

Maurizio Baldassarre

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

206
citations

1163117

8
h-index

1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

442
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Simultaneous Fitting of Absorption Spectra and Their Second Derivatives for an Improved Analysis of Protein Infrared Spectra. <i>Molecules</i> , 2015, 20, 12599-12622. | 3.8 | 65 |
| 2 | Amyloid β -peptides 1-40 and 1-42 form oligomers with mixed β -sheets. <i>Chemical Science</i> , 2017, 8, 8247-8254. | 7.4 | 32 |
| 3 | Insight into the internal structure of amyloid- β oligomers by isotope-edited Fourier transform infrared spectroscopy. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 8587-8597. | 2.8 | 22 |
| 4 | Pushing the detection limit of infrared spectroscopy for structural analysis of dilute protein samples. <i>Analyst</i> , 2014, 139, 5393-5399. | 3.5 | 18 |
| 5 | The carbonate/bicarbonate system as a pH indicator for infrared spectroscopy. <i>Analyst</i> , 2014, 139, 2167. | 3.5 | 16 |
| 6 | Fibrillation properties of human β 1-acid glycoprotein. <i>Biochimie</i> , 2013, 95, 158-166. | 2.6 | 14 |
| 7 | Importance of pH and disulfide bridges on the structural and binding properties of human β 1-acid glycoprotein. <i>Biochimie</i> , 2011, 93, 1529-1536. | 2.6 | 13 |
| 8 | Bovine β 1-acid glycoprotein, a thermostable version of its human counterpart: Insights from Fourier transform infrared spectroscopy and in silico modelling. <i>Biochimie</i> , 2014, 102, 19-28. | 2.6 | 8 |
| 9 | Simultaneous acquisition of infrared, fluorescence and light scattering spectra of proteins: direct evidence for pre-fibrillar species in amyloid fibril formation. <i>Analyst</i> , 2016, 141, 963-973. | 3.5 | 7 |
| 10 | Interaction of β 3-conglutin from <i>Lupinus albus</i> with model phospholipid membranes: Investigations on structure, thermal stability and oligomerization status. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2018, 1866, 1242-1248. | 2.3 | 6 |
| 11 | Detection of temperature-induced molten globule states in small, β -sheet-rich proteins by infrared spectroscopy. <i>Biomedical Spectroscopy and Imaging</i> , 2012, 1, 247-259. | 1.2 | 3 |
| 12 | Amyloid fibril formation by bovine β 1-acid glycoprotein in a reducing environment: The role of disulfide bridges on the observed aggregation kinetics. <i>Biochimie</i> , 2015, 118, 244-252. | 2.6 | 2 |