## Uzi Kaldor

## List of Publications by Citations

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152<br/>papers5,673<br/>citations49<br/>h-index69<br/>g-index153<br/>ext. papers5,883<br/>ext. citations3<br/>avg, IF5.58<br/>L-index

#	Paper	IF	Citations
152	The Fock space coupled cluster method: theory and application. <i>Theoretica Chimica Acta</i> , <b>1991</b> , 80, 427-	439	211
151	Open-shell relativistic coupled-cluster method with Dirac-Fock-Breit wave functions: Energies of the gold atom and its cation. <i>Physical Review A</i> , <b>1994</b> , 49, 1724-1729	2.6	177
150	Formulation and implementation of the relativistic Fock-space coupled cluster method for molecules. <i>Journal of Chemical Physics</i> , <b>2001</b> , 115, 9720-9726	3.9	174
149	Open-shell coupled-cluster theory applied to atomic and molecular systems. <i>Chemical Physics Letters</i> , <b>1985</b> , 117, 347-351	2.5	131
148	Ionization potentials and excitation energies of the alkali-metal atoms by the relativistic coupled-cluster method. <i>Physical Review A</i> , <b>1994</b> , 50, 1121-1128	2.6	113
147	The open-shell coupled-cluster method: Excitation energies and ionization potentials of H2O. <i>Journal of Chemical Physics</i> , <b>1987</b> , 87, 467-471	3.9	113
146	Transition energies of ytterbium, lutetium, and lawrencium by the relativistic coupled-cluster method. <i>Physical Review A</i> , <b>1995</b> , 52, 291-296	2.6	110
145	Transition energies of mercury and ekamercury (element 112) by the relativistic coupled-cluster method. <i>Physical Review A</i> , <b>1995</b> , 52, 2765-2769	2.6	109
144	Ground state electron configuration of element 111. <i>Physical Review Letters</i> , <b>1994</b> , 73, 3203-3206	7.4	105
143	Intermediate Hamiltonian Fock-space coupled-cluster method: Excitation energies of barium and radium. <i>Journal of Chemical Physics</i> , <b>2000</b> , 113, 9905-9910	3.9	104
142	Intermediate Hamiltonian Fock-space coupled-cluster method. <i>Chemical Physics Letters</i> , <b>1999</b> , 313, 399-	·4:03j	103
141	A General-Model-Space Diagrammatic Perturbation Theory. <i>Physica Scripta</i> , <b>1980</b> , 21, 357-361	2.6	102
140	Three-electron excitation in open-shell coupled-cluster theory. <i>Chemical Physics Letters</i> , <b>1985</b> , 120, 261-	-265	101
139	Calculated energy levels of thallium and eka-thallium (element 113). <i>Physical Review A</i> , <b>1996</b> , 53, 3926-3	39363	100
138	Ground state electron configuration of Rutherfordium: Role of dynamic correlation. <i>Physical Review Letters</i> , <b>1995</b> , 74, 1079-1082	7·4	93
137	Element 118: The First Rare Gas with an Electron Affinity. <i>Physical Review Letters</i> , <b>1996</b> , 77, 5350-5352	7.4	93
136	Relativistic coupled-cluster method: Intrashell excitations in the f2 shells of Pr+3 and U+4. <i>Physical Review A</i> , <b>1995</b> , 51, 225-230	2.6	88

