

## Publications

### Ludwik Adamowicz

As of September 23, 2020: h-index: 58, number of citations 14399; excluding self citations 11348; 19 papers with over 100 citations.

1. L. Adamowicz and J. Sadlej, Semiempirical Calculations for Interacting Molecular Systems. IV. Molecular electrostatic potential for oxygen donors of electrons, *Adv. Mol. Relax. and Inter. Proc.* **10**, 283 (1977).
2. L. Adamowicz and A. J. Sadlej, Perturbation Calculation of Molecular Correlation Energy Using Gaussian Geminals. Second and third order pair energy for H<sub>2</sub>, *J. Chem. Phys.* **67**, 4298 (1977).
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4. L. Adamowicz, A Comparative Analysis of Pair Equations for H<sub>2</sub> Molecule, *Int. J. Quant. Chem.* **13**, 265 (1978).
5. L. Adamowicz, Gaussian Geminals Applied for the Molecular Correlation Energy Calculation, *Acta Phys. Pol.* **A53**, 471 (1978).
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7. L. Adamowicz and A. J. Sadlej, Perturbation Calculation of Molecular Correlation Energy Using Gaussian-Type Geminals. Second-Order Pair Energies of the First-Row Diatomic Hydrides from Minimal Gaussian Geminal Basis Sets, *Acta Phy. Pol.* **A54**, 73 (1978).
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14. L. Adamowicz and W. Zielenkiewicz, Thermal Curve Interpretation by Spectral Resolution into a Basic Set of Rectangular Pulse Curves. III Resolution into other pulse curves, *J. Therm. Anal.* **26**, 39 (1983).
15. L. Adamowicz and E. A. McCullough, Jr. , A Numerical Multiconfiguration Self-Consistent-Field Method for Diatomic Molecules, *J. Chem. Phys.* **75**(5), 2475 (1981).

16. L. Adamowicz and E. A. McCullough, Jr. , Molecular Basis Set Generation: Accurate Slater Basis Sets for LiH<sup>-</sup> Ground and Excited State and Li<sub>2</sub><sup>-</sup> Ground State, *Int. J. Quant. Chem.* **24**, 19 (1983).
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