

Carles Martí

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

132
citations

1477746

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1372195

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13
all docs

13
docs citations

13
times ranked

229
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | (Dis)Similarities of adsorption of diverse functional groups over alumina and hematite depending on the surface state. <i>Journal of Chemical Physics</i> , 2021, 154, 084701. | 1.2 | 11 |
| 2 | A quantum-classical study of the effect of the long range tail of the potential on reactive and inelastic OH+H ₂ dynamics. <i>Chemical Physics Letters</i> , 2021, 769, 138404. | 1.2 | 6 |
| 3 | Methane Production from H ₂ + CO ₂ Reaction: An Open Molecular Science Case for Computational and Experimental Studies. <i>Physchem</i> , 2021, 1, 82-94. | 0.5 | 1 |
| 4 | DockOnSurf: A Python Code for the High-Throughput Screening of Flexible Molecules Adsorbed on Surfaces. <i>Journal of Chemical Information and Modeling</i> , 2021, 61, 3386-3396. | 2.5 | 13 |
| 5 | Density-functional tight-binding: basic concepts and applications to molecules and clusters. <i>Advances in Physics: X</i> , 2020, 5, 1710252. | 1.5 | 53 |
| 6 | A quantum-classical study of the OH + H ₂ reactive and inelastic collisions. <i>Chemical Physics Letters</i> , 2017, 674, 103-108. | 1.2 | 8 |
| 7 | Closer versus Long Range Interaction Effects on the Non-Arrhenius Behavior of Quasi-Resonant O ₂ + N ₂ Collisions. <i>Journal of Physical Chemistry A</i> , 2017, 121, 5088-5099. | 1.1 | 4 |
| 8 | The role of the long-range tail of the potential in O ₂ + N ₂ collisional inelastic vibrational energy transfers. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 11206-11211. | 1.3 | 10 |
| 9 | Methane production by CO ₂ hydrogenation reaction with and without solid phase catalysis. <i>Fuel</i> , 2017, 209, 802-811. | 3.4 | 25 |
| 10 | Simulation of Methane Production from Carbon Dioxide on a Collaborative Research Infrastructure. <i>Lecture Notes in Computer Science</i> , 2016, , 319-333. | 1.0 | 1 |