## (1996-2000)

135	Relativistic all-electron coupled-cluster calculations on Au2 in the framework of the Douglas <b>K</b> roll transformation. <i>Journal of Chemical Physics</i> , <b>2000</b> , 112, 1809-1813	3.9	83	
134	A Fock space coupled cluster study on the electronic structure of the UO(2), UO(2) (+), U(4+), and U(5+) species. <i>Journal of Chemical Physics</i> , <b>2007</b> , 127, 124308	3.9	82	
133	Relativistic all-electron coupled-cluster calculations on the gold atom and gold hydride in the framework of the douglas-kroll transformation. <i>Chemical Physics Letters</i> , <b>1994</b> , 230, 1-7	2.5	76	
132	Electronic structure of eka-lead (element 114) compared with lead. <i>Journal of Chemical Physics</i> , <b>2001</b> , 114, 2977-2980	3.9	74	
131	High-Accuracy Calculations for Heavy and Super-Heavy Elements. <i>Advances in Quantum Chemistry</i> , <b>1998</b> , 31, 313-336	1.4	73	
130	Spin-Optimized Self-Consistent Field Wave Functions. <i>Physical Review</i> , <b>1969</b> , 183, 1-7		73	
129	N2 excitations below 15 eV by the multireference coupled-cluster method. <i>Journal of Chemical Physics</i> , <b>1990</b> , 92, 3680-3682	3.9	72	
128	Quasidegenerate perturbation theory. <i>The Journal of Physical Chemistry</i> , <b>1982</b> , 86, 2133-2140		71	
127	Symmetry breaking in radicals: NO2, NS2 and NO3. Chemical Physics Letters, 1991, 185, 131-135	2.5	70	
126	Intruder states and incomplete model spaces in multireference coupled-cluster theory: The 2p2 states of Be. <i>Physical Review A</i> , <b>1988</b> , 38, 6013-6016	2.6	70	
125	The relativistic Fock-space coupled-cluster method for molecules: CdH and its ions. <i>Journal of Chemical Physics</i> , <b>1998</b> , 108, 3409-3415	3.9	64	
124	Extrapolated intermediate Hamiltonian coupled-cluster approach: theory and pilot application to electron affinities of alkali atoms. <i>Journal of Chemical Physics</i> , <b>2005</b> , 122, 224113	3.9	63	
123	Direct calculation of excitation energies by the coupled-cluster method: Mg and Ar atoms. <i>International Journal of Quantum Chemistry</i> , <b>1986</b> , 30, 445-453	2.1	62	
122	Electronic structure theory of the superheavy elements. <i>Nuclear Physics A</i> , <b>2015</b> , 944, 518-550	1.3	61	
121	Open-shell coupled-cluster method: Direct calculation of excitation energies. <i>Chemical Physics Letters</i> , <b>1986</b> , 128, 45-48	2.5	60	
120	The open-shell coupled-cluster method in general model space: Five states of LiH. <i>Journal of Chemical Physics</i> , <b>1988</b> , 89, 956-958	3.9	60	
119	Many-Body Perturbation-Theory Calculations with Finite, Bound Basis Sets. <i>Physical Review A</i> , <b>1973</b> , 7, 427-434	2.6	60	
118	Large relativistic effects in molecular properties of the hydride of superheavy element 111. <i>Chemical Physics Letters</i> , <b>1996</b> , 250, 461-465	2.5	59	

