

Anjan Roy

List of Publications by Year in descending order

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16
papers

249
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1040056

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docs citations

16
times ranked

357
citing authors

#	ARTICLE	IF	CITATIONS
1	Cross-Strand Coupling and Site-Specific Unfolding Thermodynamics of a Trpzip β^2 -Hairpin Peptide Using ^{13}C Isotopic Labeling and IR Spectroscopy. <i>Journal of Physical Chemistry B</i> , 2009, 113, 5661-5674.	2.6	55
2	TD-DFT modeling of the circular dichroism for a tryptophan zipper peptide with coupled aromatic residues. <i>Chirality</i> , 2009, 21, E163-71.	2.6	41
3	Unravelling a Direct Role for Polysaccharide β^2 -Strands in the Higher Order Structure of Physical Hydrogels. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 4603-4607.	13.8	27
4	Transmission Low-Frequency Raman Spectroscopy for Quantification of Crystalline Polymorphs in Pharmaceutical Tablets. <i>Analytical Chemistry</i> , 2019, 91, 1997-2003.	6.5	26
5	Inter-residue Coupling and Equilibrium Unfolding of PPII Helical Peptides. <i>Vibrational Spectra Enhanced with ^{13}C Isotopic Labeling. Journal of Physical Chemistry B</i> , 2010, 114, 12744-12753.	2.6	21
6	Experimental and Theoretical Spectroscopic Study of ^{10}B -Helical Peptides Using Isotopic Labeling to Evaluate Vibrational Coupling. <i>Journal of Physical Chemistry B</i> , 2011, 115, 6252-6264.	2.6	21
7	Comparison of Isotopic Substitution Methods for Equilibrium and T-Jump Infrared Studies of β^2 -Hairpin Peptide Conformation. <i>Journal of Physical Chemistry B</i> , 2010, 114, 11628-11637.	2.6	18
8	Screening a trace amount of pharmaceutical cocrystals by using an enhanced nano-spot method. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2019, 136, 131-137.	4.3	16
9	Solid-State Quantification of Cocrystals in Pharmaceutical Tablets Using Transmission Low-Frequency Raman Spectroscopy. <i>Analytical Chemistry</i> , 2019, 91, 13427-13432.	6.5	15
10	Two-Dimensional Raman Correlation Spectroscopy Study of Poly[(R)-3-hydroxybutyrate- <i>co</i> -(R)-3-hydroxyhexanoate] Copolymers. <i>Applied Spectroscopy</i> , 2017, 71, 1427-1431.	2.2	7
11	Solid-State Analysis of Alpha-Cyclodextrin Inclusion Complexes Using Low-Frequency Raman Spectroscopy. <i>Analytical Chemistry</i> , 2021, 93, 704-708.	6.5	2
12	Inter-Residue Coupling of Model PPII Helices Using ^{13}C Isotopic Labeling Investigated by Vibrational Spectroscopy. , 2010, , .		0
13	Optical Trapping Raman Spectroscopy Of Protein and Membrane Interaction. , 2010, , .		0
14	Raman Scattering Investigation of ^{10}B Helical Peptides Using Isotopic Labeling. , 2010, , .		0
15	Inter-Residue Coupling of Model PPII Helices using ^{13}C Isotopic Labeling. <i>Biophysical Journal</i> , 2010, 98, 742a.	0.5	0
16	Development of a high-throughput solution for crystallinity measurement using THz-Raman spectroscopy. , 2017, , .		0