

List of Publications by Jack Simons 1969 through 2005

1. J. Simons and J. E. Harriman, First and Second-Order Density Matrixes of Symmetry-Projected Single-Determinant Wave Functions. *J. Chem. Phys.*, *51*, 296–301 (1969).
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4. J. Simons, Direct Calculation of First- and Second-Order Density Matrixes. The Higher RPA Method, *J. Chem. Phys.*, *55*, 1218–1230 (1971).
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6. J. Simons, Diffusion of Optically Pumped Molecules as a Tool for Probing the Interaction of Excited Species, *Chem. Phys. Lett.*, *14*, 586–591 (1972).
7. J. Simons, The Use of Explicitly Correlated, Partially Antisymmetric Wave Functions in Atomic and Molecular Calculations, *Int. J. Quantum Chem.*, *VI*, 439–448 (1972).
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10. J. Simons, Equilibrium Concentration Fluctuations in Open Reactive Systems, *Chem. Phys. Lett.*, *22*, 619–621 (1973).
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21. K. Griffing, J. Kenney, J. Simons, and K. Jordan, Theoretical Predictions of Stable Negative Ions: HF⁻, LiH⁻, NaH⁻, *J. Chem. Phys.*, *63*, 4073–4075 (1975).
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