

# Elisa Bombarda

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3058659/publications.pdf>

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