

# Anna Rita Casavola

## List of Publications by Year in descending order

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11  
papers

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docs citations

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237  
citing authors

#	ARTICLE	IF	CITATIONS
1	Ionization of 2 and 4(5)-Nitroimidazoles Radiosensitizers: A Kinetic Competition Between NO <sub>2</sub> and NO Losses. ChemPhysChem, 2021, 22, 2387-2391.	2.1	5
2	VUV Photofragmentation of Chloriodomethane: The Iso-CH <sub>2</sub> I <sup>+</sup> Cl and Iso-CH <sub>2</sub> Cl <sup>+</sup> I Radical Cation Formation. Journal of Physical Chemistry A, 2020, 124, 7491-7499.	2.5	5
3	Inner shell photofragmentation of 2Cl-pyrimidine studied by mass spectrometry and electron-ion coincidence experiments. Journal of Physics B: Atomic, Molecular and Optical Physics, 2020, 53, 244004.	1.5	3
4	Radiation Damage Mechanisms of Chemotherapeutically Active Nitroimidazole Derived Compounds. Frontiers in Chemistry, 2019, 7, 329.	3.6	10
5	A joint theoretical and experimental study on diiodomethane: Ions and neutrals in the gas phase. Journal of Chemical Physics, 2015, 143, 244312.	3.0	20
6	VUV Photofragmentation of CH <sub>2</sub> I <sub>2</sub> : The [CH <sub>2</sub> I <sup>+</sup> ] <sup>+</sup> Iso-diiodomethane Intermediate in the I-Loss Channel from [CH <sub>2</sub> I <sub>2</sub> ] <sup>+</sup> . Journal of Physical Chemistry A, 2015, 119, 3704-3709.	2.5	12
7	Competition between electron-donor and electron-acceptor substituents in nitrotoluene isomers: a photoelectron spectroscopy and ab initio investigation. RSC Advances, 2014, 4, 5272.	3.6	11
8	Photofragmentation of Halogenated Pyrimidine Molecules in the VUV Range. Journal of the American Society for Mass Spectrometry, 2014, 25, 351-367.	2.8	30
9	An experimental and computational study of the valence photoelectron spectra of halogenated pyrimidines. Molecular Physics, 2009, 107, 2025-2037.	1.7	21
10	Modeling Laser Induced Plasma Expansion Under Equilibrium Conditions. , 2007, , .		1
11	Experimental and theoretical investigation of laser-induced plasma of a titanium target. Applied Optics, 2003, 42, 5963.	2.1	41