

# Anna Rita Casavola

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

11  
papers

118  
citations

6  
h-index

10  
g-index

11  
ext. papers

139  
ext. citations

2.9  
avg, IF

1.58  
L-index

#	Paper	IF	Citations
11	Ionization of 2- and 4(5)-Nitroimidazoles Radiosensitizers: A "Kinetic Competition" Between NO and NO Losses. <i>ChemPhysChem</i> , <b>2021</b> , 22, 2387-2391	3.2	0
10	Inner shell photofragmentation of 2Cl-pyrimidine studied by mass spectrometry and electron-ion coincidence experiments. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , <b>2020</b> , 53, 244004	1.3	2
9	VUV Photofragmentation of Chloriodomethane: The Iso-CHI-Cl and Iso-CHCl-I Radical Cation Formation. <i>Journal of Physical Chemistry A</i> , <b>2020</b> , 124, 7491-7499	2.8	2
8	Radiation Damage Mechanisms of Chemotherapeutically Active Nitroimidazole Derived Compounds. <i>Frontiers in Chemistry</i> , <b>2019</b> , 7, 329	5	6
7	VUV Photofragmentation of CH <sub>2</sub> I <sub>2</sub> : The [CH <sub>2</sub> I-I] (II) Iso-diiodomethane Intermediate in the I-Loss Channel from [CH <sub>2</sub> I <sub>2</sub> ] <sup>+</sup> (I). <i>Journal of Physical Chemistry A</i> , <b>2015</b> , 119, 3704-9	2.8	8
6	A joint theoretical and experimental study on diiodomethane: Ions and neutrals in the gas phase. <i>Journal of Chemical Physics</i> , <b>2015</b> , 143, 244312	3.9	14
5	Competition between electron-donor and electron-acceptor substituents in nitrotoluene isomers: a photoelectron spectroscopy and ab initio investigation. <i>RSC Advances</i> , <b>2014</b> , 4, 5272	3.7	9
4	Photofragmentation of halogenated pyrimidine molecules in the VUV range. <i>Journal of the American Society for Mass Spectrometry</i> , <b>2014</b> , 25, 351-67	3.5	24
3	An experimental and computational study of the valence photoelectron spectra of halogenated pyrimidines. <i>Molecular Physics</i> , <b>2009</b> , 107, 2025-2037	1.7	17
2	Modeling Laser Induced Plasma Expansion Under Equilibrium Conditions <b>2007</b> ,		1
1	Experimental and theoretical investigation of laser-induced plasma of a titanium target. <i>Applied Optics</i> , <b>2003</b> , 42, 5963-70	1.7	35