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iQuantum-chemical and kinetic study of the reactions of the ClSO<sub>2</sub> radical with H, O, Cl, S, SCl and ClSO<sub>2</sub> in the atmosphere of Venus

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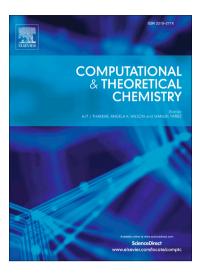
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## **ACCEPTED MANUSCRIPT**

Quantum-chemical and kinetic study of the reactions of the ClSO<sub>2</sub> radical with H, O, Cl, S, SCl and ClSO<sub>2</sub> in the atmosphere of Venus

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Keywords: ClSO<sub>2</sub> reactions in Venus; Quantum-chemical calculations; Statistical adiabatic channel model calculations; Transition state theory calculations.

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