

Milton M Fujimoto

List of Publications by Year in descending order

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37
papers

348
citations

759233

12
h-index

839539

18
g-index

37
all docs

37
docs citations

37
times ranked

243
citing authors

#	ARTICLE	IF	CITATIONS
1	A dissociative electron attachment cross-section estimator. Journal of Physics: Conference Series, 2012, 388, 012013.	0.4	61
2	Cross sections and polarization fractions for elastic e^-O_2 collisions. Physical Review A, 1999, 60, 1199-1205.	2.5	26
3	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
4	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
5	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
6	Low-energy electron collisions with the alanine molecule. European Physical Journal D, 2014, 68, 1.	1.3	16
7	Vibrational cross sections for positron scattering by nitrogen molecules. Physical Review A, 2010, 82, .	2.5	15
8	Application of the method of continued fractions to multichannel studies on electronic excitation of H_2 by electron impact. Physical Review A, 2001, 63, .	2.5	14
9	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
10	Electronic excitation of the $a^3 \sigma^+$ and $c^3 \pi_u$ states of H_2 by electron impact using the method of continued fractions. Computational and Theoretical Chemistry, 1998, 432, 197-209.	1.5	13
11	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
12	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
13	Cross sections for electron e^-C_2 collisions. Chemical Physics, 2005, 309, 177-182.	1.9	12
14	Elastic scattering of low-energy electrons by CH_3CN and CH_3NC molecules. European Physical Journal D, 2015, 69, 1.	1.3	12
15	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
16	Photoabsorption and photoionization cross sections for formaldehyde in the vacuum-ultraviolet energy range. Journal of Chemical Physics, 2017, 146, .	3.0	11
17	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
18	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

#	ARTICLE	IF	CITATIONS
19	Low energy scattering of positrons by. Nuclear Instruments & Methods in Physics Research B, 2010, 268, 178-182.	1.4	7
20	Elastic cross sections for electron-ketenylidene(C2O)collisions. Physical Review A, 2004, 69, .	2.5	6
21	Averaged electron collision cross sections for thermal mixtures of α -alanine conformers in the gas phase. Journal of Physics B: Atomic, Molecular and Optical Physics, 2017, 50, 195201.	1.5	6
22	Comparative study for elastic electron collisions on C2N2 isomers. Physical Review A, 2006, 74, .	2.5	5
23	Averaged electron collision cross sections for thermal mixtures of α -alanine conformers in the gas phase. Journal of Physics B: Atomic, Molecular and Optical Physics, 2016, 49, 215201.	1.5	4
24	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
25	Inner-shell excitation of acetylene by electron impact. Physical Review A, 2005, 72, .	2.5	3
26	Vibronic excitation cross-sections for the $X^1\tilde{g}^+(\hat{1}\frac{1}{2} = 0) \hat{a}^+$ $\tilde{C}^1\tilde{u}(\hat{1}\frac{1}{2}\hat{\epsilon}^2 = 0,1,2,3)$ transitions in H2 by electron impact. Computational and Theoretical Chemistry, 1997, 394, 127-133.	1.5	2
27	Spin-exchange effects in elastic electron-radical collisions. Physical Review A, 2006, 73, .	2.5	2
28	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
29	Electronic excitation cross section in positron scattering by H2 molecules using distorted-wave method. European Physical Journal D, 2018, 72, 1.	1.3	2
30	Theoretical study of the low-energy electron-collision cross sections of isomers HOOCI, HOCIO and HCLOO in gas phase. Journal of Physics B: Atomic, Molecular and Optical Physics, 2019, 52, 165201.	1.5	2
31	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
32	The role played by electronic correlation of target on the vibrational excitation cross sections of H2 by electron impact. Computational and Theoretical Chemistry, 2001, 541, 51-57.	1.5	1
33	Vibrational elastic and excitation cross-sections for electron-nitric oxide collisions. Computational and Theoretical Chemistry, 2004, 671, 59-66.	1.5	1
34	Comparative study of elastic electron collisions on the isoelectronic SiN2, SiCO, and CSiO radicals. Physical Review A, 2007, 76, .	2.5	1
35	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
36	Elastic electron collisions with trimethyl phosphate. Journal of Physics B: Atomic, Molecular and Optical Physics, 2021, 54, 075203.	1.5	1

#	ARTICLE	IF	CITATIONS
37	Spin-exchange effects in elastic electron scattering from linear triatomic radicals. Journal of the Brazilian Chemical Society, 2010, 21, 226-233.	0.6	0