

Francesco Lanucara

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

1,518
citations

394421

19
h-index

552781

26
g-index

26
all docs

26
docs citations

26
times ranked

2311
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Global Proteomic Analysis of Human Liver Microsomes: Rapid Characterization and Quantification of Hepatic Drug-Metabolizing Enzymes. <i>Drug Metabolism and Disposition</i> , 2017, 45, 666-675. | 3.3 | 42 |
| 2 | Dynamic phosphorylation of RelA on Ser42 and Ser45 in response to TNF α stimulation regulates DNA binding and transcription. <i>Open Biology</i> , 2016, 6, 160055. | 3.6 | 19 |
| 3 | Probing the exposure of the phosphate group in modified amino acids and peptides by ion-molecule reactions with triethoxyborane in Fourier transform ion cyclotron resonance mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2014, 28, 1107-1116. | 1.5 | 2 |
| 4 | Unblocking the Sink: Improved CID-Based Analysis of Phosphorylated Peptides by Enzymatic Removal of the Basic C-Terminal Residue. <i>Journal of the American Society for Mass Spectrometry</i> , 2014, 25, 214-225. | 2.8 | 14 |
| 5 | The power of ion mobility-mass spectrometry for structural characterization and the study of conformational dynamics. <i>Nature Chemistry</i> , 2014, 6, 281-294. | 13.6 | 753 |
| 6 | Kinetic control in the CID-induced elimination of H ₃ PO ₄ from phosphorylated serine probed using IRMPD spectroscopy. <i>Chemical Communications</i> , 2014, 50, 3845-3848. | 4.1 | 30 |
| 7 | Gas-phase intermolecular phosphate transfer within a phosphohistidine phosphopeptide dimer. <i>International Journal of Mass Spectrometry</i> , 2014, 367, 28-34. | 1.5 | 23 |
| 8 | Top-down mass spectrometry for the analysis of combinatorial post-translational modifications. <i>Mass Spectrometry Reviews</i> , 2013, 32, 27-42. | 5.4 | 57 |
| 9 | Infrared spectroscopy of nucleotides in the gas phase 2. The protonated cyclic 3 ϵ ,5 ϵ -adenosine monophosphate. <i>RSC Advances</i> , 2013, 3, 12711. | 3.6 | 25 |
| 10 | N-nitrosation of N-acetyltryptophan probed by IR spectroscopy of the gaseous anion. <i>Chemical Physics Letters</i> , 2013, 588, 215-219. | 2.6 | 5 |
| 11 | IR Signature of NO Binding to a Ferrous Heme Center. <i>Journal of Physical Chemistry Letters</i> , 2013, 4, 2414-2417. | 4.6 | 24 |
| 12 | Attempting to rewrite <i>His</i> story: challenges with the analysis of histidine-phosphorylated peptides. <i>Biochemical Society Transactions</i> , 2013, 41, 1089-1095. | 3.4 | 30 |
| 13 | S-nitrosation of cysteine as evidenced by IRMPD spectroscopy. <i>International Journal of Mass Spectrometry</i> , 2012, 330-332, 160-167. | 1.5 | 31 |
| 14 | Naked Five-Coordinate Fe ^{III} (NO) Porphyrin Complexes: Vibrational and Reactivity Features. <i>Inorganic Chemistry</i> , 2011, 50, 4445-4452. | 4.0 | 47 |
| 15 | Biomimetic Oxidation Reactions of a Naked Manganese(V) Oxo Porphyrin Complex. <i>Chemistry - A European Journal</i> , 2011, 17, 12092-12100. | 3.3 | 19 |
| 16 | Mass Spectrometric-Based Quantitative Proteomics Using SILAC. <i>Methods in Enzymology</i> , 2011, 500, 133-150. | 1.0 | 20 |
| 17 | Probing Bare High-Valent Transition Oxo-Metal Complexes: An Electrospray Ionization Fourier Transform Ion Cyclotron Resonance Study of Reactive Intermediates. <i>European Journal of Mass Spectrometry</i> , 2010, 16, 407-414. | 1.0 | 5 |
| 18 | Probing Spin-Forbidden Oxygen-Atom Transfer: Gas-Phase Reactions of Chromium Porphyrin Complexes. <i>Journal of the American Chemical Society</i> , 2010, 132, 4336-4343. | 13.7 | 20 |

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|----|---|------|-----------|
| 19 | IRMPD spectroscopy of protonated S-nitrosocaptopril, a biologically active, synthetic amino acid. <i>Physical Chemistry Chemical Physics</i> , 2010, 12, 13455. | 2.8 | 20 |
| 20 | Molecular Complexes of Simple Anions with Electron-Deficient Arenes: Spectroscopic Evidence for Two Types of Structural Motifs for Anion-Arene Interactions. <i>Chemistry - A European Journal</i> , 2009, 15, 8185-8195. | 3.3 | 44 |
| 21 | Oxygen-Atom Transfer by a Naked Manganese(V)-Oxo-Porphyrin Complex Reveals Axial Ligand Effect. <i>Chemistry - A European Journal</i> , 2009, 15, 7863-7866. | 3.3 | 50 |
| 22 | Direct Probe of NO Vibration in the Naked Ferric Heme Nitrosyl Complex. <i>ChemPhysChem</i> , 2008, 9, 826-828. | 2.1 | 33 |
| 23 | Infrared spectroscopy of isolated nucleotides. 1. The cyclic 3',5'-adenosine monophosphate anion. <i>International Journal of Mass Spectrometry</i> , 2008, 270, 111-117. | 1.5 | 43 |
| 24 | Probing the Compound I-like Reactivity of a Bare High-Valent Oxo Iron Porphyrin Complex: The Oxidation of Tertiary Amines. <i>Journal of the American Chemical Society</i> , 2008, 130, 3208-3217. | 13.7 | 84 |
| 25 | Meisenheimer Complexes Positively Characterized as Stable Intermediates in the Gas Phase. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 1995-1998. | 13.8 | 68 |