Susanna Piccirillo

List of Publications by Year
in descending order

48	1,033	394421	434195
papers	citations	19 h-index	31 g-index

48	48	48	686
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Excited state dynamics of Znâ€“salophen complexes. Photochemical and Photobiological Sciences, 2022, 21, 923-934.	2.9	1
2	Experimental and Theoretical Soft X-ray Study of Nicotine and Related Compounds. Journal of Physical Chemistry A, 2020, 124, 4025-4035.	2.5	6
3	Ultra-Fast-VUV Photoemission Study of UV Excited 2-Nitrophenol. Journal of Physical Chemistry A, 2019, 123, 1295-1302.	2.5	14
4	Real time evolution of unprotected protonated galactosamine probed by IRMPD spectroscopy. Physical Chemistry Chemical Physics, 2018, 20, 8737-8743.	2.8	6
5	Adenosine monophosphate recognition by zincâ€“salophen complexes: IRMPD spectroscopy and quantum modeling study. Journal of Molecular Spectroscopy, 2017, 335, 108-116.	1.2	12
6	Hydrolysis of cis- and transplatin: structure and reactivity of the aqua complexes in a solvent free environment. RSC Advances, 2017, 7, 15877-15884.	3.6	34
7	Experimental and Computational Investigation of Salophenâ€“Zn Gas Phase Complexes with Cations: A Source of Possible Interference in Anionic Recognition. Journal of Physical Chemistry A, 2017, 121, 7042-7050.	2.5	1
8	Cisplatin and transplatin interaction with methionine: bonding motifs assayed by vibrational spectroscopy in the isolated ionic complexes. Physical Chemistry Chemical Physics, 2017, 19, 26697-26707.	2.8	26
9	Chlorine Para-Substitution of 1-Phenylethanol: Resonant Photoionization Spectroscopy and Quantum Chemical Calculations of Hydrated and Diastereomeric Complexes. Journal of Physical Chemistry A, 2016, 120, 5023-5031.	2.5	1
10	Anion Recognition by Uranylâ€“Salophen Derivatives as Probed by Infrared Multiple Photon Dissociation Spectroscopy and Ab Initio Modeling. Chemistry - A European Journal, 2014, 20, 11783-11792.	3.3	13
11	Cationâ^Ï€ Interactions in Protonated Phenylalkylamines. Journal of Physical Chemistry A, 2014, 118, 7130-7138.	2.5	42
12	Conformational Sensitivity in Photoelectron Circular Dichroism of 3â€Methylcyclopentanone. ChemPhysChem, 2013, 14, 1723-1732.	2.1	35
13	Ultraviolet and infrared spectroscopy of neutral and ionic non-covalent diastereomeric complexes in the gas phase. Rendiconti Lincei, 2013, 24, 259-267.	2.2	5
14	Probing the Competition among Different Coordination Motifs in Metalâ€“Ciprofloxacin Complexes through IRMPD Spectroscopy and DFT Calculations. Inorganic Chemistry, 2013, 52, 103-112.	4.0	9
15	Protonated pyrimidine nucleosides probed by IRMPD spectroscopy. International Journal of Mass Spectrometry, 2013, 354-355, 54-61.	1.5	39
16	The effect of fluorine substitution on chiral recognition: interplay of CHâ‹¯Ï€, OHâ‹¯Ï€ and CHâ‹¯F interactions in gas-phase complexes of 1-aryl-1-ethanol with butan-2-ol. Physical Chemistry Chemical Physics, 2013, 15, 19360.	2.8	8
17	Chirality Effects on the IRMPD Spectra of Basket Resorcinarene/Nucleoside Complexes. Chemistry - A European Journal, 2012, 18, 8320-8328.	3.3	29
18	Chiral recognition between 1-(4-fluorophenyl)ethanol and 2-butanol: higher binding energy of homochiral complexes in the gas phase. Physical Chemistry Chemical Physics, 2011, 13, 818-824.	2.8	5