117	Open-Shell coupled-cluster method: Variational and nonvariational calculation of ionization potentials. <i>International Journal of Quantum Chemistry</i> , <b>1986</b> , 29, 425-433	2.1	58
116	Degenerate many-body perturbation theory: Excited states of H2 . <i>Journal of Chemical Physics</i> , <b>1975</b> , 63, 2199-2205	3.9	58
115	Mixed-sector intermediate Hamiltonian Fock-space coupled cluster approach. <i>Journal of Chemical Physics</i> , <b>2004</b> , 121, 6634-9	3.9	57
114	Transition energies of lanthanum, actinium, and eka-actinium (element 121). <i>Journal of Chemical Physics</i> , <b>1998</b> , 109, 3954-3958	3.9	57
113	Transition energies of barium and radium by the relativistic coupled-cluster method. <i>Physical Review A</i> , <b>1996</b> , 53, 3050-3056	2.6	54
112	Many-body perturbation theory applied to eight states of BH. <i>Journal of Chemical Physics</i> , <b>1976</b> , 64, 20	0025.2900	9 <sub>54</sub>
111	Intermediate Hamiltonian Fock-space coupled cluster method in the one-hole one-particle sector: Excitation energies of xenon and radon. <i>Journal of Chemical Physics</i> , <b>2001</b> , 115, 6862-6865	3.9	53
110	Many-body perturbation theory applied to H2 . <i>Journal of Chemical Physics</i> , <b>1975</b> , 62, 4634-4638	3.9	52
109	Degeneracy breaking in the Hilbert-space coupled cluster method. <i>Journal of Chemical Physics</i> , <b>1993</b> , 98, 3090-3094	3.9	51
108	The ground state geometry of the NO3 radical. <i>Chemical Physics Letters</i> , <b>1990</b> , 166, 599-601	2.5	51
107	The open-shell coupled-cluster method: Ionization potentials and electron affinities of the alkali atoms, Li to Cs. <i>Journal of Chemical Physics</i> , <b>1987</b> , 87, 4693-4695	3.9	51
106	Calculation of Extended Hartree-Fock Wavefunctions. <i>Journal of Chemical Physics</i> , <b>1968</b> , 48, 835-837	3.9	51
105	Many-Body Perturbation-Theory Calculations for Excited Molecular States. <i>Physical Review Letters</i> , <b>1973</b> , 31, 1338-1340	7.4	51
104	General-model-space perturbation theory: Excitation and ionization of N2. <i>Journal of Chemical Physics</i> , <b>1984</b> , 81, 2406-2410	3.9	50
103	Benchmark calculations of electron affinities of the alkali atoms sodium to eka-francium (element 119). <i>Journal of Chemical Physics</i> , <b>2001</b> , 115, 2389-2392	3.9	48
102	Li2 ground and excited states by the open-shell coupled-cluster method. <i>Chemical Physics</i> , <b>1990</b> , 140, 1-6	2.3	47
101	Open-shell coupled-cluster method: Electron affinities of Li and Na. <i>Journal of Computational Chemistry</i> , <b>1987</b> , 8, 448-453	3.5	47
100	Intermediate Hamiltonian Fock-space coupled-cluster method. <i>Advances in Quantum Chemistry</i> , <b>2001</b> , 39, 171-188	1.4	42

99	Relativistic coupled-cluster calculations for open-shell atoms. <i>Physical Review A</i> , <b>1993</b> , 47, 137-142	2.6	42
98	High sectors in the Fock space coupled-cluster method. <i>Chemical Physics Letters</i> , <b>1992</b> , 194, 99-104	2.5	42
97	Predicted spectrum of atomic nobelium. <i>Physical Review A</i> , <b>2007</b> , 75,	2.6	41
96	QED corrections to the binding energy of the eka-radon (Z=118) negative ion. <i>Physical Review A</i> , <b>2003</b> , 67,	2.6	41
95	Can nondegenerate many-body perturbation theory Be applied to quasidegenerate electronic states?. <i>International Journal of Quantum Chemistry</i> , <b>1985</b> , 28, 103-108	2.1	40
94	Relativistic coupled-cluster calculations for closed-shell atoms. <i>Chemical Physics Letters</i> , <b>1992</b> , 194, 95-9	<b>9&amp;</b> .5	38
93	Harmonic vibrational frequencies and geometry of NO2 and NO2Iby the multireference coupled-cluster method. <i>Chemical Physics Letters</i> , <b>1990</b> , 170, 17-20	2.5	38
92	Relativistic coupled cluster method based on DiracloulombBreit wavefunctions. Ground state energies of atoms with two to five electrons. <i>Chemical Physics Letters</i> , <b>1994</b> , 222, 82-87	2.5	37
91	Electronic structure of eka-thorium (element 122) compared with thorium. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , <b>2002</b> , 35, 1693-1700	1.3	36
90	Hilbert space coupled-cluster method in an incomplete model space. <i>Chemical Physics Letters</i> , <b>1992</b> , 199, 42-46	2.5	36
89	Electron affinities of boron, aluminum, gallium, indium, and thallium. <i>Physical Review A</i> , <b>1997</b> , 56, 4532-	-4 <u>5</u> . <b>%</b> 6	35
88	The relativistic open shell coupled cluster method: Direct calculation of excitation energies in the Ne atom. <i>Journal of Chemical Physics</i> , <b>1992</b> , 97, 8455-8458	3.9	35
87	Ground and excited states of K2 and K2+ by the open-shell coupled cluster method. <i>Journal of Chemical Physics</i> , <b>1993</b> , 98, 7126-7131	3.9	32
86	General-model-space many-body perturbation theory: The (2s3p)P1,3 states in the Be isoelectronic sequence. <i>Physical Review A</i> , <b>1984</b> , 30, 2932-2935	2.6	32
85	AB initio calculations of electron-molecule scattering cross sections including polarization. <i>Chemical Physics Letters</i> , <b>1977</b> , 51, 321-324	2.5	32
84	Ionization potentials of alkali atoms: towards meV accuracy. <i>Chemical Physics</i> , <b>2005</b> , 311, 163-168	2.3	31
83	The shifted scheme in the general-model-space diagrammatic perturbation theory. <i>Chemical Physics</i> , <b>1981</b> , 62, 469-479	2.3	31
82	Generalized relativistic effective core potential and relativistic coupled cluster calculation of the spectroscopic constants for the HgH molecule and its cation. <i>Journal of Chemical Physics</i> , <b>2001</b> , 115, 20	07:201	13 <sup>29</sup>

