different Operating Conditions. <i>Computer Aided Chemical Engineering</i> , 2014, 33, 1669-1674. | 0.5 | 6 |
| 10 | Pyrolysis of Centimeter-Scale Woody Biomass Particles: Kinetic Modeling and Experimental Validation. <i>Energy & Fuels</i> , 2014, 28, 3884-3898. | 5.1 | 116 |
| 11 | Spectrokinetic Analysis of the NO _x Storage Over a Pt/Ba/Al ₂ O ₃ Lean NO _x Trap Catalyst. <i>Topics in Catalysis</i> , 2013, 56, 311-316. | 2.8 | 13 |