#	Article	IF	Citations
19	Cysteine radical cation: A distonic structure probed by gas phase IR spectroscopy. Physical Chemistry Chemical Physics, 2010, 12, 9794.	2.8	55
20	Molecular and supramolecular chirality: R2PI spectroscopy as a tool for the gasâ€phase recognition of chiral systems of biological interest. Chirality, 2009, 21, 119-144.	2.6	17
21	Conformational Landscape of Supersonically Expanded 1â€(Fluorophenyl)ethanols and Their Monohydrated Clusters. ChemPhysChem, 2009, 10, 1859-1867.	2.1	4
22	Enantioselective HF Loss Promoted by Resonant Two-Photon Ionization of Supersonically Expanded (R)-1-Phenyl-2,2,2-trifluoroethanol Clusters. Journal of Physical Chemistry A, 2009, 113, 15127-15135.	2.5	4
23	Monosolvation of R-1-Phenyl-2,2,2-trifluoroethanol with Amines:â€‰ Configurational Effects on the Excitation, Ionization, and Fragmentation of Diastereomeric Complexes. Journal of Physical Chemistry A, 2007, 111, 12559-12563.	2.5	7
24	Dissymmetry effects on the laser spectroscopy of supersonically expanded rare gas/chiral arene heteroclusters. Physical Chemistry Chemical Physics, 2007, 9, 1676.	2.8	5
25	Van der Waals interactions in a monosolvated chiral fluorinated molecule: R2PI vibroelectronic spectra of (R)-1-phenyl-2,2,2-trifluoroethanol clustered with water. Chemical Physics Letters, 2007, 435, 230-235.	2.6	14
26	Modelling neurotransmitter functions: a laser spectroscopic study of (1S,2S)-N-methyl pseudoephedrine and its complexes with achiral and chiral molecules. Organic and Biomolecular Chemistry, 2006, 4, 2012.	2.8	8
27	Photo-ionization spectroscopy and mass spectrometry of some molecular and supramolecular asymmetric systems in the isolated state. Chirality, 2006, 18, 562-568.	2.6	6
28	Angle-Resolved Photoelectron Spectroscopy of Randomly Oriented 3-Hydroxytetrahydrofuran Enantiomers. ChemPhysChem, 2005, 6, 1164-1168.	2.1	33
29	Chiral recognition by mass-resolved laser spectroscopy. Mass Spectrometry Reviews, 2005, 24, 588-610.	5.4	41
30	Excitation, Ionization, and Fragmentation of Chiral Molecules in Asymmetric Microenvironments:â€‰ A Mass-Resolved R2PI Spectroscopic Study. Journal of Physical Chemistry A, 2005, 109, 1828-1835.	2.5	10
31	Chiral clusters in a supersonic beam: R2PI-TOF spectroscopy of diastereomeric carboxylic esters/(R)-(+)-1-phenyl-1-propanol complexes. Organic and Biomolecular Chemistry, 2005, 3, 3984.	2.8	16
32	Homolytic CÎ±ï£¿CÎ² Bond Cleavage in a Chiral Alkylarene Radical Cation: Effects of Asymmetric Microsolvation. Angewandte Chemie - International Edition, 2004, 43, 1868-1871.	13.8	18
33	Mass resolved laser spectroscopy of micro-solvated R-(+)-1-phenyl-1-propanol: A chiral molecule of biological interest. Physical Chemistry Chemical Physics, 2004, 6, 2858.	2.8	10
34	Gas-phase complexes: noncovalent interactions and stereospecificity. International Journal of Mass Spectrometry, 2003, 223-224, 159-168.	1.5	15
35	Chiral discrimination of 2,3-butanediols by laser spectroscopy. Chemical Communications, 2002, , 2438-2439.	4.1	13
36	R2PI Study of intermolecular hydrogen bond in solvent-free chiral complexes. Chirality, 2001, 13, 727-730.	2.6	12

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37	Short-Range Interactions within Molecular Complexes Formed in Supersonic Beams: Structural Effects and Chiral Discrimination. Chemistry - A European Journal, 2000, 6, 1042-1049.	3.3	44
38	Energetics of monohydrated chiral R(+)-1-phenyl-1-propanol: supersonic beam experiments and density functional calculations. Chemical Physics Letters, 2000, 316, 94-100.	2.6	34
39	Gas-phase enantioselectivity. International Journal of Mass Spectrometry, 2000, 198, 137-163.	1.5	115
40	Chirality and intermolecular forces: studies using R2PI experiments in supersonic beams. Physical Chemistry Chemical Physics, 2000, 2, 4139-4142.	2.8	49
41	Spectroscopic enantiodifferentiation of chiral molecules in the gas phase. Chirality, 1999, 11, 376-380.	2.6	29
42	Energetics of Molecular Complexes in a Supersonic Beam: A Novel Spectroscopic Tool for Enantiomeric Discrimination. Angewandte Chemie - International Edition, 1999, 38, 815-817.	13.8	44
43	Gas-Phase Enantiodifferentiation of Chiral Molecules: Chiral Recognition of 1-Phenyl-1-propanol/2-Butanol Clusters by Resonance Enhanced Multiphoton Ionization Spectroscopy. Angewandte Chemie International Edition in English, 1997, 36, 1729-1731.	4.4	46
44	Solvation of charge in aromatic/noble gas Van der Waals clusters. Chemical Physics Letters, 1997, 273, 389-396.	2.6	16
45	R2PI detection and spectroscopy of van der Waals complexes of 4-fluorostyrene with rare gases. Chemical Physics Letters, 1995, 236, 580-586.	2.6	27
46	Resonant two-photon ionization of van der Waals adducts of 4-fluorostyrene with monomethylamine and monoethylamine: intracluster chemical reactions. Chemical Physics Letters, 1995, 247, 577-583.	2.6	13
47	Isomeric structures, van der Waals frequencies and spectral shifts of cold 4-fluorostyrene-(argon)n clusters (n = 1 to 4). Chemical Physics, 1994, 187, 97-106.	1.9	20
48	Spectroscopy of 4-fluorostyrene clusters. Journal of Molecular Structure, 1993, 293, 197-200.	3.6	22