81	The relativistic four-component coupled cluster method for molecules: spectroscopic constants of SnH4. <i>Chemical Physics Letters</i> , <b>1996</b> , 248, 405-408	2.5	29
80	Spin-Extended Wave Functions for First-Row Atoms. <i>Physical Review</i> , <b>1968</b> , 176, 19-24		29
79	The relativistic coupled-cluster method: transition energies of bismuth and eka-bismuth. <i>Molecular Physics</i> , <b>1998</b> , 94, 181-187	1.7	28
78	Intermediate Hamiltonian Hilbert space coupled cluster method: Theory and pilot application. <i>International Journal of Quantum Chemistry</i> , <b>2009</b> , 109, 2909-2915	2.1	27
77	Spin-Extended Hartreeflock Functions for Atomic Boron. <i>Journal of Chemical Physics</i> , <b>1968</b> , 49, 6-8	3.9	27
76	Fock-space coupled-cluster method: The (1,2) sector. <i>Physical Review A</i> , <b>1993</b> , 47, 4705-4712	2.6	25
75	Spin-Optimized Self-Consistent-Field Function. II. Hyperfine Structure of Atomic Nitrogen. <i>Physical Review A</i> , <b>1970</b> , 1, 1586-1592	2.6	25
74	Charge transfer excitations in the photoelectron spectrum of ClNH3: Experiment and calculation. <i>Journal of Chemical Physics</i> , <b>1993</b> , 99, 6201-6204	3.9	24
73	Hyperfine Pressure Shift of Hydrogen in Helium. <i>Journal of Chemical Physics</i> , <b>1971</b> , 55, 4127-4131	3.9	24
72	Relaxation of chlorine anions solvated in small water clusters upon electron photodetachment.: The three lowest potential energy surfaces of the neutral Cl??H2O complex. <i>Chemical Physics Letters</i> , <b>1998</b> , 293, 309-316	2.5	23
71	First Ionization Potentials of Fm, Md, No, and Lr: Verification of Filling-Up of 5f Electrons and Confirmation of the Actinide Series. <i>Journal of the American Chemical Society</i> , <b>2018</b> , 140, 14609-14613	16.4	23
70	Rydberg states and the observes spectrum ArH. <i>Chemical Physics</i> , <b>1981</b> , 63, 165-173	2.3	22
69	Electron affinity of element 114, with comparison to Sn and Pb. Chemical Physics Letters, 2009, 480, 49-	<b>51</b> .5	21
68	High-accuracy calculation of nuclear quadrupole moments of atomic halogens. <i>Journal of Chemical Physics</i> , <b>2007</b> , 126, 054301	3.9	21
67	The Fock-space coupled-cluster method: Electron affinities of the five halogen elements with consideration of triple excitations. <i>Journal of Chemical Physics</i> , <b>1993</b> , 99, 6773-6776	3.9	21
66	Relativistic coupled cluster theory based on the no-pair diractoulombBreit hamiltonian: Relativistic pair correlation energies of the xe atom. <i>International Journal of Quantum Chemistry</i> , <b>1994</b> , 52, 205-214	2.1	21
65	Multireference coupled cluster and multireference configuration interaction studies of the potential surfaces for deprotonation of NH+4. <i>Journal of Chemical Physics</i> , <b>1989</b> , 90, 6395-6400	3.9	21
64	An algorithm for generating Goldstone and Bloch-Brandow diagrams. <i>Journal of Computational Physics</i> , <b>1976</b> , 20, 432-441	4.1	21

