

# Eirik Fadum Kjnstad

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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