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(e, 2e) momentum spectroscopic study of the interaction of CH₃ and CF₃ groups with the carbon-carbon triple bond

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Journal of Chemical Physics, 1988, 89, 25-33.

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#	Paper	IF	Citations
28	(e,2e) momentum spectroscopic study of the C=C orbitals of the vinyl halides. <i>Journal of Chemical Physics</i> , 1989 , 91, 1994-2001	3.9	14
27	The valence orbital momentum distributions and binding energy spectra of dimethyl ether by electron momentum spectroscopy: An investigation of the methyl inductive effect. <i>Chemical Physics</i> , 1989 , 137, 407-426	2.3	24
26	The valence orbital momentum distributions and binding energy spectra of methane by electron momentum spectroscopy: Quantitative comparisons using near Hartree-Fock limit and correlated wavefunctions. <i>Chemical Physics</i> , 1990 , 143, 1-10	2.3	47
25	Recent developments in electron momentum spectroscopy of atoms and molecules. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 1990 , 51, 629-651	1.7	6
24	Experimental orbital momentum distributions and bonding interactions. <i>Molecular Physics</i> , 1991 , 73, 619-633	1.7	2
23	Recent developments and new trends in (e,2e) and (e,3e) studies. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 1991 , 24, 2401-2442	1.3	220
22	Study of the valence electronic structure of ethyne by electron momentum spectroscopy and Green's function methods. <i>Journal of Chemical Physics</i> , 1991 , 94, 3468-3478	3.9	16
21	Electron momentum spectroscopy of atoms and molecules. <i>Reports on Progress in Physics</i> , 1991 , 54, 789-879	4.7	461
20	Electron momentum spectroscopy of the valence orbitals of acetylene: Quantitative comparisons using near Hartree-Fock limit and correlated wavefunctions. <i>Chemical Physics</i> , 1992 , 165, 183-199	2.3	30
19	(e,2e) spectroscopy. <i>Reviews of Modern Physics</i> , 1994 , 66, 985-1014	40.5	261
18	(e, 2e) Momentum spectroscopic study of the valence orbitals of hydrogen selenide. <i>Chemical Physics</i> , 1994 , 185, 237-250	2.3	4
17	Multiple detector triple coincidence spectrometer for (e,3e) electron impact double-ionization measurements. <i>Review of Scientific Instruments</i> , 1995 , 66, 3137-3143	1.7	22
16	Electron Momentum Spectroscopy Study of Lone Pair Orbitals of Thiols and Dimethyl Sulfide. <i>Journal of Physical Chemistry A</i> , 1997 , 101, 528-532	2.8	21
15	Outer valence electronic structure of pyrrole studied by electron momentum spectroscopy. <i>Chemical Physics Letters</i> , 1998 , 288, 821-827	2.5	23
14	Electron momentum spectroscopy study of furan. <i>Chemical Physics</i> , 1998 , 227, 375-387	2.3	18
13	An investigation of electron momentum spectroscopy for ethane. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 1998 , 31, 2055-2064	1.3	13
12	A high sensitivity electron momentum spectrometer with simultaneous detection in energy and momentum. <i>Review of Scientific Instruments</i> , 2002 , 73, 2242-2248	1.7	31

11	Observation of molecular frame (e,2e) cross section using an electron-electron-fragment ion triple coincidence apparatus. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2004 , 141, 83-93	1.7	45
10	Application of a counting technique to determine certain and uncertain geographic regions of emission sources. <i>Ecological Modelling</i> , 2006 , 192, 627-636	3	5
9	Electron Momentum Distributions for 4a ₁ Orbitals of CF _x Cl _{4-x} in Low Momentum Region: a Possible Evidence of Molecular Geometry Distortion. <i>Chinese Journal of Chemical Physics</i> , 2009 , 22, 642-648	0.9	1
8	Looking at Molecular Orbitals in Three-Dimensional Form: From Dream to Reality. <i>Bulletin of the Chemical Society of Japan</i> , 2009 , 82, 751-777	5.1	67
7	A high-sensitivity angle and energy dispersive multichannel electron momentum spectrometer with 2 π angle range. <i>Review of Scientific Instruments</i> , 2011 , 82, 033110	1.7	22
6	Triple Differential Cross Sections for the Electron Impact Ionization of Helium, Neon and Argon From 0.1 To 1 Kev. Theory and Experiment Compared. 1999 , 319-331		1
5	Experimental Momentum-Space Chemistry by (e, 2e) Spectroscopy. 1991 , 339-386		21
4	Electron momentum spectroscopy of atoms, molecules, and thin films. <i>Uspekhi Fizicheskikh Nauk</i> , 1999 , 169, 1111	0.5	14
3	An Electron Momentum Spectroscopy Study on Molecules Having Two Equivalent Functional Groups. 2001 , 369-379		1
2	Knockout Reactions to Study Atomic and Molecular Electronic Structure: The Future. 1993 , 91-99		
1	An Investigation of the Two Outermost Orbitals of Glyoxal and Biacetyl by Electron Momentum Spectroscopy. 2005 , 265-278		