

# Jonathan Lefebvre

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6029436/publications.pdf>

Version: 2024-02-01

9  
papers

3,112  
citations

1305906

8  
h-index

1762888

8  
g-index

9  
all docs

9  
docs citations

9  
times ranked

4143  
citing authors

| # | ARTICLE   | IF  | CITATIONS |
|---|---|-----|-----------|
| 1 | Modeling of the transient behavior of a slurry bubble column reactor for CO <sub>2</sub> methanation, and comparison with a tube bundle reactor. <i>Renewable Energy</i> , 2020, 151, 118-136.    | 4.3 | 26        |
| 2 | A comparison of two-phase and three-phase CO <sub>2</sub> methanation reaction kinetics. <i>Fuel</i> , 2019, 239, 896-904.  | 3.4 | 32        |
| 3 | A study on three-phase CO <sub>2</sub> methanation reaction kinetics in a continuous stirred-tank slurry reactor. <i>Fuel</i> , 2018, 217, 151-159.   | 3.4 | 25        |
| 4 | Novel gas holdup correlation for slurry bubble column reactors operated in the homogeneous regime. <i>Chemical Engineering Journal</i> , 2017, 308, 1209-1224.                                    | 6.6 | 40        |
| 5 | CO <sub>2</sub> Methanation in a Slurry Bubble Column Reactor - Influence of the Liquid Phase on the Reaction Kinetics and Reactor Design. <i>Chemie-Ingenieur-Technik</i> , 2016, 88, 1261-1261. | 0.4 | 0         |
| 6 | Review on methanation " From fundamentals to current projects. <i>Fuel</i> , 2016, 166, 276-296.  | 3.4 | 1,024     |
| 7 | Hydrodynamics of organic and ionic liquids in a slurry bubble column reactor operated at elevated temperatures. <i>Chemical Engineering Journal</i> , 2016, 286, 348-360.                         | 6.6 | 39        |
| 8 | Renewable Power-to-Gas: A technological and economic review. <i>Renewable Energy</i> , 2016, 85, 1371-1390.   | 4.3 | 1,837     |
| 9 | Improvement of three-phase methanation reactor performance for steady-state and transient operation. <i>Fuel Processing Technology</i> , 2015, 132, 83-90.  | 3.7 | 89        |