63	Spin-Optimized Self-Consistent-Field Function. III. Ground States of Boron and Carbon Atoms. <i>Physical Review A</i> , <b>1970</b> , 2, 1267-1274	2.6	21	
62	Nuclear quadrupole moment of 197Au from high-accuracy atomic calculations. <i>Journal of Chemical Physics</i> , <b>2007</b> , 126, 184305	3.9	20	
61	The ClNH3, ClH2O, FNH3 and FH2O clusters and their photoelectron spectra. <i>Zeitschrift Fa Physik D-Atoms Molecules and Clusters</i> , <b>1994</b> , 31, 279-282		20	
60	Ultrafast Dynamics of ChlorineWater and BromineWater Radical Complexes Following Electron Photodetachment in Their Anionic Precursors. <i>Journal of Physical Chemistry A</i> , <b>2000</b> , 104, 6523-6531	2.8	19	
59	The coupled-cluster method with full inclusion of single, double and triple excitations applied to high sectors of the Fock space. <i>Chemical Physics Letters</i> , <b>1993</b> , 204, 339-342	2.5	19	
58	The coupled-cluster method in high sectors of the Fock space. <i>International Journal of Quantum Chemistry</i> , <b>1995</b> , 55, 127-132	2.1	17	
57	Four-Component Electronic Structure Methods. <i>Challenges and Advances in Computational Chemistry and Physics</i> , <b>2010</b> , 279-349	0.7	16	
56	Relativistic Many-Body Calculations on Atoms and Molecules. <i>Computational Chemistry - Reviews of Current Trends</i> , <b>1996</b> , 1-52		14	
55	Ground State of He2 by the Spin-Optimized Method. <i>Journal of Chemical Physics</i> , <b>1972</b> , 56, 1741-1745	3.9	14	
54	Transition energies of Rn- and Fr-like actinide ions by relativistic intermediate Hamiltonian Fock-space coupled-cluster methods. <i>Chemical Physics</i> , <b>2012</b> , 392, 78-82	2.3	13	
53	On the performance of two-component energy-consistent pseudopotentials in atomic Fock-space coupled cluster calculations. <i>Journal of Chemical Physics</i> , <b>2008</b> , 128, 024106	3.9	13	
52	Ab initiocalculations of the ground-state electron affinities of gallium and indium. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , <b>1999</b> , 32, 5853-5859	1.3	13	
51	Vibrational frequencies and geometry of N3 and NB by the coupledBluster method. <i>International Journal of Quantum Chemistry</i> , <b>1990</b> , 38, 291-294	2.1	13	
50	Distinguishable-Electron Method for Electronic Structure Calculations. III. Contact Spin Densities - The S2 and P2 States of Atomic Li. <i>Physical Review A</i> , <b>1971</b> , 3, 1295-1304	2.6	11	
49	Relativistic Four-Component Multireference Coupled Cluster Methods: Towards A Covariant Approach. <i>Challenges and Advances in Computational Chemistry and Physics</i> , <b>2010</b> , 113-144	0.7	10	
48	Potential of the A 1 🗓 + state of He2. <i>Molecular Physics</i> , <b>1971</b> , 22, 1107-1117	1.7	10	
47	Calculation of Spin Densities for Light Atoms. <i>Journal of Chemical Physics</i> , <b>1968</b> , 49, 469-470	3.9	9	
46	Atomic and Molecular Applications of the Multireference Coupled-Cluster Method. <i>Lecture Notes in Quantum Chemistry II</i> , <b>1989</b> , 199-213	0.6	9	

