

# Davide Corinti

## List of Publications by Year in descending order

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32  
papers

455  
citations

623734

14  
h-index

713466

21  
g-index

33  
all docs

33  
docs citations

33  
times ranked

538  
citing authors

#	ARTICLE	IF	CITATIONS
1	Applications of Infrared Multiple Photon Dissociation (IRMPD) to the Detection of Posttranslational Modifications. <i>Chemical Reviews</i> , 2020, 120, 3261-3295.	47.7	51
2	Initial Protein Unfolding Events in Ubiquitin, Cytochrome c and Myoglobin Are Revealed with the Use of 213 nm UVPD Coupled to IM-MS. <i>Journal of the American Society for Mass Spectrometry</i> , 2019, 30, 24-33.	2.8	35
3	Hydrolysis of cis- and transplatin: structure and reactivity of the aqua complexes in a solvent free environment. <i>RSC Advances</i> , 2017, 7, 15877-15884.	3.6	34
4	Cisplatin Binding to Biological Ligands Revealed at the Encounter Complex Level by IR Action Spectroscopy. <i>Chemistry - A European Journal</i> , 2016, 22, 3794-3803.	3.3	33
5	Cisplatin Primary Complex with $\epsilon$ -Histidine Target Revealed by IR Multiple Photon Dissociation (IRMPD) Spectroscopy. <i>ChemPhysChem</i> , 2017, 18, 318-325.	2.1	33
6	Cisplatin and transplatin interaction with methionine: bonding motifs assayed by vibrational spectroscopy in the isolated ionic complexes. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 26697-26707.	2.8	26
7	IR ion spectroscopy in a combined approach with MS/MS and IM-MS to discriminate epimeric anthocyanin glycosides (cyanidin 3-O-glucoside and -galactoside). <i>International Journal of Mass Spectrometry</i> , 2019, 444, 116179.	1.5	22
8	A multi-methodological inquiry of the behavior of cisplatin-based Pt(IV) derivatives in the presence of bioreductants with a focus on the isolated encounter complexes. <i>Journal of Biological Inorganic Chemistry</i> , 2020, 25, 655-670.	2.6	22
9	$\epsilon$ -Cysteine Modified by S-Sulfation: Consequence on Fragmentation Processes Elucidated by Tandem Mass Spectrometry and Chemical Dynamics Simulations. <i>Journal of Physical Chemistry A</i> , 2019, 123, 3685-3696.	2.5	20
10	Short-lived intermediates (encounter complexes) in cisplatin ligand exchange elucidated by infrared ion spectroscopy. <i>International Journal of Mass Spectrometry</i> , 2019, 435, 7-17.	1.5	20
11	Insights into Cisplatin Binding to Uracil and Thiouracils from IRMPD Spectroscopy and Tandem Mass Spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , 2020, 31, 946-960.	2.8	19
12	An integrated approach to study novel properties of a MALDI matrix (4-maleicanhydridoproton) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 30	3.7	18
13	Tranylcypromine-Based LSD1 Inhibitors: Structure-Activity Relationships, Antiproliferative Effects in Leukemia, and Gene Target Modulation. <i>ChemMedChem</i> , 2020, 15, 643-658.	3.2	18
14	Complexation of halide ions to tyrosine: role of non-covalent interactions evidenced by IRMPD spectroscopy. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 4429-4441.	2.8	16
15	Binding motifs of cisplatin interaction with simple biomolecules and aminoacid targets probed by IR ion spectroscopy. <i>Pure and Applied Chemistry</i> , 2020, 92, 3-13.	1.9	14
16	Design and Synthesis of Piperazine-Based Compounds Conjugated to Humanized Ferritin as Delivery System of siRNA in Cancer Cells. <i>Bioconjugate Chemistry</i> , 2021, 32, 1105-1116.	3.6	14
17	Vibrational signatures of curcumin's chelation in copper(II) complexes: An appraisal by IRMPD spectroscopy. <i>Journal of Chemical Physics</i> , 2019, 150, 165101.	3.0	8
18	Elusive Intermediates in the Breakdown Reactivity Patterns of Prodrug Platinum(IV) Complexes. <i>Journal of the American Society for Mass Spectrometry</i> , 2019, 30, 1881-1894.	2.8	8

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19	From Preassociation to Chelation: A Survey of Cisplatin Interaction with Methionine at Molecular Level by IR Ion Spectroscopy and Computations. <i>Journal of the American Society for Mass Spectrometry</i> , 2021, 32, 2206-2217.	2.8	7
20	Molecular Basis for the Remarkably Different Gas-Phase Behavior of Deprotonated Thyroid Hormones Triiodothyronine (T3) and Reverse Triiodothyronine (rT3): A Clue for Their Discrimination?. <i>Analytical Chemistry</i> , 2021, 93, 14869-14877.	6.5	7
21	Molecular Properties of Bare and Microhydrated Vitamin B5â€“Calcium Complexes. <i>International Journal of Molecular Sciences</i> , 2021, 22, 692.	4.1	5
22	Cationâ€“Interactions between a Noble Metal and a Polyfunctional Aromatic Ligand: Ag<sup>+</sup>(benzylamine). <i>Chemistry - A European Journal</i> , 2022, 28, .	3.3	5
23	IRMPD signature of protonated pantothenic acid, an ubiquitous nutrient. <i>Chemical Physics Letters</i> , 2016, 646, 162-167.	2.6	4
24	Photoionization mass spectrometry of $\beta$ -phenylalkylamines: Role of radical cation- $\pi$ interaction. <i>Journal of Chemical Physics</i> , 2018, 148, 164307.	3.0	3
25	Can an Elusive Platinum(III) Oxidation State be Exposed in an Isolated Complex?. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 15595-15598.	13.8	3
26	Binding Motifs in the Naked Complexes of Target Amino Acids with an Excerpt of Antitumor Active Biomolecule: An Ion Vibrational Spectroscopy Assay. <i>Chemistry - A European Journal</i> , 2021, 27, 2348-2360.	3.3	3
27	Heterocycle-containing tranylcypromine derivatives endowed with high anti-LSD1 activity. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2022, 37, 973-985.	5.2	2
28	IRMPD Spectroscopy of Bare Monodeprotonated Genistein, an Antioxidant Flavonoid. <i>ACS Omega</i> , 0, , .	3.5	2
29	Structure and dynamics of gas phase ions: Interplay between experiments and computations in IRMPD spectroscopy. <i>AIP Conference Proceedings</i> , 2017, , .	0.4	1
30	Can an Elusive Platinum(III) Oxidation State be Exposed in an Isolated Complex?. <i>Angewandte Chemie</i> , 2020, 132, 15725-15728.	2.0	1
31	IRMPD Spectra of Protonated Hydroxybenzaldehydes: Evidence of Torsional Barriers in Carboxonium Ions. <i>ChemPhysChem</i> , 2020, 21, 749-761.	2.1	1
32	Ligation Motifs in Zinc-Bound Sulfonamide Drugs Assayed by IR Ion Spectroscopy. <i>Molecules</i> , 2022, 27, 3144.	3.8	0