

Elisa Bombarda

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

260
citations

1039406

9
h-index

1125271

13
g-index

14
all docs

14
docs citations

14
times ranked

377
citing authors

#	ARTICLE	IF	CITATIONS
1	Structural and Biophysical Analysis of the Phytochelatin-Synthase-Like Enzyme from <i>Nostoc</i> sp. Shows That Its Protease Activity is Sensitive to the Redox State of the Substrate. ACS Chemical Biology, 2022, 17, 883-897.	1.6	3
2	Serine and Cysteine Peptidases: So Similar, Yet Different. How the Active-Site Electrostatics Facilitates Different Reaction Mechanisms. Journal of Physical Chemistry B, 2022, 126, 4035-4048.	1.2	9
3	Chemoselective Attachment of the Water-Soluble Dark Quencher HydrodabcyI to Amino Groups in Peptides and Preservation of Its Spectroscopic Properties over a Wide pH Range. ACS Omega, 2021, 6, 32896-32903.	1.6	0
4	Continuum Electrostatic Calculation on Bovine Rhodopsin: Protonation and the Effect of the Membrane Potential. Photochemistry and Photobiology, 2017, 93, 1388-1398.	1.3	1
5	HydrodabcyI: A Superior Hydrophilic Alternative to the Dark Fluorescence Quencher DabcyI. Analytical Chemistry, 2017, 89, 11893-11897.	3.2	17
6	Theoretical Analysis of Electron Transfer in Proteins: From Simple Proteins to Complex Machineries. Advances in Photosynthesis and Respiration, 2016, , 99-127.	1.0	2
7	Continuum electrostatic investigations of charge transfer processes in biological molecules using a microstate description. Faraday Discussions, 2011, 148, 173-193.	1.6	18
8	pH-Dependent pK_a Values in Proteins—A Theoretical Analysis of Protonation Energies with Practical Consequences for Enzymatic Reactions. Journal of Physical Chemistry B, 2010, 114, 1994-2003.	1.2	60
9	Investigating the mechanisms of photosynthetic proteins using continuum electrostatics. Photosynthesis Research, 2008, 97, 33-53.	1.6	22
10	Molecular Mechanism of the Zn ²⁺ -Induced Folding of the Distal CCHC Finger Motif of the HIV-1 Nucleocapsid Protein. Biophysical Journal, 2007, 93, 208-217.	0.2	21
11	Influence of the Membrane Potential on the Protonation of Bacteriorhodopsin: Insights from Electrostatic Calculations into the Regulation of Proton Pumping. Journal of the American Chemical Society, 2006, 128, 12129-12139.	6.6	24
12	Theoretical investigation of the behavior of titratable groups in proteins. Photochemical and Photobiological Sciences, 2006, 5, 588.	1.6	38
13	Mechanism of Zinc Coordination by Point-Mutated Structures of the Distal CCHC Binding Motif of the HIV-1 NCp7 Protein. Biochemistry, 2005, 44, 7315-7325.	1.2	20
14	Structure of the His44 → Ala Single Point Mutant of the Distal Finger Motif of HIV-1 Nucleocapsid Protein: A Combined NMR, Molecular Dynamics Simulation, and Fluorescence Study. Biochemistry, 2004, 43, 7687-7697.	1.2	25