RenÃ©e D Jiji

List of Publications by Year
in descending order

31 papers	763 citations	567281 15 h-index	526287 27 g-index
31 all docs	31 docs citations	31 times ranked	766 citing authors

#	Article	IF	Citations
1	Unwinding of the Substrate Transmembrane Helix inÂIntramembrane Proteolysis. Biophysical Journal, 2018, 114, 1579-1589.	0.5	20
2	Hydrogen bonds are a primary driving force forde novoprotein folding. Corrigendum. Acta Crystallographica Section D: Structural Biology, 2018, 74, 380-380.	2.3	1
3	Insights into the aggregation mechanism of AÎ²(25â€“40). Biophysical Chemistry, 2017, 220, 42-48.	2.8	8
4	Hydrogen bonds are a primary driving force forde novoprotein folding. Acta Crystallographica Section D: Structural Biology, 2017, 73, 955-969.	2.3	9
5	â€œParallel factor analysis of multi-excitation ultraviolet resonance Raman spectra for protein secondary structure determinationâ€• Analytica Chimica Acta, 2015, 892, 59-68.	5.4	8
6	Fusing Spectral Data To Improve Protein Secondary Structure Analysis: Data Fusion. ACS Symposium Series, 2015, , 299-310.	0.5	1
7	Effects of fluidity on the ensemble structure of a membrane embedded Î±â€helical peptide. Biopolymers, 2014, 101, 895-902.	2.4	4
8	On the freezing behavior and diffusion of water in proximity to single-supported zwitterionic and anionic bilayer lipid membranes. Europhysics Letters, 2014, 107, 28008.	2.0	7
9	Bilayer surface association of the pHLIP peptide promotes extensive backbone desolvation and helically-constrained structures. Biophysical Chemistry, 2014, 187-188, 1-6.	2.8	12
10	Quantification of protein secondary structure content by multivariate analysis of deep-ultraviolet resonance Raman and circular dichroism spectroscopies. Analytical Methods, 2014, 6, 1691-1699.	2.7	19
11	Role of Bilayer Characteristics on the Structural Fate of AÎ²(1â€“40) and AÎ²(25â€“40). Biochemistry, 2014, 53, 3004-3011.	2.5	8
12	Observation of persistent Î±â€helical content and discrete types of backbone disorder during a molten globule to ordered peptide transition via deepâ€UV resonance Raman spectroscopy. Journal of Raman Spectroscopy, 2013, 44, 957-962.	2.5	8
13	Developing microwave-assisted ionic liquid microextraction for the detection and tracking of hydrophobic pesticides in complex environmental matrices. RSC Advances, 2013, 3, 17113.	3.6	13
14	Evolution of quantitative methods in protein secondary structure determination via deep-ultraviolet resonance Raman spectroscopy. Analyst, The, 2012, 137, 555-562.	3.5	30
15	Influence of the lipid environment on valinomycin structure and cation complex formation. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2012, 96, 200-206.	3.9	8
16	Pre-processing of ultraviolet resonance Raman spectra. Analyst, The, 2011, 136, 1239.	3.5	19
17	Deep-UV Resonance Raman Analysis of theRhodobacter capsulatusCytochromebc1Complex Reveals a Potential Marker for the Transmembrane Peptide Backbone. Biochemistry, 2011, 50, 6531-6538.	2.5	19
18	Resolution of localized small moleculeâ€“AÎ² interactions by deep-ultraviolet resonance Raman spectroscopy. Biophysical Chemistry, 2011, 158, 96-103.	2.8	24

#	Article	IF	Citations
19	Spectroscopic detection of Î² â€sheet structure in nascent AÎ² oligomers. Journal of Biophotonics, 2011, 4, 637-644.	2.3	6
20	Application of EEM fluorescence in combination with PARAFAC analysis to simultaneously monitor quercetin in its deprotonated, aggregated, and protein bound states. Journal of Chemometrics, 2011, 25, 101-108.	1.3	7
21	Simultaneous Observation of Peptide Backbone Lipid Solvation and Î±â€Helical Structure by Deepâ€UV Resonance Raman Spectroscopy. ChemBioChem, 2011, 12, 2125-2128.	2.6	21
22	MCR-ALS analysis of two-way UV resonance Raman spectra to resolve discrete protein secondary structural motifs. Analyst, The, 2009, 134, 138-147.	3.5	24
23	Effects of cyproheptadine and cetirizine on eosinophilic airway inflammation in cats with experimentally induced asthma. American Journal of Veterinary Research, 2007, 68, 1265-1271.	0.6	22
24	Intermediacy of Poly(l-proline) II and Î²-Strand Conformations in Poly(l-lysine) Î²-Sheet Formation Probed by Temperature-Jump/UV Resonance Raman Spectroscopyâ€. Biochemistry, 2006, 45, 34-41.	2.5	75
25	Multivariate statistical process control for continuous monitoring of networked early warning fire detection (EWFD) systems. Sensors and Actuators B: Chemical, 2003, 93, 107-116.	7.8	20
26	Light emitting diode excitation emission matrix fluorescence spectroscopy. Analyst, The, 2002, 127, 1693-1699.	3.5	46
27	A simple, low-cost, remote fiber-optic micro volume fluorescence flowcell for capillary flow-injection analysis. Analytical and Bioanalytical Chemistry, 2002, 374, 385-389.	3.7	12
28	Application of PARAFAC for calibration with excitation-emission matrix fluorescence spectra of three classes of environmental pollutants. Journal of Chemometrics, 2000, 14, 171-185.	1.3	83
29	Mitigation of Rayleigh and Raman Spectral Interferences in Multiway Calibration of Excitationâ^'Emission Matrix Fluorescence Spectra. Analytical Chemistry, 2000, 72, 718-725.	6.5	93
30	Excitation-emission matrix fluorescence based determination of carbamate pesticides and polycyclic aromatic hydrocarbons. Analytica Chimica Acta, 1999, 397, 61-72.	5.4	135
31	Deepâ€UV resonance Raman spectroscopy of hydrated and dehydrated model Î±â€helical transmembrane peptides in liposomes. Journal of Raman Spectroscopy, 0, , .	2.5	1