

Rafael F C Neves

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

286
citations

840776

11
h-index

1058476

14
g-index

17
all docs

17
docs citations

17
times ranked

199
citing authors

#	ARTICLE	IF	CITATIONS
1	Electron impact ionisation and fragmentation of methanol and ethanol. International Journal of Mass Spectrometry, 2016, 404, 48-59.	1.5	41
2	An experimental and theoretical investigation into the excited electronic states of phenol. Journal of Chemical Physics, 2014, 141, 074314.	3.0	34
3	Triply differential (e,2e) studies of phenol. Journal of Chemical Physics, 2014, 141, 124307.	3.0	30
4	Differential cross sections for electron impact excitation of the electronic bands of phenol. Journal of Chemical Physics, 2015, 142, 104305.	3.0	25
5	The electron-furfural scattering dynamics for 63 energetically open electronic states. Journal of Chemical Physics, 2016, 144, 124310.	3.0	23
6	Electron impact ionization of 1-propanol. International Journal of Mass Spectrometry, 2017, 422, 32-41.	1.5	23
7	Electronic excitation of furfural as probed by high-resolution vacuum ultraviolet spectroscopy, electron energy loss spectroscopy, and <i>ab initio</i> calculations. Journal of Chemical Physics, 2015, 143, 144308.	3.0	19
8	Electron impact ionization of 1-butanol: II. Total ionization cross sections and appearance energies. International Journal of Mass Spectrometry, 2018, 430, 44-51.	1.5	19
9	Integral cross sections for electron impact excitation of vibrational and electronic states in phenol. Journal of Chemical Physics, 2015, 142, 194305.	3.0	15
10	Electron impact ionization and fragmentation of biofuels. European Physical Journal D, 2020, 74, 1.	1.3	14
11	Intermediate energy electron impact excitation of composite vibrational modes in phenol. Journal of Chemical Physics, 2015, 142, 194302.	3.0	12
12	Theoretical and experimental differential cross sections for electron impact excitation of the electronic bands of furfural. Journal of Chemical Physics, 2016, 144, 124309.	3.0	11
13	Electron impact ionization of 1-butanol: I. Mass spectra and partial ionization cross sections. International Journal of Mass Spectrometry, 2018, 430, 158-167.	1.5	11
14	Excitation of vibrational quanta in furfural by intermediate-energy electrons. Journal of Chemical Physics, 2015, 143, 224304.	3.0	9
15	Low Energy Electron Scattering from Fuels. Journal of Physics: Conference Series, 2012, 388, 052075.	0.4	0
16	EDUCAÇÃO FINANCEIRA COMO ESTRATÉGIA NA FORMAÇÃO INTEGRAL DOS ESTUDANTES DA EDUCAÇÃO PROFISSIONAL E TECNOLÓGICA. Revista Brasileira Da Educação Profissional E Tecnológica, 2021, 1, e10019.	0.1	0