

# Elena Molteni

## List of Publications by Year in descending order

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28  
papers

739  
citations

840776

11  
h-index

580821

25  
g-index

30  
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30  
docs citations

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times ranked

822  
citing authors

#	ARTICLE	IF	CITATIONS
1	Metallochaperones and Metal-Transporting ATPases: A Comparative Analysis of Sequences and Structures. <i>Genome Research</i> , 2002, 12, 255-271.	5.5	232
2	Interaction Of The Human Prion PrP(106~126) Sequence With Copper(II), Manganese(II), And Zinc(II): NMR and EPR Studies. <i>Journal of the American Chemical Society</i> , 2005, 127, 996-1006.	13.7	127
3	NMR Studies of the Zn <sup>2+</sup> Interactions with Rat and Human I <sup>2</sup> -Amyloid (1~28) Peptides in Water-Micelle Environment. <i>Journal of Physical Chemistry B</i> , 2008, 112, 100-109.	2.6	98
4	Structural features of the Cu(ii) complex with the rat A <sup>2</sup> (1~28) fragment. <i>Chemical Communications</i> , 2008, , 341-343.	4.1	48
5	Structure and Stability of the Cull Complexes with Tandem Repeats of the Chicken Prion. <i>Biochemistry</i> , 2005, 44, 12940-12954.	2.5	36
6	<sup>1</sup> H and <sup>13</sup> C-NMR and Molecular Dynamics Studies of Cyclosporin A Interacting with Magnesium(II) or Cerium(III) in Acetonitrile. Conformational Changes and cis-trans Conversion of Peptide Bonds. <i>Biophysical Journal</i> , 2006, 90, 1350-1361.	0.5	29
7	Heteronuclear and Homonuclear Cu <sup>2+</sup> and Zn <sup>2+</sup> Complexes with Multihistidine Peptides Based on Zebrafish Prion-like Protein. <i>Inorganic Chemistry</i> , 2009, 48, 7330-7340.	4.0	27
8	Tandem Repeat-Like Domain of ~Similar to Prion Protein~(StPrP) of Japanese Pufferfish Binds Cu(II) as Effectively as the Mammalian Protein~. <i>Biochemistry</i> , 2006, 45, 12227-12239.	2.5	20
9	Molecular Dynamics Study of the Cu <sup>2+</sup> Binding-Induced ~Structuring~ of the N-Terminal Domain of Human Prion Protein. <i>Journal of Physical Chemistry B</i> , 2009, 113, 3277-3279.	2.6	16
10	NMR and EPR structural delineation of copper(ii) complexes formed by kanamycin A in water. <i>Dalton Transactions</i> , 2004, , 363-368.	3.3	14
11	Fine tuning the structure of the Cu <sup>2+</sup> complex with the prion protein chicken repeat by proline isomerization. <i>Chemical Communications</i> , 2005, , 3298.	4.1	12
12	Coordination pattern, solution structure and DNA damage studies of the copper(ii) complex with the unusual aminoglycoside antibiotic hygromycin B. <i>Dalton Transactions</i> , 2010, 39, 9830.	3.3	11
13	Optical properties of organically functionalized silicon surfaces: Uracil-like nucleobases on Si(001). <i>Physical Review B</i> , 2017, 95, .	3.2	11
14	Solution Structures of Cyclosporin A and Its Complex with Dysprosium(III) in SDS Micelles: NMR and Molecular Dynamics Studies. <i>Journal of Physical Chemistry B</i> , 2008, 112, 828-835.	2.6	9
15	<sup>1</sup> H and <sup>13</sup> C NMR study of the complex formed by copper(II) with the nucleoside antibiotic sinefungin. <i>Journal of Inorganic Biochemistry</i> , 2007, 101, 1005-1012.	3.5	8
16	Extensive stacking of DHI-like monomers as a model of out-of-plane complexity in eumelanin protomolecules: Chemical and structural sensitivity of optical absorption spectra. <i>Chemical Physics</i> , 2019, 524, 92-100.	1.9	8
17	Effect of Cu <sup>II</sup> on the Complex between Kanamycin A and the Bacterial Ribosomal A Site. <i>ChemBioChem</i> , 2008, 9, 114-123.	2.6	6
18	The structure of the Ce(III)~Angiotensin II complex as obtained from NMR data and molecular dynamics calculations. <i>Journal of Inorganic Biochemistry</i> , 2003, 95, 225-229.	3.5	5

#	ARTICLE	IF	CITATIONS
19	Electronic structure of uracil-like nucleobases adsorbed on Si(001): uracil, thymine and 5-fluorouracil. <i>European Physical Journal B</i> , 2016, 89, 1.	1.5	5
20	Optical Properties of Free and Si(001)-Adsorbed Pyrimidinic Nucleobases. <i>Physica Status Solidi (B): Basic Research</i> , 2018, 255, 1700497.	1.5	4
21	A systematic study of the valence electronic structure of cyclo(Gly-Phe), cyclo(Trp-Tyr) and cyclo(Trp-Trp) dipeptides in the gas phase. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 26793-26805.	2.8	4
22	Eumelanin Adsorption on Silicon: Optical Properties of Si(001)-Adsorbed Eumelanin Tetrameric Protomolecules. <i>Journal of Physical Chemistry C</i> , 2020, 124, 9376-9384.	3.1	3
23	Ab Initio Spectroscopic Investigation of Pharmacologically Relevant Chiral Molecules: The Cases of Avibactam, Cepheids, and Idelalisib as Benchmarks for Antibiotics and Anticancer Drugs. <i>Symmetry</i> , 2021, 13, 601.	2.2	2
24	Structural Features of Apramycin Bound at the Bacterial Ribosome A Site as Detected by NMR and CD Spectroscopy. <i>ChemBioChem</i> , 2010, 11, 166-169.	2.6	1
25	Probing the role of metal ions on reversible peptide-protein interactions by NMR. <i>Spectroscopy</i> , 2004, 18, 251-256.	0.8	0
26	NMR Structural Model of the Interaction of Herbicides with the Photosynthetic Reaction Center from <i>Rhodobacter sphaeroides</i> . <i>ChemBioChem</i> , 2004, 5, 1237-1244.	2.6	0
27	SIMQUADNMR: a program for simulation and interpretation of multiple quantum-filtered NMR spectra of quadrupolar nuclei. <i>Journal of Magnetic Resonance</i> , 2005, 172, 142-151.	2.1	0
28	Spectroscopy of Adsorbates and the Role of Interfacial Interactions. , 2018, , 91-104.		0