45	Precision of calculated static polarizabilities: Ga, In and Tl atoms. <i>Chemical Physics</i> , <b>2012</b> , 395, 104-107	2.3	8
44	Atomic transition energies and the variation of the fine-structure constant <i>∃Physical Review A</i> , <b>2006</b> , 74,	2.6	8
43	The open-shell coupled-cluster method: Effect of single excitations on electronic transition energies. <i>Journal of Chemical Physics</i> , <b>1988</b> , 88, 5248-5249	3.9	8
42	Electronic structure of three-dimensional isotropic quantum dots by four-component relativistic coupled cluster methods. <i>Journal of Chemical Physics</i> , <b>2011</b> , 134, 054503	3.9	7
41	Study of Heavy Elements by Relativistic Fock Space and Intermediate Hamiltonian Coupled Cluster Methods <b>2004</b> , 365-406		7
40	Na2 Ground and Excited States by the Open-Shell Coupled-Cluster Method. <i>Israel Journal of Chemistry</i> , <b>1991</b> , 31, 345-349	3.4	7
39	Spin-Extended Wave Function for Atomic Sodium. <i>Physical Review</i> , <b>1968</b> , 176, 71-73		7
38	Electronic Structure at the Edge of the Periodic Table. <i>Nuclear Physics News</i> , <b>2019</b> , 29, 16-20	0.7	6
37	RELATIVISTIC COUPLED CLUSTER: METHOD AND APPLICATIONS. <i>Recent Advances in Computational</i> , <b>1997</b> , 125-153		6
36	Impurity effects on the electronic structure and spectra of spherical quantum dots by the 4-component relativistic coupled cluster method. <i>Computational and Theoretical Chemistry</i> , <b>2014</b> , 1040-1041, 61-71	2	5
35	Accurate Relativistic Fock-Space Calculations for Many-Electron Atoms. <i>Theoretical and Computational Chemistry</i> , <b>2004</b> , 14, 81-119		5
34	FOUR-COMPONENT RELATIVISTIC COUPLED CLUSTER IMETHOD AND APPLICATIONS. <i>Recent Advances in Computational</i> , <b>2004</b> , 283-327		5
33	Spin-extended and configuration-interaction studies of first-row atoms. <i>International Journal of Quantum Chemistry</i> , <b>2009</b> , 2, 13-20	2.1	4
32	Intermediate Hamiltonian coupled cluster methods: meV accuracy for alkaline earth transition energies. <i>Computational and Theoretical Chemistry</i> , <b>2006</b> , 768, 127-132		4
31	INTERMEDIATE HAMILTONIAN FOCK-SPACE COUPLED CLUSTER METHOD AND APPLICATIONS. International Journal of Modern Physics B, <b>2003</b> , 17, 5335-5345	1.1	4
30	Electron-molecule scattering with polarization using the schwinger variational principle. <i>Chemical Physics Letters</i> , <b>1981</b> , 79, 489-493	2.5	4
29	Electron affinity of gallium and fine structure of GallExperiment and theory. <i>Physical Review A</i> , <b>2019</b> , 100,	2.6	4
28	Relativistic coupled cluster calculation of MEsbauer isomer shifts of iodine compounds. <i>Molecular Physics</i> , <b>2017</b> , 115, 138-143	1.7	3

