# Eirik Fadum Kjnstad

## List of Publications by Citations



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|---|---|---|---|
| 15 papers | 187 citations | 7 h-index | 13 g-index |
| 16 ext. papers | 265 ext. citations | 4.4 avg, IF | 3.75 L-index |

| # | Paper | IF | Citations |
|---|---|---|---|
| 15 | Coupled Cluster Theory for Molecular Polaritons: Changing Ground and Excited States. *Physical Review X*, **2020**, 10, | 9.1 | 34 |
| 14 | e 1.0: An open source electronic structure program with emphasis on coupled cluster and multilevel methods. *Journal of Chemical Physics*, **2020**, 152, 184103 | 3.9 | 34 |
| 13 | Crossing conditions in coupled cluster theory. *Journal of Chemical Physics*, **2017**, 147, 164105 | 3.9 | 31 |
| 12 | An efficient algorithm for Cholesky decomposition of electron repulsion integrals. *Journal of Chemical Physics*, **2019**, 150, 194112 | 3.9 | 27 |
| 11 | Resolving the Notorious Case of Conical Intersections for Coupled Cluster Dynamics. *Journal of Physical Chemistry Letters*, **2017**, 8, 4801-4807 | 6.4 | 22 |
| 10 | Equation-of-motion coupled-cluster method with double electron-attaching operators: Theory, implementation, and benchmarks. *Journal of Chemical Physics*, **2021**, 154, 114115 | 3.9 | 9 |
| 9 | Multilevel CC2 and CCSD in Reduced Orbital Spaces: Electronic Excitations in Large Molecular Systems. *Journal of Chemical Theory and Computation*, **2021**, 17, 714-726 | 6.4 | 9 |
| 8 | Spin adapted implementation of EOM-CCSD for triplet excited states: Probing intersystem crossings of acetylacetone at the carbon and oxygen K-edges. *Journal of Chemical Physics*, **2019**, 151, 144107 | 3.9 | 6 |
| 7 | An Orbital Invariant Similarity Constrained Coupled Cluster Model. *Journal of Chemical Theory and Computation*, **2019**, 15, 5386-5397 | 6.4 | 4 |
| 6 | Accelerated multimodel Newton-type algorithms for faster convergence of ground and excited state coupled cluster equations. *Journal of Chemical Physics*, **2020**, 153, 014104 | 3.9 | 4 |
| 5 | A critical investigation of proposed electrostatic corrections to quantum mechanical volumes: the importance of variation and the irrelevance of imbalance. *Molecular Physics*, **2016**, 114, 1822-1830 | 1.7 | 2 |
| 4 | Linear-Scaling Implementation of Multilevel Hartree-Fock Theory. *Journal of Chemical Theory and Computation*, **2021**, | 6.4 | 2 |
| 3 | A Study of the Detonation Properties, Propellant Impulses, Impact Sensitivities and Synthesis of Nitrated ANTA and NTO Derivatives. *Central European Journal of Energetic Materials*, **2016**, 13, 445-467 | 1.3 | 2 |
| 2 | All molecular surfaces are equal: demanding invariance of predictions in linear single-variable models. *Molecular Physics*, **2016**, 114, 1559-1567 | 1.7 | 1 |
| 1 | Biorthonormal Formalism for Nonadiabatic Coupled Cluster Dynamics. *Journal of Chemical Theory and Computation*, **2021**, 17, 127-138 | 6.4 | 0 |