Milton M Fujimoto

List of Publications by Year
in descending order

37	348	759233 12	839539 18
papers	citations	h-index	g-index

37	37	37	243
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Elastic electron collisions with trimethyl phosphate. Journal of Physics B: Atomic, Molecular and Optical Physics, 2021, 54, 075203.	1.5	1
2	Theoretical study of the low-energy electron-collision cross sections of isomers HOOCl, HOClO and HClOO in gas phase. Journal of Physics B: Atomic, Molecular and Optical Physics, 2019, 52, 165201.	1.5	2
3	Electronic excitation cross section in positron scattering by H2 molecules using distorted-wave method. European Physical Journal D, 2018, 72, 1.	1.3	2
4	Photoabsorption and photoionization cross sections for formaldehyde in the vacuum-ultraviolet energy range. Journal of Chemical Physics, 2017, 146, .	3.0	11
5	Averaged electron collision cross sections for thermal mixtures ofÎ²-alanine conformers in the gas phase. Journal of Physics B: Atomic, Molecular and Optical Physics, 2017, 50, 195201.	1.5	6
6	Averaged electron collision cross sections for thermal mixtures of $alpha $-alanine conformers in the gas phase. Journal of Physics B: Atomic, Molecular and Optical Physics, 2016, 49, 215201.	1.5	4
7	Elastic scattering of low-energy electrons by CH3CN and CH3NC molecules. European Physical Journal D, 2015, 69, 1.	1.3	12
8	Low-energy electron collisions with the alanine molecule. European Physical Journal D, 2014, 68, 1.	1.3	16
9	A dissociative electron attachment cross-section estimator. Journal of Physics: Conference Series, 2012, 388, 012013.	0.4	61
10	R-matrix calculations of differential and integral cross sections for low-energy electron collisions with ethanol. European Physical Journal D, 2012, 66, 1.	1.3	17
11	Spin-exchange effects in elastic electron scattering from linear triatomic radicals. Journal of the Brazilian Chemical Society, 2010, 21, 226-233.	0.6	0
12	Vibrational cross sections for positron scattering by nitrogen molecules. Physical Review A, 2010, 82, .	2.5	15
13	Low energy scattering of positrons by. Nuclear Instruments & Methods in Physics Research B, 2010, 268, 178-182.	1.4	7
14	Comparative study of electron-impact C(1s) core-excitation processes in C2 and C2N2 molecules. Journal of Electron Spectroscopy and Related Phenomena, 2009, 171, 30-36.	1.7	1
15	Low energy elastic scattering of positrons by CO: An application of continued fractions and Schwinger variational iterative methods. Nuclear Instruments & Methods in Physics Research B, 2008, 266, 441-446.	1.4	10
16	Study of inner-shell excitation processes from N(1s) orbitals in N2O molecules by electron impact. Journal of Physics B: Atomic, Molecular and Optical Physics, 2007, 40, 4333-4345.	1.5	2
17	Comparative study of elastic electron collisions on the isoelectronicSiN2,SiCO, andCSiOradicals. Physical Review A, 2007, 76, .	2.5	1
18	Comparative study for elastic electron collisions onC2N2isomers. Physical Review A, 2006, 74, .	2.5	5

#	Article	IF	Citations
19	Spin-exchange effects in elastic electron-radical collisions. Physical Review A, 2006, 73, .	2.5	2
20	Cross sections for electronâ€“C2 collisions. Chemical Physics, 2005, 309, 177-182.	1.9	12
21	A comparative study for elastic electron collisions on the isoelectronic CNN, NCN, and CCO radicals. Journal of Chemical Physics, 2005, 122, 094309.	3.0	3
22	Inner-shell excitation of acetylene by electron impact. Physical Review A, 2005, 72, .	2.5	3
23	Elastic cross sections for electron-ketenylidene(C2O)collisions. Physical Review A, 2004, 69, .	2.5	6
24	Vibrational elastic and excitation cross-sections for electronâ€“nitric oxide collisions. Computational and Theoretical Chemistry, 2004, 671, 59-66.	1.5	1
25	The role played by electronic correlation of target on the vibrational excitation cross sections of H 2 by electron impact. Computational and Theoretical Chemistry, 2001, 541, 51-57.	1.5	1
26	Application of the method of continued fractions to multichannel studies on electronic excitation ofH2by electron impact. Physical Review A, 2001, 63, .	2.5	14
27	Elastic and absorption cross sections for electron-nitric oxide collisions. Journal of Physics B: Atomic, Molecular and Optical Physics, 2000, 33, 4759-4768.	1.5	11
28	Cross sections and polarization fractions for elasticeâ^'â^'O2collisions. Physical Review A, 1999, 60, 1199-1205.	2.5	26
29	Electronic excitation of the a3 â^'g+ and c3Îu states of H2 by electron impact using the method of continued fractions. Computational and Theoretical Chemistry, 1998, 432, 197-209.	1.5	13
30	Second-order distorted-wave study for low- and intermediate-energy elastic electron scattering by the hydrogen molecule. Journal of Physics B: Atomic, Molecular and Optical Physics, 1997, 30, L221-L229.	1.5	1
31	Application of the method of continued fractions to low-energy electron scattering by the hydrogen molecule. Computational and Theoretical Chemistry, 1997, 394, 117-125.	1.5	9
32	Vibronic excitation cross-sections for the X1â^'g+(Î½ = 0) â†' ClÎu(Î½â€² = 0,1,2,3) transitions in H2 by electron impact. Computational and Theoretical Chemistry, 1997, 394, 127-133.	1.5	2
33	A distorted-wave study of electronic excitation to some low-lying states of CO by electron impact. Journal of Physics B: Atomic, Molecular and Optical Physics, 1996, 29, 4285-4301.	1.5	18
34	Electronic excitation of the b state of by electron impact using the method of continued fractions. Journal of Physics B: Atomic, Molecular and Optical Physics, 1996, 29, L425-L431.	1.5	12
35	Application of the method of continued fractions for electron scattering by linear molecules. Journal of Physics B: Atomic, Molecular and Optical Physics, 1995, 28, 3325-3334.	1.5	13
36	The method of continued fractions for electron (positron)-atom scattering. Journal of Physics B: Atomic, Molecular and Optical Physics, 1995, 28, L299-L305.	1.5	12

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37	Elastic electron scattering by open-shell systems: an application to e–NO. Journal of Physics B: Atomic, Molecular and Optical Physics, 1992, 25, L505-L510.	1.5	16