## (1988-2009)

27	The nuclear quadrupole moment of 69Ga and 115In. Canadian Journal of Chemistry, 2009, 87, 802-805	0.9	3
26	The intrinsic viscosity of a suspension of nonharmonic dumbbells. <i>Journal of Chemical Physics</i> , <b>1977</b> , 66, 5505-5508	3.9	3
25	INTERMEDIATE HAMILTONIAN FOCK-SPACE COUPLED CLUSTER METHOD AND APPLICATIONS <b>2002</b> ,		3
24	High-Accuracy Relativistic Coupled Cluster Calculations for the Heaviest Elements <b>2015</b> , 1-31		3
23	Applications of the Open-Shell Coupled-Cluster Method. <i>Lecture Notes in Quantum Chemistry II</i> , <b>1989</b> , 155-164	0.6	3
22	Four-Component Electronic Structure Methods for Atoms. <i>Progress in Theoretical Chemistry and Physics</i> , <b>2003</b> , 171-210	0.6	3
21	Potential Functions of Al2 by the Relativistic Fock-Space Coupled Cluster Method. <i>International Journal of Molecular Sciences</i> , <b>2002</b> , 3, 498-507	6.3	2
20	Atomic and molecular applications of the coupled cluster method <b>1998</b> , 71-92		2
19	Augmented random phase approximation applied to H2 excitations. <i>Journal of Chemical Physics</i> , <b>1976</b> , 64, 4812-4814	3.9	2
18	L2-basis-set theory of electron-molecule scattering with vibrational and rotational coupling. <i>Physical Review A</i> , <b>1979</b> , 19, 105-110	2.6	2
17	Multireference Coupled-Cluster Approach to Spectroscopic Constants: Molecular Geometries and Harmonic Frequencies <b>1992</b> , 213-231		2
16	Study of Actinides by Relativistic Coupled Cluster Methods <b>2015</b> , 23-54		1
15	High-Accuracy Relativistic Coupled-Cluster Calculations for the Heaviest Elements 2017, 825-855		1
14	The nuclear quadrupole moments of 191,193,195,197Pb and 139La. <i>Theoretical Chemistry Accounts</i> , <b>2011</b> , 129, 409-412	1.9	1
13	Bernd A. Hess (ed): Relativistic Effects in Heavy-Element Chemistry and Physics. <i>Theoretical Chemistry Accounts</i> , <b>2003</b> , 110, 358-358	1.9	1
12	Isaiah Shavitt. <i>The Journal of Physical Chemistry</i> , <b>1996</b> , 100, 6017-6022		1
11	Ab initio calculation of the He2 A 1 Lu ++X 1 Lg + absorption spectrum. <i>Molecular Physics</i> , <b>1973</b> , 26, 291-2	9 <b>5</b> .7	1
10	Open-Shell Coupled-Cluster Studies of Atomic and Molecular Systems <b>1988</b> , 83-92		1

9	Developments in Multireference Coupled-Cluster Applications to Molecular Systems <b>1990</b> , 283-294	1
8	Electronic Structure of the Transactinide Atoms <b>2018</b> , 1-16	1
7	Relativistic Coupled Cluster Calculations <b>1995</b> , 135-142	1
6	RELATIVISTIC COUPLED CLUSTER CALCULATIONS FOR HEAVY AND SUPER-HEAVY ELEMENTS <b>2002</b> , 260-292	O
5	Multireference many-body methods. Perspective on Linked-cluster expansions for the nuclear many-body problem Theoretical Chemistry Accounts, 2000, 103, 276-277	1.9
4	Multireference many-body methods. Perspective on Linked-cluster expansions for the nuclear many-body problem <b>2000</b> , 276-277	
3	Direct Calculation of Molecular Transition Energies by the Open-Shell Coupled-Cluster Method 1988, 197-208	
2	The Fock-Space Coupled Cluster Method Extended to Higher Sectors <b>1993</b> , 385-394	

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